

CURRICULUM VITAE

Mohammad Reza Movahed, MD, PhD, FACP, FACC, FSCAI, FCCP

Mohammad Reza Movahed, MD, PhD, FACP, FACC, FSCAI, FCCP
Clinical Professor of Medicine, University of Arizona, Tucson
Clinical Professor of Medicine, University of Arizona, Phoenix
CardioCare Chief Executive Officer, Interventional Cardiologist
Clinical Prof. and Faculty at the South AZ VA Health Care System
Associate Editor, Journal of American Heart Association (JAHA)
Former Cardiology Director of Total Care, Tucson, Arizona
Former Professor of Medicine, Tenure, University of Arizona, Tucson
Former CareMore Regional Cardiology Director
Former Assistant Clinical Professor, UC Irvine
Former Director of Cath Lab UC Irvine
Former Director of Nuclear Cardiology Lab UC Irvine
Former Director of Coronary Care Unit, Univ of Arizona
Former Med Director of Heart Transplantation, Univ of Arizona
Former Med Director of Heart Transplantation, SAVAHCS
Former President of American Heart Association Southern Affiliate



Contact information:

SAVHCS:
3601 S 6th Ave, Tucson, AZ 85723

University of Arizona Sarver Heart Center:
1501 N. Campbell Ave, Tucson, AZ, 85724

Telephone: Cell: (949) 400-0091
Emails: rmovahed@arizona.edu
rmova@aol.com

Research Citation Summary Based on Google Scholar until March 2025

	All	Since 2020	Total Publications: >500
<u>Citations</u>	24,206	8,364	
<u>h-index</u>	45	26	
<u>i10-index</u>	127	67	

CHRONOLOGY of EDUCATION:

College/University/Med School:

College at the Johannes Gutenberg University	7/1982-8/1983	Johannes Gutenberg University Mainz, Germany
Medical School Attended	11/1983-5/1989	Hannover Medical School (Diminished Hochschule Hannover), Hannover, Germany

Institutions, degrees and date awarded:

Medical Degree	5/1989	Hannover Medical School
Diploma in Community Health and Tropical Medicine	3/190	Tropical Institute, Berlin, Germany
Dr. Med (PhD in Immunology equivalent)	11/1990	Hannover Medical School Hannover, Germany

Title of Doctoral dissertation:

The pathogenetic role of platelet Associate
Immunoglobulins in Idiopathic Thrombocytopenic Purpura
Prof. Deicher

Postgraduate Training

Interventional Cardiology Fellowship	7/1999-6/2000	Yale University Hospital New Haven, Connecticut
Cardiology Fellowship	7/1996-6/1999	University of South Carolina Columbia, South Carolina
Residency in Medicine	7/1994-6/1996	Univ. of Rochester Medical

		Center, Rochester, New York
Internship in Medicine	7/1993-6/1994	Univ. of Rochester Medical Center, Rochester, New York
Internship in Pathology	7/1992-6/1993	Univ. of Rochester Medical Center, Rochester, New York
Migration to the United State/ Passed FLEX exam	8/1991-6/1992	Kingston/Albany, New York
Residency in Medicine	4/1990- 8/1991	Weser Hosp., Hannover Medical School, Hannover, Germany
Community Health and Tropical Medicine Study	1/1990-3/1990	Tropical Inst. Berlin, Germany
Residency in Medicine in Germany	9/1989-12/1989	Siloah Hosp. Hannover Medical School, Hannover,

MEDICAL LICENSURE, CERTIFICATES

The Interstate Medical Licensure Compact		1/2021
Hawaii Medical License		2/2025
Florida State License		2022
Texas Medical License		4/2022
Colorado Medical License		2016
West Virginia Medical License	25506	9/2013
Idaho Medical License	M-10602	3/2009
Arizona Medical License	35065	1/2006
Nevada Medical License	11228	11/2004
California Medical License	A73038	2000
South Carolina Medical License (inactive)	18706	1996

New York Medical State License	200973	1995
Iran Nezam Pezeshki		2019
German Medical License		1991
Nuclear Regulatory Commission License		1999
FLEX Exam		1992
ECFMG Certification	0-437-312-2	7/23/1992
Certified Fluoroscopy Supervisor and Operator, State of California		2022

PREVIOUS AND ACTIVE BOARD CERTIFICATIONS, SPECIAL TRAINING

Completed training as Transplant Cardiologist		2007
Level II Certification in Cardiovascular CT Angiography		02/ 2006
Board of Echocardiography	2005-485	06/2005-2015
ABIM Board of Interventional Cardiology	172803	12/2001-2011
Recertification Board of Interventional Cardiology		12/2011-2022
		12/2022-2032
Board of Nuclear Cardiology	1796	10/2000-2010
Board of Nuclear cardiology Recertification		11/2014-2024
ABIM Board of Cardiovascular Disease	172803	12/1999-2009
Recertification Board of Cardiovascular Disease		12/2011-2022
ABIM Board of Internal Medicine	172803	12/1996-2006
ABIM Board of Cardiac Transplant/Heart Failure	172803	12/2014-2024

National Board of Physicians and Surgeons Board Certified for Internal Medicine	4/2017-4/2027
National Board of Physicians and Surgeons Board Certified for Cardiovascular Disease	4/2017-4/2027
National Board of Physicians and Surgeons Board Certified for Interventional Cardiology	4/2017-4/2027
National Board of Physicians and Surgeons Board Certified for Cardiac Transplant/Heart Failure	4/2017-4/2027

CHRONOLOGY OF EMPLOYMENT:

ACADEMIC APPOINTMENTS

1/2018- present	Clinical Professor of Medicine University of Arizona College of Medicine, Phoenix
11/2016- present	Clinical Professor of Medicine University of Arizona College of Medicine, Tucson
11/2016- present	Clinical Professor of Medicine The Southern Arizona VA Health Care System, Tucson, AZ
6/2018-6/2021	Honor Code Committee Member, University of Arizona College of Medicine, Tucson, AZ
6/2018-6/2020	Student Appeals Committee Member, University of Arizona College of Medicine, Tucson, AZ
5/2012-11/2016	Professor of Medicine, Tenure University of Arizona College of Medicine, and the Southern Arizona VA Health Care System
5/2015-2017	MD/PhD Committee Member, University of Arizona College of Medicine, Tucson, AZ
2011-2012	Chair, Continue Education Committee, University of Arizona, Tucson

7/2010- 5/2012	Professor of Medicine, Tenure University of Arizona College of Medicine, and the Southern Arizona VA Health Care System
07/2007-Present	Faculty Member at The Southern Arizona VA Health Care System, Tucson, AZ
7/2008-5/2012	Medical Director of Heart Transplant, University of Arizona School of Medicine. The Southern Arizona VA Health Care System, Department of Medicine, Division of Cardiology
10/2006-7/2008	Designated Cardiac Transplant Cardiologist at the University of Arizona Medical Center
6/2006- 7/2010	Associate Professor of Medicine University of Arizona Sarver Heart Center and Southern Arizona VA Health Care System
09/2007-7/2008	Medical Director of Heart / Heart and Lung Transplant, University of Arizona Medical Center Department of Medicine, Division of Cardiology
6/2006-7/2008	Director of Coronary Care Unit, University of Arizona Medical Center
6/2002-7/2004	Director of Cardiac Catheterization and Intervention Laboratories, UCI Medical Center
6/2002-6/2006	Director of Nuclear Cardiology, UCI medical Center
7/2000-6/2006	Assistant Clinical Professor of Medicine University of California Irvine Department of Medicine, Division of Cardiology
6/2005-6/2006	Faculty Staff Member, Long Beach VA Health Care System
7/1998-6/1999	Chief Cardiology Fellow University of South Carolina

NON-ACADEMIC APPOINTMENTS

3/21/2015-Present	CardioCare Chief Executive Officer, Interventional and No-Interventional Cardiologist
7/2017-Present	Core Vieta Society Member, The American Heart Association Philanthropic Giving Society, Tucson, AZ
5/31/2025	Faculty of Iranian American Medical Association, (IAMA) 29th annual meeting
5/31/2025	Scientific Board Member of Iranian American Medical Association, (IAMA) 29th annual meeting
11/2024-3/2025	Abstract Grader for the Scientific Session of Cardiovascular Research Technologies (CRT) Conference, March 2025, Washington, DC, 2025
3/2024-3/2025	Faculty at the Scientific Session of Cardiovascular Research Technologies (CRT) Conference, March 2025, Washington, DC
11/2023-11/2024	Faculty at the Scientific Session of Transcatheter Cardiovascular Therapeutics (TCT) Scientific Congress, Washington, DC, 2024
11/2023-11/2024	Abstract Grader for the Scientific Session of Transcatheter Cardiovascular Therapeutics (TCT) Scientific Congress, Washington, DC, 2024
3/2024-3/2024	Faculty at the Scientific Session of Cardiovascular Research Technologies (CRT) Conference, Washington, DC, 2024
10/2023-10/2023	Faculty at the Scientific Session of Transcatheter Cardiovascular Therapeutics (TCT) Scientific Congress, San Francisco CA, 2023
1/2023-3/2024	Chair of American Heart Association 100 year AHA Heart and Stroke Ball Committee for 2024 Heart Ball, Tucson, AZ

9/2023-9/2023	Scientific Board Member for 23th international Congress on Cardiovascular Update, at Olympic Hotel 2023, Teheran, Iran
2/2023-3/2023	Faculty at the Scientific Session of Cardiovascular Research Technologies (CRT) Conference, Washington, DC, 2023
1/2022-3/2024	American Heart Association Executive Leadership Team Member, Heart and Stroke Ball Committee Tucson, AZ, 2023
7/2022- 7/2024	American Heart Association President, Southern Arizona Affiliate, Tucson, AZ
3/2022-present	Cardiology Director of Total Arizona Care, Tucson, Arizona
5/2021-present	Editorial Board Member of Journal of American Heart Association Journal (JAHA)
2/2022-3/2022	Faculty at the Scientific Session of Cardiovascular Research Technologies (CRT) Conference, Washington, DC, 2022
7/2021- 7/2022	American Heart Association President Elect, Southern Arizona Affiliate, Tucson, AZ
1/2021-1/2022	American Heart Association Executive Leadership Team Member, Heart and Stroke Ball Committee Tucson, AZ, 2022
7/2020- 7/2021	American Heart Association President, Southern Arizona Affiliate, Tucson, AZ
7/2019- 7/2020	American Heart Association President Elect, Southern Arizona Affiliate, Tucson, AZ
7/2021- 2022	American Heart Association Southern Arizona Board Member, Tucson, AZ
7/2019-7/2021	Scientific Executive Board Member of the International Academy of Cardiology and of the 23

	the -World Congress on Heart Disease, Boston, MA 2021
1/2018-2/2021	Faculty at the Scientific Session of Cardiovascular Research Technologies Conference, Washington, DC, 2021
1/2020-1/2021	Chair of the American Heart Association Open your Heart Committee, Tucson, AZ
1/2020-1/2021	American Heart Association Executive Leadership Team Member, Heart and Stroke Ball Committee Tucson, AZ, 2020-2021
1/2020- 1/2021	American Heart Association President Elect Southern Arizona Affiliate, Tucson, AZ, 2020-2021
7/2017-6/2025	American Heart Association Southern Arizona Board member, Tucson, AZ
1/2019-1/2020	Chair of American Heart Association Executive Leadership Team, Heart and Stroke Ball Committee Tucson, AZ
1/2019-2/2020	Faculty at the Scientific Session of Cardiovascular Research Technologies Conference, Washington, DC, 2020
7/2017-6/2019	American Heart Association Southern Arizona Board member, Tucson, AZ
1/2018-1/2019	American Heart Association Executive Leadership Team Member, Heart and Stroke Ball Committee Tucson, AZ. 2018-2019
1/2018-2/2019	Faculty at the Scientific Session of Cardiovascular Research Technologies Conference, Washington, DC, 2019
9/2018-9/2019	Scientific Coordinator Board Member and International Organizing Committee for 21 th international Congress on Cardiovascular Update, at Milad Tower International Heart, 2019, Teheran, Iran

- 7/2018-7/2019 Scientific Executive Board Member of the International Academy of Cardiology and of the 24th -World Congress on Heart Disease, Vancouver, BC, Canada July, 2019
- 1/2018-2/2019 Scientific Chair of Third CareMore Cardiovascular Symposium 2019: Delivering Evidence Based Care in Real World Practice, April, 2019, Tucson, Arizona
- 1/2017- 1/2018 American Heart Association Executive Leadership Team Member, Heart and Stroke Ball Committee Tucson, AZ
- 2/2017-2/2021 Board member of Governance of Cardiovascular Co-Management at St Mary's Hospital, Tucson, Arizona
- 7/2017-7/2018 Scientific Executive Board Member of the International Academy of Cardiology and of the 23 the -World Congress on Heart Disease, Boston, MA 2018
- 1/2017-2/2018 Faculty at the Scientific Session of Cardiovascular Revascularization Research Technologies, Washington, 2018
- 9/2017-9/2018 Scientific Coordinator Board Member and International Organizing Committee for 20th International Congress on Cardiovascular Update, at Milad Tower International Heart, 2018, Teheran, Iran
- 4/2017-4/2018 Scientific Executive Board Member of the 8th Symposium on update in Cardiovascular Disease Fars Heart Foundation, A decade updates in cardiovascular disease, Kowsar Hospital , Shiraz, April 24-27, 2018
- 2/2017-2/2018 Scientific Chair of Second CareMore Cardiovascular Symposium 2018: Delivering Evidence Based Care in Real World Practice, February 2018, Tucson, Arizona

2/2017-2/2017	Scientific Chair of First CareMore Cardiovascular Symposium Update 2017: Delivering Evidence Based Care in Real World Practice, February 4 th , 2017, Cerritos, California
7/2016-7/2017	Scientific Executive Board Member of the International Academy of Cardiology and of the 22 nd the -World Congress on Heart Disease, 2017, Vancouver, Canada
9/2016-9/2017	Scientific Coordinator Board Member and International Organizing Committee for 20 th international Congress on Cardiovascular Update, at Milad Tower International Heart, 2017, Teheran, Iran
1/2016-2/2017	Faculty at the Scientific Session of Cardiovascular Research Technologies Conference, Washington, 2017
9/2015-9/2016	Scientific Coordinator Board Member and International Organizing Committee for 19 th international Congress on Cardiovascular Update, at Milad Tower International Heart, September, 13-16, 2016, Teheran, Iran
1/2015-3/2016	Associated Faculty at the Scientific Session of Cardiovascular Research Technologies, Washington, 2016
4/2016-4/2016	Scientific Executive Board Member of the 7 th Symposium on Update in Cardiovascular Disease Focus on Extreme of Age, Fars Heart Foundation, Kowsar Hospital, Shiraz, April 26-28, 2016
7/2015-7/2016	Scientific Executive Board Member of the International Academy of Cardiology and of the 21 st the -World Congress on Heart Disease. 2016, Boston, MA, USA
7/2014-7/2015	Scientific Executive Boards of the International Academy of Cardiology and of the 20 th the -World Congress on Heart Disease. Vancouver, BC, Canada

1/2015-3/2015	Associated Faculty at the Scientific Session of Cardiovascular Research Technologies, Washington, CRT 2015
1/2014-3/2014	Associated Faculty at the Scientific Session of Cardiovascular revascularization Medicine, Washington, 2014
7/2013-7/2014	Member of the Scientific Executive Boards of the International Academy of Cardiology and of the 19th -World Congress on Heart Disease. Boston, MA, USA
6/2012-6/2014	Re-elected Council of the American College of Cardiology Arizona Chapter
4/2014-4/2014	Scientific Executive Board Member of the 6 th symposium on update in Cardiovascular disease Focus on Extreme of Age, ,Fars Heart Foundation, Kowsar Hospital , Shiraz, April 22-25,
7/2012-7/2013	Scientific Executive Board Member of the International Academy of Cardiology and of the 18th -World Congress on Heart Disease, 2013 Vancouver, BC, Canada
5/2012-10/2020	Regional Cardiology Director of CareMore
7/2011-7/2012	Scientific Advisory Board Member of the International Academy of Cardiology and of the 17th -World Congress on Heart Disease.
7/2009-7/2010	Scientific Advisory Board Member of the International Academy of Cardiology and of the 16th -World Congress on Heart Disease.
11/2009-11/2010	Elected Top Young Investigator Faculty for Cardiovascular Research Technologies Conference (CRT), Washington, D/C, 2-2010
4/2010-4/2010	Member of the Scientific Executive Boards of the 4 th symposium on update in Cardiovascular disease, Fars Heart Foundation, Kowsar Hospital , Shiraz, April 27-30,

7/2008-7/2009	Member of the Scientific Advisory Boards of the International Academy of Cardiology and of the 15th -World Congress on Heart Disease.
206-2009	Faculty at Cardiovascular Research Foundation, Transcatheter Cardiovascular Therapeutics (TCT Washington, DC
6/2009-2010	Elected Council of the American College of Cardiology Arizona Chapter
7/2007-8/2008	Member of the Scientific Advisory Boards of the International Academy of Cardiology and of the 14th World Congress on Heart Disease.
9/2006-2022	Co-founder and member of scientific advisory board, Catharose Cooperation (for coronary sinus contrast removal device for the prevention of contrast induced nephropathy)
9/2006-Present	Member of Scientific Advisory Board and Consultant, Catharose Cooperation
2/2003-6/2007	Medical Director, Electro Catheter LCC
1/2003-7/2007	Medical Director of Sina Pharmaceutical, Inc.
9/2002-2/2004	Director, Combigen Company, California
2/2002 -2005	Medical Consultant of A Heart for Sport Organization, California
1997-1999	Medical Director of Healthy Heart Organization Columbia, South Carolina

Professional Societies:

Advanced Fellowship /Faculty in Professional Organization

Faculty for International Academy of Cardiology, 2007-2023

Faculty for Cardiovascular Research Foundation, 2024

Faculty for Cardiovascular Research Foundation, 2023

Faculty for Cardiovascular Revascularization Therapy November, 2009-present

Faculty for Cardiovascular Research Foundation, August 2006-2009

Fellow of American College of Chest Physician, (FCCP) March 2005-Present

Fellow of American College of Cardiology, (FACC) August 2002-Present

Fellow of The Society for Cardiovascular Angiography and Interventions, (FSCAI)
December 2004-present

Fellow of American College of Physician, (FACP) January 2005-Present

Membership in Professional Organizations

Cure Vita Member of American Heart Association 2020-present

Member of Cardiovascular Computed Tomography, 1/2006-2007

Member of National Iranian American Council Jan 2005-2007

Iranian Medical Society of Orange County California 2000-2001

Member of the Network of Iranian Professional of Orange County 2000-2007

New York Society of Science 2001-2002

Iranian American Medical Association 1996-1999

South Carolina Medical Association 1996-1999

American Medical Association 1996-1999

Honored Member Strathmore's Who's who, 1997-1998

American Association for the Advancement of Science 1992-1994

American Society of Clinical Pathologists 1992-1993

German Medical Association (Aertzte Kammer) 1989-1992

Honors

- | | |
|-----------|--|
| 2023 | American Heart Association Honored Guest at AHA Scientific Session 2023
November 11-13, 2023, Philadelphia, PA |
| 2020 | Recognition from Consumer's Research Council of America as America's Top
Cardiologist 2020 |
| 2020 | American Heart Association Honored Guest at International Stroke Conference,
February 2020, Los Angeles, California |
| 2012 | Recognition from Consumer's Research Council of America as America's Top
Cardiologist 2012 |
| 2008-2009 | The Marquis Who's Who in America |
| 2001-2003 | Honored Member Strathmore's Who's Who |
| 1997-1998 | The Marquis Who's Who in Medicine and Healthcare |
| 1990 | Highest Honor in Diploma in Community Health and Tropical Medicine,
Berlin, Germany |
| 1990 | Doctoral Thesis with High Honors, Hannover Medical School, Hannover,
Germany |
| 1989 | Graduate of Medicine with Highest Honors, Hannover Medical School,
Hannover, Germany |
| 1982 | Graduating with Highest Honors in College for Biology, , Mainz, Germany |
| 1982 | Graduating with Highest Honors in College for Chemistry, Mainz, Germany |
| 1982 | Graduating with Highest Honors in College for Mathematics, Mainz, Germany |
| 1982 | Graduating with Highest Honors in College for Physics, Mainz, Germany |

Awards

Received Appreciation Award, March, 2025 from Iranian-Students' Cultural Association of the University of Arizona (ICAT) in Tucson, Arizona 2025

Received American Heart Association Appreciation Award “Passing Torch of the American Heart Association Mission”, Given January 25, 2025 at the Southern Arizona Heart Ball, Tucson, Arizona

Late Breaking Science presentation: Breast implant is associated with higher positive cardiac testing leading to a higher utilization of coronary angiography despite lower presence of coronary disease SCAI Science and Practice, May 2024

Late Breaking Science presentation: Coronary perforation occurring in the setting of percutaneous coronary intervention is associated with high inpatients mortality and complication. SCAI Science and Practice, May 2024

The best interesting case at Cardiovascular Revascularization Therapy March 2024. Simultaneous Retrieval of Two Dislodged and Entangled Intracoronary Stents by Distal Balloon Inflation

Best interesting case at Cardiovascular Revascularization Therapy March 2024 Coronary Artery Perforation Can Successfully be Sealed Using Absorbable Gelatin Sponge Embolization

Recognition for top 10 best Abstract at Cardiovascular Revascularization Therapy (CRT) meeting Feb 2023 Washington, DC

The Southern Arizona VA Health Care System Service Award, December 2022

Recognition for top case presentation at Cardiovascular Revascularization Therapy (CRT) meeting February, 2022 Washington, DC

Recognition for record breaking fundraising for American Heart Association Heart Ball Event February 14, 2020

Recognition for Winner of Dipper Bank Dancing with Star Fundraising Event raising highest amount, April 2019

Appreciation award at 20th international Congress on Cardiovascular Update, at Milad Tower International Heart, September13, 2018, Teheran, Iran

The International Academy of Cardiology Scientific Session 2018 Awards

Nominee at International Academy of Cardiology, 23 the World Congress on Heart Disease Boston, USA, July 2018

Albert Nelson Marquise Lifetime Achievement Award 2018

University of Arizona Cardiology Fellows Appreciation Award 2012, June 2012, Tucson, Arizona

Receiver of “Top 30 poster award” at TCT, November 8, 201, Movahed MR, et al. Poster “Gradual Reduction in the age Adjusted Nationwide Trends in the Incidence of Cardiogenic Shock Occurring in the setting of ST Elevation Myocardial Infarction Across Different Ethnicities and Gender in the United State”.

Appointed as top 27 Young Leaders in Interventional Cardiology at Cardiovascular Revascularization Therapy (CRT) 2/2010, Washington, DC

Elected as top 10 best abstract award presenting at Cardiovascular Revascularization Therapy (CRT) Conference, presented 2/2010 Washington, DC

Southern Arizona VA Health Care System, Senior Investigator of the Year 2008 Award, May 7, 2009

Southern Arizona VA Health Care System 2008 Most Productive Senior Investigator of the Year Award, Dec 31, 2008

Recipient of Frank Frazer and William Alexander Young Investigator award, University of Arizona Sarver Heart Center, 2007

University of Shahid Beheshti Appreciation Award, May 2007, Tehran, Iran

Al Zahra University Appreciation Award, May 2007, Tehran, Iran

Second place for best poster Award for the 2005 CHEST Foundation Congress, Montreal, Canada

University of California 2004 School of Medicine Research Award
Recognition Award for Newest Innovations Spinning out of top Universities in California
University of California Primary Care Recognition Award, UCI Medical Center, Orange, 2004

Received the American Heart Association Recognition Award given to UCI for Getting with the Guidelines to Prevent Atherosclerosis as a representative of UCI

Instructor of the Year Award, University of California, Irvine, Department of Medicine, Division of Cardiology, 2001

Faculty Career Development Award at the University of California, Irvine Medical Center, 2004

Instructor of the Year Award, University of California, Irvine, Department of Medicine, Division of Cardiology, 2000

Cardiology Fellow Teaching Award at University of South Carolina, 1998-1999, Columbia, South Carolina

Grand-in-Aid Award, Richland Memorial Hospital, Columbia, South Carolina, 1999 Academic Year

Cardiology Fellow Research Award at University of South Carolina, 1997-1998 Columbia, South Carolina

Grand-in-aid Award, Richland Memorial Hospital, Columbia, South Carolina, 1999 academic Year

Cardiology Fellow Research Award at University of South Carolina, 1996-1997, Columbia, South Carolina

Award for International Exchange at the Ulster County Community College, (UCCC) , 1996

SERVICE/OUTREACH

National & International

Other Chairs/ Faculties/Committees

Moderator of CARDIOVASCULAR PANEL session at the 29th annual Iranian American Medical Association and 29th Yale Club, May 31, 2025, New York, NY

Panelist at the Late Breaking Clinical Trials, Endovascular at Cardiovascular Research Technologies Technology (CRT) 2025 Session: March 10, 2025, 8-9 am, Washington, DC, 2025

Moderator of the Abstract Session, Endovascular, Neurovascular Intervention & Peripheral Vascular Intervention, Abstract & Interesting Cases at Cardiovascular Research Technologies Technology (CRT) 2025 Session: March 11, 2025, 8-9 am, Washington, DC, 2025

CTO Academy Panel member at the Cardiovascular Research Technologies Technology (CRT) 2025. Session: Saturday Session, 8:00 AM – 12:30 PM, Saturday, March 8, 2025, at International Ballroom Center. Title: Selective Patient and Operator Selection for CTO Procedure

Discussant at TCT Coronary Complications: MI - Late Structural Issues
Sunday, October 27, 2024, 2:00 PM — 2:50 PM EDT, Room: Complex Cases With the Masters | Innovation & Exhibit Hall (Halls A-C) | Lower Level | Walter E. Washington Convention Center, Coronary Complications: MI - Late Structural Issues
Moderators

Discussant at TCT Innovation 5: Interventional Heart Failure, Monday, October 28, 2024 3:40 PM — 4:40 PM EDT, Room: Innovation Theater | Innovation & Exhibit Hall (Halls A-C) | Lower Level | Walter E. Washington Convention Center, Innovation & FDA Townhall Meeting, Interventional Heart Failure, TCT Innovation 5: Interventional Heart Failure

Discussant at TCT Coronary: Interventions in Atypical CAD, Monday, October 28, 2024 4:50 PM — 5:50 PM EDT, Room: Presentation Theater 1 | Innovation & Exhibit Hall (Halls A-C) | Lower Level | Walter E. Washington Convention Center, Coronary: Interventions in Atypical CAD

Discussant at TCT. Cardiogenic Shock Outcomes - Tuesday, October 29, 2024, 8:00 AM 9:00 AM EDT. Room: Moderated Abstracts Station 7 | Innovation & Exhibit Hall (Halls A-C) | Lower Level | Walter E. Washington Convention Center. Coronary ACS/AMI, Cardiogenic Shock Outcomes

Discussant at TCT. Cardiovascular Surgery – 4. Tuesday, October 29, 2024. 11:00 AM — 11:50 AM EDT, Room: Moderated Abstracts Station 3 | Innovation & Exhibit Hall (Halls A-C) | Lower Level | Walter E. Washington Convention Center, Coronary Endovascular, Structural, Cardiovascular Surgery – 4.

Discussant at TCT. Mechanical Circulatory Support in PCI – 3, Wednesday, October 30, 2024, 8:00 AM — 8:50 AM EDT, Room: Moderated Abstracts Station 5 | Innovation & Exhibit Hall (Halls A-C) | Lower Level | Walter E. Washington Convention Center, Coronary, Complex PCI, Mechanical Circulatory Support in PCI – 3

Discussant at TCT. Microvascular Dysfunction – 2, Wednesday, October 30, 2024, 9:00 AM — 10:05 AM EDT. Room: Moderated Abstracts Station 2 | Innovation & Exhibit Hall (Halls A-C) | Lower Level | Walter E. Washington Convention Center. Coronary Coronary Imaging & Physiology, Microvascular Dysfunction – 2

Discussant at TCT. Post-PCI Physiology Studies, Wednesday, October 30, 2024, 10:00 AM — 11:30 AM EDT. Room: Moderated Abstracts Station 1 | Innovation & Exhibit Hall (Halls A-C) | Lower Level | Walter E. Washington Convention Center. Coronary

Coronary Imaging & Physiology, Post-PCI Physiology Studies

Discussant at TCT. TAVR Imaging Studies – 2/ Wednesday, October 30, 2024, 11:05 AM — 11:55 AM EDT/ Room: Moderated Abstracts Station 2 | Innovation & Exhibit Hall (Halls A-C) | Lower Level | Walter E. Washington Convention Center. Structural Aortic Disease and Intervention. Structural Imaging, TAVR Imaging Studies – 2

Discussant at Coronary Spotlight 11: The Latest on LMCA Disease and Bifurcations Wednesday, October 25, 3:30 PM — 4:55 PM, at TCT 2023 scientific session Moscone Center, 2023, San Francisco, CA

Discussant at Complex Cases with the Masters: Peripheral Potpourri, Wednesday, October 25, 8:00 AM — 9:30 AM at TCT 2023 scientific session, Moscone South, Moscone Center, 2023, San Francisco, CA

Discussant at Obesity and Catheter Based Interventions, Thursday, October 26, 10:00 AM 10:45 at TCT scientific session Moderated Abstracts Station 8 Emerging Clinical Science & Research, Exhibition Level, Moscone Center, 2023, San Francisco, CA

Discussant at STEMI and NSTEMI Outcomes V, Thursday, October 26, 12:00 PM 12:54 PM at TCT scientific session. Room: Moderated Abstracts Station 8. Emerging Clinical Science & Research, Moscone Center, 2023, San Francisco, CA

Panel Member of scientific session “CPR Challenges Panel” for 23th International Congress on Cardiovascular Update, at Olympic Hotel, September 21, 2023, Teheran, Iran

Panel Member of scientific session “Complex PCI (including LM, ostial lesions, Bifurcation, CTO, Calcified lesions, Case-Based Review)” for 23rd International Congress on Cardiovascular Update, at Olympic Hotel, September 21, 2023, Teheran, Iran

Discussant of scientific session “Complex PCI, Why not to perform CTO intervention, ” for 23th International Congress on Cardiovascular Update, at Olympic Hotel, September 21, 2023, Teheran, Iran

Panel Member of scientific session “Endovascular Treatment of aortic pathologies-AAA and TAAA, dissection and coarctation)” for 23rd International Congress on Cardiovascular Update, at Olympic Hotel, September 20, 2023, Teheran, Iran

International Advisory Member for 23rd International Congress on Cardiovascular Update, at Olympic Hotel, September 20-23, 2023, Teheran, Iran

The International Academy of Cardiology Scientific Session 2020 Awards Committee

Committee for International Academy of Cardiology, 24th World Congress on Heart Disease, Boston, July 2020

Scientific Session 2020 Abstract reviewer committee for International Academy of Cardiology, 24th World Congress on Heart Disease Scientific Session - Boston, USA, July, 2020

Organizing committee member for the International Conference on Cardiology, Rome, Italy during November 11-13, 2019.

Organizing committee member for Cardiology World Conference October 24-25, 2019 in Tokyo, Japan.

Organizing Committee Member "International Conference on Cardiology" Philadelphia, USA, during September 16-18, 2019. *Focus on: Discovering Latest Trends in Cardiology*"

Organizing Committee Member for the 'International Conference on Hospital Management and Patient Safety. This focuses on the theme: *Enhancing health and prosperity: Connecting research and practice*. May 23-24, 2019 Las Vegas, USA.

Moderator and discussant at the Third CareMore Cardiovascular Update Symposium 2019: Delivering Evidence Based Care in Real World Practice, April 2019, Tucson, Arizona

The International Academy of Cardiology Scientific Session 2019 Awards Committee for International Academy of Cardiology, 24th World Congress on Heart Disease, Vancouver, July 2019

Scientific Session 2019 Abstract reviewer committee for International Academy of Cardiology, 24th World Congress on Heart Disease Scientific Session - Boston, USA, July, 2019

International Organizing Committee for 21st international Congress on Cardiovascular Update, at Milad Tower International Heart, August 23, 2019, Teheran, Iran

Chair of scientific session "Challenging Topics: Vein graft intervention, Cardiogenic shock and Coronary Aneurysm" for 21st international Congress on Cardiovascular Update, at Milad Tower International Heart, August 23, 2019, Teheran, Iran

Panel Member of scientific session "Practical Point of CPR" for 21st international Congress on Cardiovascular Update, at Milad Tower International Heart, August 22, 2019, Teheran, Iran

Chair of scientific session “Complex Coronary Intervention: Cased Based Discussion” for 21st international Congress on Cardiovascular Update, at Milad Tower International Heart, August 22, 2019, Teheran, Iran

Organizing Committee Member of “International Global Heart Congress” October 14-16, 2019, in London, UK with the theme Exploring the emerging breakthroughs in Global Heart Congress

Organizing Committee Member for the "7th World Heart Congress" in Vienna based on the theme: "Life Isn't Measured in Minutes but in Heartbeats " August 19- 20, 2019 | Vienna, Austria

Member of Program Committee (PC) of ACSTM 2019, the 3rd Asian Conference on Science, Technology & Medicine, February 12-14, 2019, in Dubai, UAE at the Carlton Palace Hotel.

Organizing Committee Member for the upcoming “3rd World congress on Cardiology and Cardiac Nursing” March 25-26, 2019, at Amsterdam, Netherlands. The main theme of the conference is “Fostering the Future Excellence in Cardiology and cardiac nursing”

Organizing Committee Member for “International Conference on Diabetes and Endocrinology” October 15-16, 2018, at Tokyo, Japan

Member of Organizing Committee for 28th International Conference on Cardiology and Healthcare, collaborated with Russian Society of Cardiology, August 9-11, 2018 in Abu Dhabi, United Arab Emirates.

Chair oral session: “Advances in Cardiac Surgery: Congenital Heart Disease / Coronary Revascularization / Mechanical Circulatory Support / Heart Transplantation ", on 7/27/ 2018 for International Academy of Cardiology, 23th World Congress on Heart disease , Boston, MA, July 2018

Member of organizing committee of Euro Heart Congress 2018, Working under the theme: Tuning the Rhythm of Heart.

The International Academy of Cardiology Scientific Session 2018 Awards Committee for International Academy of Cardiology, 23th World Congress on Heart Disease, Boston, USA, July 2018

American College of Cardiology Academic Section Member, 2018

Scientific Session 2018 Abstract reviewer committee for International Academy of Cardiology, 23th World Congress on Heart Disease Scientific Session, Boston, USA, July, 2018

Organizing committee member for the World Congress on Cardiology & Heart Health, November 15-17, 2018 in Rome, Italy.

Organizing Committee Member at the 3rd World Congress on Cardiology, June 11-13, 2018 at London, UK. The main theme of the Conference is "Novel Perspectives on Heart and Heart Diseases".

Panel member Scientific Session “New generation of anti-platelet Agent (Ticagrelor)” at 20th international Congress on Cardiovascular Update, at Milad Tower International Heart, September 13, 2018, Teheran, Iran

Panel member scientific session “Practical point of CPR updated” for 20th international Congress on Cardiovascular Update, at Milad Tower International Heart, September 13, 2018, Teheran, Iran

Moderator and discussant at the Second CareMore Cardiovascular Update Symposium 2018: Delivering Evidence Based Care in Real World Practice, February 2018, Tucson, Arizona

Organizing Committee for 23rd European Heart Disease and Heart Failure Congress (Euro Heart Failure 2018) February 19-21, 2018 in Paris, France

Moderator and discussant at the First CareMore Cardiovascular Update Symposium 2017: Delivering Evidence Based Care in Real World Practice, February 4th, 2017, Cerritos, California

Chair oral sessions on July 2017 at the Hyatt Regency,” Interventional Cardiology and Heart failure session for International Academy of Cardiology, 22th World Congress on Heart disease , Vancouver, Canada, July 2017

The International Academy of Cardiology Scientific Session 2017 Awards Committee for International Academy of Cardiology, 22th World Congress on Heart Disease – Vancouver, Canada, July 16, 2017

Scientific Session 2017 Abstract reviewer committee for International Academy of Cardiology, 22th World Congress on Heart Disease Scientific Session - Vancouver, BC, Canada, July, 2017

Panel member “Key practical issues for antiplatelets and antithrombotic in coronary intervention” for 18th international Congress on Cardiovascular Update, at Milad Tower International Heart, September 16, 2016, Teheran, Iran

Panel member “Approach to left main disease” for 18th international Congress on Cardiovascular Update, at Milad Tower International Heart, September 15, 2016, Teheran, Iran

Panel member “Management of heart disease in elderly, for 18th international Congress on Cardiovascular Update at Milad Tower International Heart, September 14, 2016, Teheran, Iran

Chair oral Session “Challenging cases in Interventional Cardiology, Complications” for 18th international Congress on Cardiovascular Update, at Milad Tower International Heart, September 14, 2016, Teheran, Iran

Chair Oral Session: “Acute Coronary Syndrome.; From Bench to Bedside” on 7/31/2016 at the Hyatt Regency Boston, Boston, MA International Academy of Cardiology, Annual Scientific Sessions 2016, 21st World Congress on Heart Disease Boston, MA, July 30-August 1, 2016

The International Academy of Cardiology Scientific Session 2016 Awards Committee for International Academy of Cardiology, 21th World Congress on Heart Disease – Boston, MA, USA July 2016

Scientific Session 2016 Abstract reviewer committee for International Academy of Cardiology, 21th World Congress on Heart Disease Scientific Session - Boston, MA , USA July, 2016

Chair oral session “Congestive Heart Failure” at 7th International Symposium in update in cardiovascular disease, Kowsar hospital, April, 27, 2016, Shiraz, Iran

Chair oral session “Congestive Heart Failure” at 7th International Symposium in update in cardiovascular disease, Kowsar hospital, April, 27, 2016, Shiraz, Iran

Chair oral session: Valvular Heart Disease, Mechanism and Treatment Options, ", on 7/27/2015 at the Hyatt Regency, for International Academy of Cardiology, 18th World Congress on Heart disease , Vancouver,, Canada, July 25-27 2015

Moderator at the 20th Asian Pacific Society of Cardiology Congress Abu Dhabi 2015 29 April to 2 May, 2015 at the Abu Dhabi National Exhibitions Company (ADNEC), Abu Dhabi, United Arab Emirates concurrently with the XX World Congress of Echocardiography and Allied Techniques 2015 and the 6th Annual Emirates Cardiac Society Congress 2015. Topic tract: Tip and Tricks: A Master Class for Interventionist , May first 2015

The International Academy of Cardiology Scientific Session 2015 Awards Committee for International Academy of Cardiology, 20th World Congress on Heart Disease - Vancouver, BC, Canada, July 25-27, 2015

Scientific Session 2015 Abstract reviewer committee for International Academy of Cardiology, 20th World Congress on Heart Disease - Vancouver, BC, Canada, July 25-27, 2015

Digital Panelist for Cardiovascular Research Foundation at Transcatheter Cardiovascular Therapeutics (TCT) Scientific Congress at the Washington Convention Center for Session III at Left Main and bifurcation summit: bifurcation stenting September, 15, 2014, Washington, DC

Discussant for Cardiovascular Research Foundation at Transcatheter Cardiovascular Therapeutics (TCT) Scientific Congress at the Washington Convention Center on the Panel Croatia Present to Iran, PCI vascular Complication. September 14, 2014, Washington, DC, USA

Discussant for Cardiovascular Research Foundation at Transcatheter Cardiovascular Therapeutics (TCT) Scientific Congress at the Convention Center on the Panel Iran Present to Croatia, PCI Vascular complication, Retroperitoneal hematoma, September 14, 2014, Washington, DC, USA

Faculty of Scientific Congress of Annual Scientific Symposium of the Cardiovascular Research Foundation , Transcatheter Cardiovascular Therapeutics (TCT) September 2014, Washington, DC, USA

Discussant at Transcatheter Cardiovascular Therapeutics (TCT) Congress at the section CHALLENGING CASE PRESENTATIONS IN INTERVENTIONAL CARDIOLOGY (SPONSORED BY THE IRANIAN SOCIETY and CORACIAN SOCIATEY OF INTERVENTIONAL CARDIOLOGY, September , 2014, Washington, DC

Chair Oral Session: NEW DIRECTIONS IN CARDIOVASCULAR SURGERY on 7/26/2014 at the Hyatt Regency Boston, Boston, MA International Academy of Cardiology, Annual Scientific Sessions 2014, 19th World Congress on Heart Disease Boston, MA, July 25-28, 2014

The International Academy of Cardiology Scientific Session 2014 Awards Committee for International Academy of Cardiology, 19th World Congress on Heart disease , Boston, MA, July 25-28, 2014

Scientific Session 2014 Abstract reviewer committee for International Academy of Cardiology, 19th World Congress on Heart disease Annual Scientific Session , Boston, MA, July 25-28, 2014

Chair Oral Session at 6th International Symposium in update in cardiovascular disease, Kowsar hospital, April, 24, 2014, Shiraz, Iran

Chair Oral Session: ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT", on Sunday, 7/28/2013 at the Hyatt Regency, for International Academy of Cardiology, 18th World Congress on Heart disease , Vancouver, , Canada, July 26-29 2013

The International Academy of Cardiology Scientific Session 2013 Awards Committee for International Academy of Cardiology, 18th World Congress on Heart disease, Vancouver, , Canada, July 26-29 2013

Scientific Session 2013 Abstract reviewer committee for International Academy of Cardiology, 18th World Congress on Heart Disease, Vancouver, , Canada, July 26-29 2013

Scientific Executive Committees Member of the International Academy of Cardiology and of the 18th World Congress on Heart Disease. Vancouver, Canada, July 26-29, 2013

International Academy of Cardiology, 18th World congress on Heart disease Annual Scientific Session July 26-29, 2013, Award Committee

Discussant at Transcatheter Cardiovascular Therapeutics (TCT) Congress at section CHALLENGING CASE PRESENTATIONS IN INTERVENTIONAL CARDIOLOGY (SPONSORED BY THE IRANIAN SOCIETY OF INTERVENTIONAL CARDIOLOGY, October 25, 2012, Miami Beach Convention Center, Miami

Panel member 14th National Congress on Cardiovascular Update, Persian Gulf Conference Hall Interventional Cardiology and Live Box Discussion Section, September 19, 2012, Tehran, Iran

Scientific Organizing Committee of Nursing Symposium for 14th seminar of Cardiovascular update of Nursing, Ferdosi Conference Hall, September 18-21, 2012, Teheran, Iran

Scientific Board Member for 14th National Congress on Cardiovascular Update, Persian Gulf Conference Hall at Niroo Institute Conference Center, September 18-21, 2012, Tehran, Iran

Cardiovascular Research Foundation, Transcatheter Cardiovascular Therapeutics (TCT) Faculty, October 2012, Miami, Florida, USA

Chair Session 14: Obesity – III at the TM's 2nd World Cardiovascular, Diabetes, and Obesity Online Conference, September 11-14, 2012. (10:30AM – 12:30PM, New York Time.

Chair Oral Session: "HYPERTENSION, BASIC AND CLINICAL" at the 17th world Congress on Heart disease, Fairmont Royal York Hotel, Toronto, ON, Canada, July 29, 2012

Scientific Session 2012 Award committee member for International Academy of Cardiology, 17th World Congress on Heart Disease, Toronto, ON, Canada, July 27 - 30, 2012

Chair Oral Session: "RECENT ADVANCES IN CARDIAC IMAGING / RISK PREDICTION" at the 17th world Congress on Heart disease, Fairmont Royal York Hotel, Toronto, ON, Canada, July 29, 2012

Scientific Session 2012 Abstract reviewer committee for International Academy of Cardiology, 17th World Congress on Heart disease, Toronto, ON, Canada, July 27 - 30, 2012

Member of the Scientific Advisory Boards of the International Academy of Cardiology and of the 17th World Congress on Heart Disease. Annual Scientific Session 2012, Toronto, Canada

Member of the Scientific Committee for The UM –Summit Cardiology Congress and USA & Muslim world Scientific and Technology Convergence Summit, Marrakech, December 2012

Member of the International Committee, The UM –Summit Cardiology Congress and USA & Muslim world Scientific and Technology Convergence Summit, Marrakech, December 2012

Faculty for educational sessions at the American College of Cardiology 61th Annual Scientific Session and Innovation in Intervention: i2 Summit 2012, Meet the Expert: Vascular Access Challenges and Complications Case Reviews, March 2012, Chicago, IL

Chair of the Section of Invasive and Interventional Cardiology speaker series at the BITs 3rd Annual International Congress of Cardiology, Beijing, China Dec 5, 2011

Chair, "1st world cardiovascular, diabetes, and obesity online conference, on September 24, 2011. Session 12: Cardiology clinical research and practice

Chair at 16 World Congress on Heart Disease "Interventional Cardiology" July 26, 2011, Vancouver, Canada

Chair at 16 World Congress on Heart Disease "Acute Myocardial Infarction" July 26, 2011, Vancouver, Canada

Chair at 16 World Congress on Heart Disease “Acute Coronary Syndrome” July 26, 2011, Vancouver, Canada

Combined University of Arizona Tucson and Mayo Clinic Faculty for Hands on workshop for Cardiology fellows 2011-present

Scientific Executive Committee Member of 16th world heart congress on heart disease. International Academy of cardiology, Annual Scientific Session 2011, Vancouver, Canada

Faculty for educational sessions at the American College of Cardiology 60th Annual Scientific Session and Innovation in Intervention: i2 Summit 2010, Acute coronary syndrome, April 2011, New Orleans, LA

International Academy of Cardiology, 16th World Congress on Heart disease Annual Scientific Session 2011 Abstract reviewer committee, July 2011, Vancouver, Canada

International Academy of Cardiology, 16th World congress on Heart disease Annual Scientific Session 2011 Award Committee

International Academy of Cardiology, 16th World congress on Heart disease Annual Scientific Session 2011, Member of advisory board

International Organizing committee for 3d symposium on Heat and Technology meeting at Azadi Khazar Hotel, Chalus, Iran, 2010

Panel member at the 3rd Heart and New technology symposium, “how to select appropriate stents for the patient? November 16, 2010, Chalus, Iran

Panel member at the 3rd Heart and New technology symposium, “Antiplatelet therapy update” November 17, 2010, Chalus, Iran

Panel member at the 3rd Heart and New technology symposium, “Acute vessel event” November 17, 2010, Chalus, Iran

Chair at the 3rd Heart and New technology symposium, “New Techniques and Technology” November 18, 2010, Chalus, Iran

Panel member at the 3rd Heart and New technology symposium, “Cardiovascular agents and cardiovascular medication management” November 18, 2010, Chalus, Iran

Panel member at the 3rd Heart and New technology symposium, “CPR and Stem Cell Therapy” November 18, 2010, Chalus, Iran

Chair at 15 World Congress on Heart Disease “Valvular heart disease /Heart Valve Surgery” July 26, 2010, Vancouver, Canada

International Academy of Cardiology, 15th World congress on Heart disease Annual Scientific Session 2010 Abstract reviewer committee, July 2010, Vancouver, Canada

International Academy of Cardiology, 15th World congress on Heart disease Annual Scientific Session 2010 Award Committee

Member of Scientific Advisory Boards of the International Academy of Cardiology and of the 15th World Congress on Heart Disease. Vancouver, BC, Canada, July 18-21, 2010

Interventional Scientific Section Member of American College of Cardiology, 2010-present

Member of Executive Commute at 4th Symposium at Cardiovascular Update, Shiraz, Iran, April, 28, 2010

Faculty for educational sessions at the American College of Cardiology 59th Annual Scientific Session and Innovation in Intervention: i2 Summit 2010, Atlanta Georgia

Elected as Top Young Investigator Faculty for Cardiovascular revascularization Therapies Conference, Washington, 11-2009

Abstract reviewer for cardiovascular revascularization Therapies Conference, Washington, 11-2009

Cardiovascular Research Foundation, Transcatheter Cardiovascular Therapeutics (TCT) Faculty, October 2009, Washington, DC

Collaboration with the Tbilisi State Medical University on the ISTC on the research project proposal, entitled “New antioxidants from Georgian red grapes and treatment of atherosclerosis in postmenopausal women.”, January 2009-present

Scientific Director for development of "IRANIAN NATIONAL REGISTRY". Working groups for accurate assessment of in-hospital" and "out of hospital" outcome of patients with cardiac arrest, Dec 2008-2009

Cardiovascular Research Foundation, Transcatheter Cardiovascular Therapeutics (TCT) Faculty, October 2008, Washington, DC

International 14 world Congress of Heart Disease award committee, July 2008, Toronto, Canada

Chair at 14 World Congress on heart Disease “Valvular heart disease /Heart valve surgery” July 29, 2008, Toronto, Canada

Chair at 14 World Congress on heart Disease “Acute coronary syndrome, acute MI, Interventional cardiology, July 27, 2008, Toronto, Canada

Member of Scientific Steering Committee for 14 worlds Congress of Heart Disease, July 2008, Toronto, Canada

Chair at World Congress of Cardiology “Acute Coronary syndrome from pre-hospital to the emergency room” May 2008, Buenos Aires, Argentine

Cardiovascular Research Foundation, Transcatheter Cardiovascular Therapeutics (TCT) Faculty, October 2007, Washington, DC

Medical Consultant to the State of Arizona Medical Board, Tucson, Arizona, 2006-present

Cardiovascular Research Foundation, Transcatheter Cardiovascular Therapeutics (TCT) Faculty, October 2006, Washington, DC

Faculty Scientific Committee and Expert Panel, Drug Eluting Stent, UHS Symposium, Scottsdale, Arizona, and January 22, 2003.

Faculty at the Family Medicine Symposium, University of California Irvine, Santa Ana, California, May 29, 2003.

Scientific Member: A Heart for Sport Organization for the Evaluation of Abnormal Cardiac Findings in Young Athletes, April 2003-2007.

University of Arizona Committee

Member of Arizona Assurance Program at the University of Arizona as a Mentor, 2010-2011

College of Medicine Committee

Honor Code Committee Member, University of Arizona College of Medicine, Tucson, AZ, 6/2018-6/2021

Student Appeals Committee Member, University of Arizona College of Medicine, Tucson, AZ, 2018-2020

MD/PhD Committee Member 2016-2017

Chair of the University of Arizona Continue Medical Education (CME) Committee,
August, 2012-2013, 6/2018-6/2020

Continuing Medical Education Committee Member at the University of Arizona, 2011-
2013.

Member of Faculty interview Team for internal residency program, University of Arizona
Medical Center, Tucson, AZ, 7/2006-2007

Member of for Medical School Admission Team University of California, Irvine Med
Center 1/2002-6/2006

Hospital Committees

Member of Critical Care Committee at the Southern Arizona VA health care system,
Tucson, AZ, 8/2010-5/2012

Member, Cardiac arrest hypothermia committee, at the Southern Arizona VA health care
system, Tucson, AZ 5/2010-5/2012

Member, Radiation Safety Committee at the Southern Arizona VA Med Center, Tucson,
AZ 2/2010-5/2012

Member, Institutional Review Committee UMC and VA Med Center, Tucson, AZ
7/2009-5/2012

Director of coronary care unit with collaboration with fellowship for implementation of
structural CCU teaching rounds, 2006-2008

Medical Director of Cardiac Transplant Program and Committee for accreditation of our
program as a transplant center, Tucson AZ, 2007-2008

Member/Consult for Emergency Preparedness at the University of California Irvine
Medical Center Committee, 8/2006-2008

Member of CHF Performance Committee, University of California Medical Center
1/2003-1/2005

Chair, Get with the Guidelines Performance Measurement Team, UCI Med Center
5/2001-2003

Member of Code Blue Committee, University of California, Irvine Medical Center
4/2001-6/2006

Member of Internal Medicine Residency and Fellowship interview team, UCI Medical
Center 2/2001-6/2006

Member of Chest Pain Performance Improvement Committee, UCI Medical Center
1/2001-2004

Member, Institutional Review Committee UCI Medical Center, Irvine, 10/2000-10/2003

Member of Faculty Interview Team for Internal Medicine Residency Program, UCI Med
Center 9/2000-2004

Neuroscience Business Development Committee Meeting, UCI Medical Center 1/2003-
6/2006

Hospital work

St Joseph Hospital, May 2012-present

St. Mary Hospital, Tucson, AZ, Feb 2013-present

Salt Lake Regional Medical Center, Utah, Locum, present

Gulf Coast Regional Medical Center, Panama Beach, FL, 2021-present, Locum

The Southern Arizona VA Health Care System, 6/2006-Present

Canyon Vista Medical Center, Sierra Vista, 2014-2024, Locum

CareMore Clinics, May 2012-2021, Cardiology Director

Prescott Medical Center, Prescott, AZ, 2013-2020, Locum

University of Arizona School of Medicine, Attending Professor of Medicine, 6/2006-7/2008

University of Arizona Medical Center, 6/2006-7/2008, Attending

Verde Valley Medical Center, Cotton wood, Locum, 1/2012-2013

UPH Kino Hospital, 6/2006-7/2008, Attending

Flag Staff Medical Center Locum, 2006-2018, Locum

ST Alphonses Medical Center, Boise Idaho, Locum 2009-2010

Mercy Hospital, Nampa, Idaho, Locum. 2008-2012 Locum

University of California Medical Center, Orange 2001-2006, Attending

Essential Health Hospital, Fargo, ND 6/2018-8/2018 Locum

Altrue hospital, Grand Fork, ND Locum

Mercy Hospital, Durango, CO, Locum

Ogden Regional Medical Center, Utah, Locum

Doctors Hospital Laredo, Tx, until 2024, Locum

Hospital Service

Interventional Cardiology

Trans-Thoracic Echocardiography

Transesophageal Echocardiography

Nuclear Cardiology

Cardioversion

CCU Attending

Non-invasive Laboratory

Stress testing

Outpatient Clinics

Consult Service

Community Service/Outreach

American Heart Association Heart Ball Fundraising Event, February 2025, Tucson, Arizona

Fundraising for Angel Charity, Supporting Community programs, December 2024, Tucson, AZ

Ambassador of the American Heart Association Heart meeting Congress in Washington, DC May 28, 2024 to advocate AICD availability in school.

Chair of American Heart Association Heart Ball Fundraising Event, March 2, 2024

Fundraising for Angel Charity, Supporting Community programs, December 2023, Tucson, AZ

Banner Health fundraising events for Diamond Children Hospital, April, 22, 2023

American Heart Association Heart Ball Fundraising Event, March 19, 2023

Fundraising Elrio Charity Event, Tucson, 2022

Dancing with Star Fundraising Event for Dipper Bank, Arizona, Canyon Vista Resort, April 20, 2022

Fundraising Elrio Charity Event, Tucson, 2021

Fundraising for Angel Charity, Supporting Community programs, December 2022 Tucson, AZ

ICAT Fundraising Student association, Tucson, AZ, March 2022

American Heart Association Heart Ball Fundraising Event, March 19, 2022

Fundraising for Angel Charity, Supporting Community programs, December 2022, Tucson, AZ

Fundraising for Angel Charity, Supporting Community programs, December 2021, Tucson, AZ

American Heart Association Heart Ball fundraising event, February 14, 2020

Fundraising for Angel Charity, Supporting Community, program, Angel Charity Events for Tucson, 2020

Dancing with Star Fundraising Event for Dipper Bank, Arizona, Canyon Vista Resort, April 20, 2019

Fundraising Big Brother and Sister Event, Tucson, 2019

Fundraising Tucson Medical Center event, 2019

Fundraising for Angel Charity, Supporting Community, program, Angel Charity Events for Tucson, 2019

Fundraising Elrio Charity Event, Tucson, 2019

Youths on Their Own, Tucson, 2019

Fundraising for Angel Charity, Supporting Community, program, Angel Charity Events for Tucson, 2018

A Heart for Sports Program using echocardiography to evaluate the occurrence of cardiac abnormalities in healthy young adults, Anaheim, CA, 9/8/2001.

Monthly Educational Presentation regarding cardiovascular disease at Pars TV, California, 1/2002-7/2006.

Invited Guest for Echocardiographic Evaluation of Olympic and Professional Athletes at the Cathy Turner Gulf Tournament for AHA Fundraising Event in Rochester, NY, 9/27/03-9/29/03.

Educational lectures for the community in various public presentations for CareMore 2012-present

Fundraising for Angel Charity, Supporting Community, women shelter and dipper banks program, December 2016, Tucson, AZ

Walk for American Heart Association fundraising event April 2018, Tucson, AZ

Fundraising for Angel Charity, Supporting Community, women shelter and dipper banks program, December 2017, Tucson, AZ

Tucson Spanish Chambers of Commerce fundraising event supporting Hispanic community, October 2017, Tucson, AZ

Involvement in Heart of Your Community Health Symposiums
THE AMERICAN HEART ASSOCIATION AND CAREMORE SPONSORED THE
HEART OF YOUR COMMUNITY, A COMMUNITY EDUCATION INITIATIVE TO

EMPOWER TUCSON RESIDENTS TO IMPROVE THEIR HEART AND BRAIN HEALTH. IN ADDITION TO HEALTH TOPICS, PARTICIPANTS WILL HAVE AN OPPORTUNITY TO LEARN HANDS-ONLY CPR. October 19, 2018, CareMore Care Center, Tucson, AZ

Involvement in at Heart of Your Community Health Symposiums
THE AMERICAN HEART ASSOCIATION AND CAREMORE SPONSORED THE HEART OF YOUR COMMUNITY, A COMMUNITY EDUCATION INITIATIVE TO EMPOWER TUCSON RESIDENTS TO IMPROVE THEIR HEART AND BRAIN HEALTH. IN ADDITION TO HEALTH TOPICS, PARTICIPANTS WILL HAVE AN OPPORTUNITY TO LEARN HANDS-ONLY CPR. November 16, 2018, St Mary's Hospital, Tucson, AZ

Fundraising for Angel Charity, Supporting Community, women shelters and dipper banks program, December 2018, Tucson, AZ

Supervisor of American Heart Association and CareMore sponsored Community outreach for CPR Mobile Tour, PIMA Community College, West Campus, October 3, 2018, Tucson, AZ

Supervisor of American Heart Association and CareMore sponsored Community outreach for CPR Mobile Tour, PIMA Community College, Northwest Campus, October 4, 2018, Tucson, AZ

Supervisor of American Heart Association and CareMore sponsored Community outreach for CPR Mobile Tour, Armory Park, October 5, 2018, Tucson, AZ

Go Red Event Fundraising for American Heart Association with focus on Women with Cardiovascular Disease, September 2018

Higher ground Charity fundraising, Supporting Underserved and underprivileged children in Tucson, AZ, October 2018

Big Brothers and Big Sisters Charity fundraising event, Mentorship program for youth, October 2018, Tucson, AZ

Impact of Arizona Charity fundraising event, Supporting many Charity organizations, October 2018, Tucson, AZ

Reviewer of Manuscripts and Referee of Proposals

Expert Review of Medical Devices 10/2006-present

Hospital Physician 8/2006-present
Arizona Medical Board, 7/2006-present
Cardiovascular Disease, American Board of Internal Medicine, 9/2000-2005
Interventional Cardiology Board, American Board of Internal Medicine, 3/2005-2009
Heart failure Monitor Journal 12/2005-present
Contemporary Clinical Trial Journal 12/2005-present
Heart Journal 1/2006-present
Annals of Internal Medicine 2/2006-present
European Journal of Heart Failure 5/2006-present
The Journal of Diabetes and Its Complications 1/2007-present
The American Heart Journal 1/2007-present
Clinical Cardiology 4/2007-present
Expert Review of Cardiovascular Therapy 6/2007-present
Bioinformatics and Biology Insights 7/2007-present
Experimental Physiology, 11/2007-present
Archives of Medical Science, 12/2007-present
African Journal of Biochemistry Research, 12/2007-present
The Journal of Interventional Cardiology, 1/2008-present
Iranian Journal of Medical Sciences 5/2008-present
Pacing and Clinical Electrophysiology (PACE) Journal 5/2008-present
The American Journal of Critical Care 8/2008-present
Cardiology in the Young 12/2008-present
American Journal of Cardiology 3/2009-present
British Council for UK Higher Education Institutions (HEIs), 2/2009-present
Antioxidants and Redox Signaling” Journal, 4/2009-present
Internal Medicine journal 5/2009-present
Future Cardiology Journal”, 7/2009-present
Current Medical Imaging Review, October,2009-present
Clinical Epidemiology November 2009-present
Catheterization and cardiovascular intervention, November,2009-present

Clinical Medicine: Endocrine and diabetes, November 2009-present
Journal of the American Society of Echocardiography” December 2009-present
Future Medicine, Interventional Cardiology, January 2010-present
Journal of Interventional Cardiac Electrophysiology 2010- present
Current Medical Imaging Reviews March 2010-present
Cardiovascular Revascularization Medicine Journal” April, 2010-present
Euro Intervention Journal April 2010-present
Journal of invasive Cardiology May 2010-present
Journal of Cardiac Failure October 4, 2010-present
BMC Public Health November 1, 2010-present
Acta Pharmacologica Sinica, January 2011-present
Medical Science Monitor, January 2011-present
African Journal of Pharmacy and Pharmacology, January 2011-present
Acute Cardiac Care February 2011-present
Journal on Advances in Signal Processing March 2011-present
African Journal of Biotechnology, March 2011-present
Cardiology March 2011-present
Journal of Clinical Medicine and Research, March 2011-present
Heart International, May 2011-present
Open Journal of Endocrine and Metabolic Diseases (OJEMD) 2011 t
Endocrine Journal, December 2011-present
Journal of American College of Cardiology, January 2012-present
Open Journal of Medical Imaging February 9, 2012-present
Case Reports in Cardiology Journal April 5, 2012-present
The European Journal of Clinical Investigation May 2012-present
Cell Biochemistry and Biophysics, May 2012-present
Coronary Artery Disease, July 2012-present
Vascular Medicine’ Journal, September 2012-present
Journal of Cardiothoracic Surgery October 2012-present
Journal of Diabetes and Endocrinology November 2012-present

Diabetes Care January 2013-present
African Journal of Pharmacology March 2013-present
Journal of American College of Cardiology, Cardiovascular Imaging 2013-present
Journal of Investigative Medicine April 2013-present
Obesity Facts April 2013-present
Cardiovascular Diabetology July 2013-present
Advances in Biomedical Sciences and Engineering” July 2013 -present
The Scientific World Journal October 2013-present
Expert Review of Cardiovascular Therapy April 2013 –present
Journal of Cytology & Histology November 2013-present
Current Diabetes Review, December 2013-present
SAGE Open Medicine December 2013-present
Circulation: Cardiovascular Quality and Outcomes Journal, January 2014-present
BMC Cardiovascular Disorders, July 2014-present
Journal of Pulmonary & Respiratory Medicine, September, 2014-present
BMJ Case Reports July 2014-present
Journal of Clinical Case Reports, June 2014-present
Sci Technol, June 2014-present
Pediatrics and International Child Health May 2014-present
Annals of Translational Medicine April 2014-present
Journal of Clinical Medicine June 2014-Present
Anatolian Journal of Cardiology February 2014-present
Diabetes Research and Clinical Practice, Jan 2015-present
International Cardiovascular Research Journal, 2015-present
Vascular Disease Management 2014-present
Journal of Cardiac Failure, March 2015-present
Iranian Journal of Medical Sciences, January 2015- present
Vessel Plus, November 2016-present
Cardiovascular & Hematological Disorders-Drug Targets, Dec 2016-present
International Journal of Vascular Surgery and Medicine, 2017- Present

Annals of Clinical Anesthesia Research Journal, April 2017-present
Interventional Cardiology Review journal, April 2017-present
Indian Heart Journal, April 2017-present
Clinical Obesity, April 2017-present
Heath Journal January 2018-present
Journal of American College of Cardiology, JACC May 2017 -present

Grant reviewer:

Grant Peer Reviewer for the American Heart Association, May 2010-present
Grant reviewer for Ireland Health Research Board, 10/2005-present
Grant reviewer for Alberta Children's Hospital, November 2011

Consulting Activities

Consultant: Acute Coronary Syndrome Research Development for Merck & Co, 12/2000
Consultant: Research in Cardiovascular Disease for Key Pharmaceutical, 12/2000
Consultant: Milrinone in Heart failure, Primacor National Advisory Council, 5/01-11/01
Consultant: Strategies to achieve Blood pressure Goals, Novartis 10/2001
Consultant: Antithrombotic Therapy, Pharmacia, 12/20001
Consultant for Anti Lipid therapy, Sankyo Pharmacia, 9/2002
Consultant for Development of Cardiac Interventional Device, Neomedix, 2/2002-2004
Consultant for Neomedix, Interventional Device, Orange, California, 10/2002-6/2004
Consultant for Anaheim Memorial, California, 2/ 2005
Consultant for Saint Jose Health System, California, 5/2005
Consultant for GE Health, California 10/2005-10/2007

Editor/Associate/Guest Editor:

Frontiers Cardiovascular Medicine, July 2014-April-2022
Journal of American Heart association (JAHA) 2021-present

Reviews in Cardiovascular Medicine: Special Issue Editor: Journal:

Topic: The Management of Advanced Heart Failure (Feb 2022)

Clinical Medicine Guest editor:

Topic: Percutaneous Coronary Intervention (PCI): Current Challenges and
Future Perspectives

Editorial Boards:

Endovascular Portal, July 2008

Endovascular Journal (Official journal of RCEI), September 2008

Editorial Advisory Board Member (EABM) of The Open Cardiovascular Imaging
Journal, October 2008

The Open Diabetes Journal, January 28, 200

The World Journal of Cardiology August 2009

The World Journal of Diabetes, October 2009

Research Reports in Clinical Cardiology, July 13, 2010

Chinese Journal of Clinicians, November 2010

Journal of Acute Disease, Marc, 2011

Case Reports in Cardiology, May 2011

World Journal of Cardiovascular Surgery, July 2011

Open Journal of Endocrine and Metabolic Diseases, August 2011

The Scientific World JOURNAL, October 3, 2011

Journal of Hypertension and Cardiology, May 2012

Advances in Computed Tomography, June 11, 2012

Journal of Heart Disease, July 2012

World Journal of Clinical Case Conference (WJCCC), November 2012

Journal of Cardiology and Therapy, Nov 2013

The Open Access Journal of Science and Technology, September 2013

Austin Journal of Surgery, Dec 2013

Journal of Geriatric Cardiology (JGC) January 2014

Open Journal of Endocrine and Metabolic Diseases, July 2014
Journal of Heart Surgery, June 2014
Emergency Medicine and Surgical Care, April 2014
Biomed Research International, June 2024
Annals of Sports Medicine and Research, June 2014
Austin Journal of Obesity & Metabolic Syndromes. May 2014
Austin Journal of Cardiovascular Disease & Atherosclerosis. September 2014
Annals of Obesity & Disorders, May 2016
Journal of Cardiovascular Medicine and Cardiology, March 2016
Annals of Clinical Case Reports, March 2016
Biomedical Research and Clinical Practice, Sep 2016
Journal of Cardiology and its Complications (NJCC), Sep 2016
Sports Medicine and Rehabilitation Journal, July 2016
Biomedical Research International, 2016
Advances in Obesity Treatments Journal, January 2016
Pulmonary and Respiratory Medicine, February 2017
Biomedical and Pharmacology Journal, March 22, 2017
Journal of Clinical Cardiology and Diagnostics, March 2017
Journal of Clinical and Experimental Research in Cardiology, March 2107
Global Journal of Medical and Clinical Case Reports, March 2017
International Journal of pulmonary and respiratory medicine, March 2017
Journal MED ONE, April 2017
EC Cardiology (ECCY) journal, April 2017
American Research Journals (ARJ), April 2017
Editorial Board of Med One, April 2017
Editorial Board “Pulmonology journal, May 2017
Clinical Images and Case Reports June 2017
World journal of vascular surgery November 2017
Journal of Nuclear Medicine & Radiology July 2017
Journal of Pharmacology and Therapeutics Forecast July 2017

Med plus Journal of Experimental Cardiology and Research, July 2017
Clinical Images & Case Reports, 2017
Open Access Journal of Cardiology, 2017
Journal on International Journal of Cardiology and Cardiovascular Medicine, 2017
International Archives of Clinical Physiology. 2017
Clinical and Experimental Research in Cardiology 2017
Current trends in Internal Medicine July 2107
Journal of Cardiology Forecast August 2017
Journal of Geriatric Medicine Research, August 2017
Journal of Physical and Rehabilitation Medicine Forecast, 2017
Journal of Interventional and General Cardiology August 2017
Journal of Clinical and Medical Cases August 2017
Archives of Vascular Medicine, August 2017
Greetings from Journal of Emerging and Rare Diseases, August 2017
Biomedical and Pharmacology Journal, August 2017
Indian Heart Journal Oct 2017
Journal of Cardiology & Vascular Research. Oct 2017
Heart and Cardiovascular Disorders, 7/2018
Annals of Hypertension, February 2018
MedLife Open Access, January 2018
Journal of Case Reports and Medical Images, January 2018
International Journal of Angiology and Vascular Surgery. Jan 2018
Hypertension & Vascular Biology International Journal (HVBIJ), January2018
World Journal of Diabetes, 2018
International archives of Clinical Physiology, 2018
Journal of Heart and Cardiovascular Medicine, 2018
Journal of Human Health Research (JHHR), 2018
Journal of Cardiology Research, 2018
Clinical and Medical Images International Journal, 2018
Clinics Cardiology, 2018

Annals of Basic Medical Sciences, October 2018
American Journal of Cardiovascular Surgery, 2019
International Journal of Endocrinology and Diabetes 2019
Clinics in Cardiology, 2019

PUBLICATIONS

Peer Reviewed Publications:

1. **Movahed Shariat Panahi MR**, Le Blanc SPS, Schober O, Coldewey R, Deicher H: Study of platelet associated immunoglobulin of IGG, IGM, IGA, and IGE classes and platelet kinetics in 33 patients with idiopathic thrombocytopenic purpura. *Ann Hematol* 1994; 69:121-128.
2. Hassapoyannes CA, Bergh ME, **Movahed MR**, Easterling BM, Omoigui NA: Diastolic effects of chronic digitalization in systolic heart failure. *Am Heart J* 1998;136:688-695.
3. **Movahed MR**: Infection with chlamydia pneumonia and atherosclerosis: A review. *J S C Med Assoc.* 1999;95(8):303-308.
4. **Movahed MR**, Hassapoyannes CA: Prediction of non-occurrence of syncope during a tilt-table test by early heart rate variations. *J S C Med Assoc* 2001; 97(5):207-710.
5. Hassapoyannes CA, Easterling BM, Chavda K, Chavda KK, **Movahed MR**, Welch GW: The effect of chronic digitalization on pump function in systolic heart failure. *Eur J Heart Failure* 2001;3(5):593-599.
6. Bokhari SW, **Movahed MR**, Longhurst JC: Asymmetric septal hypertrophy presenting with cardiogenic shock, complete heart block and septal infarction despite normal coronaries. *Rev Cardiovasc Med.* 2004;5(1):58-64.
7. **Movahed MR**, Kasravi B, Bryan C: Prophylactic use of vancomycin in adult cardiology and surgeries. *J Cardiovasc Pharmacol Ther* 2004;9(1):13-20.
8. **Movahed MR**: Brachytherapy with gamma radiation of a coronary artery for instant restenosis may induce regression of instant restenosis of an adjacent coronary artery without angioplasty. First case report and review of the literature. *Cardiovasc Radiat Med.* 2004; 5(4):166-70.
9. **Movahed MR**, Balian H, Moraghebi P. Reversible severe ischemic mitral regurgitation and cardiogenic shock as a complication of percutaneous coronary intervention: First case report and review of the literature. *Invasive Cardiology. J Invasive Cardiol.* 2005; 17(2):104-107.

10. **Movahed MR**, Stinis CT. Combination of angio-jet thrombectomy and full metal jacket (using four long drug eluting stents) to treat an occluded vein graft to the LAD. *TCTMD* web site, March 14, 2005.
11. **Movahed MR**. Failure of gated single photon emission computer tomography scans to detect imminent acute plaque rupture causing acute ST-elevation myocardial infarction. Case report. *Chest* 2005; 128(2): 1043-7.
12. **Movahed MR** Intravascular Ultrasound-Guided Percutaneous Coronary Intervention. A Review. *eJ S C Med Assoc*, 2005;101(1e):8e-12e
13. **Movahed MR**, Hepner A, Lizotte P, Milne N. Flattening of the interventricular septum (D-shape left ventricle) in addition to high RV tracer uptake and increased RV volume found on gated SPECT studies strongly correlates with right ventricular overload. *J Nucl Cardiol*. 2005; 12(4): 428-34.
14. **Movahed MR**, Hepner A, Ahsan C. Stinis C. “Bail Out” culotte stenting technique of a bifurcating circumflex lesion. *TCTMD* web site 2005 June 15, 2005.
15. **Movahed MR**, Hashemzadeh M, Jamal MM. Diabetes mellitus is an independent predictor of atrial fibrillation, flutter and major cardiovascular disease. *Int J Cardiol*. 2005; 105(3): 315-318.
16. Samsamshariat SA, **Movahed MR**. High rate of right ventricular infarction after ligation of mid left anterior descending artery in rats. *Cardiovasc Revasc Med*. 2005;6(1):21-23.
17. **Movahed MR**, Stinis CT, McAllister K, Kubaska III SM. Combined peripheral and coronary percutaneous intervention in a patient with unstable angina and marked bilateral lower extremity claudication. *TCTMD* web site 2005 April 6, 2005.
18. Donohue D, Ahsan C, Sanaei-Ardekani M, **Movahed MR**. Early diagnosis of stress-induced apical ballooning syndrome based on classic echocardiographic findings and correlation with cardiac catheterization. Case series with review of current literature. *J Am Soc Echocardiogr* 2005; 18(12): 1423.e1-1423.e8.
19. **Movahed MR**, Hashemzadeh, M, Jamal, MM. The prevalence of pulmonary embolism and pulmonary hypertension in patients with type II diabetes mellitus. *Chest* 2005; 128:3568-71.
20. **Movahed MR**, Jalili M, Kiciman N. Cardiovascular abnormalities and arrhythmias in patients with Ondine's Curse (Congenital Central Hypoventilation) Syndrome. A Review. *PACE* 2005; 28:1226–1230.
21. **Movahed MR**, Stinis C. Simple approach to a bifurcating vein graft lesion. *TCTMD* web site 2005 June 15, 2005.

22. **Movahed MR**, Hashemzadeh M, Jamal MM. Increased prevalence of third-degree AV block in patients with Type II diabetes. *Chest*. 2005; 128(4):2611-4.
23. Vahdat A, **Movahed MR**. A case of simultaneous kissing stents for bifurcating lesions. *TCTMD web site* 2005; June 6, 2005.
24. Samsamshariat SA, Samsamshariat ZA, **Movahed MR**. A novel method for safe and accurate left anterior descending artery ligation for research in rats. *Cardiovascular revascularization Medicine*. *Cardiovasc Revasc Med*. 2005; 6(4): 160-2.
25. **Movahed MR**, Jalili M, Kiciman N. Absence of device-device interaction (DDI) in a patient with cardiac and diaphragmatic pacemakers for congenital central hypoventilation syndrome. A case report. *PACE* 2005; 28:1238–1239.
26. Ahsan C, **Movahed MR**, McAllister K, Vu J. Reversible severe ischemic mitral regurgitation with inferior STEMI and cardiogenic shock treated with PCI and adjunct rheolytic thrombectomy. *TCTMD web site* 2005, July 7, 2005.
27. Samsamshariat SA. Hashemzadeh M, Samsamshariat ZA, **Movahed MR**. Cardiovascular and hemodynamic effect of peg (polyethylene glycol) in rats. *Cardiovasc Revasc Med*. 2005;6(2):70-72.
28. **Movahed MR**, Maraj R, Stinis C. Acute ectatic RCA occlusion treated with large lumen angio-jet thrombectomy device. *TCTMD web site* 2005, June 30, 2005.
29. Sanaei Ardekani M, **Movahed MR**, Movafagh S, Ghahramani N. Contrast-induced nephropathy: A Review. *Cardiovasc Revasc Med*. 2005; 6(2):82-88.
30. **Movahed MR**, Vu J. Early failure of bilateral internal mammary grafts with preserved saphenous vein graft in a nondiabetic patient with a history of coronary bypass grafting. *TCTMD web site* August 2, 2005.
31. Samsamshariat SA, **Movahed MR**. Using straight tip 0.035” wire and smallest infant laryngoscope for safe and easy endotracheal intubations in rats. *Cardiovasc Revasc Med*. 2005;6(4):160-2.
32. Stinis C, Ahsan C, **Movahed MR**. Delayed spontaneous recanalization of a totally occluded right coronary artery following failed percutaneous coronary intervention with associated type f dissection: case report and review. *Cardiovasc Revasc Med*. 2005;6(4):174-8.
33. **Movahed MR**, McAllister K, Maraj R. Full metal jacket of drug eluting stents of a chronically occluded LAD. *TCTMD web site* 2005 September 6, 2005.

34. Vu J, Lizotte P, **Movahed MR**. Duodenal-gastral reflex was detected during cardiac SPECT study as a possible cause of chest pain. Case of the Month. *American Society of Nuclear Cardiology* web site, case 12, 12/ 2005
35. Donohue D, **Movahed MR**. Clinical Characteristics, Demographics and Prognosis of Transient Left Ventricular Apical Ballooning Syndrome. [*Heart Fail Rev.*](#) 2005;10(4):311-6.
36. **Movahed MR**, Ahmadi-Kashani M, Saito Y. Prevalence of diastolic dysfunction in patients with a suspected clinical diagnosis of congestive heart failure. [*Heart Fail Rev.*](#) 2005;10(4):263-4.
37. **Movahed MR**, Wong J, Molloi S. Removal of iodine contrast from coronary sinus in swine during coronary angiography. *J Am Coll Cardiol* 2006; 47 465-467.
38. **Movahed MR**. Persistent and proximal migration of a large coronary thrombus during percutaneous coronary intervention in the setting of acute Q wave myocardial infarction. Case report. *Cardiovasc Revasc Med.* 2006; 7(1):48-50.
39. **Movahed MR**, Saito Y, Ahmadi-Kashani M, Kasravi B. Relation of pericardial effusion to degree of fractional shortening. *Am J Cardiol.* 2006;97(6):910-1
40. Hassapoyannes CA, Giurgiutiu DV, Bagasra A, **Movahed MR**. Utilization efficacy of non-invasive and invasive cardiac testing among stable cardiac patients undergoing non-cardiac surgery. *Cardiovasc Revasc Med.* 2006; 7(1):12-18.
41. **Movahed MR**, Stinis C. A new proposed simplified classification of coronary artery bifurcation lesions and bifurcation interventional techniques. *J Invasive Cardiol.* 2006;18(5):199-204
42. **Movahed MR**, Amani F, Stinis CT, Kubaska III SM. Combined peripheral and coronary artery percutaneous intervention in patients with significant coronary and peripheral vascular disease. Case Reports and Review. *J Invasive Cardiol.* 2006;18(5):E157-61.
43. Hassapoyannes CA, Giurgiutiu DV, Eaves G, **Movahed MR**. Apparent racial disparity in the utilization of invasive testing for risk assessment of cardiac patients undergoing non-cardiac surgery. *Cardiovasc Revasc Med.* 2006;7(2):64-69
44. Stinis C Lizotte PE, **Movahed MR**. Impaired myocardial SPECT imaging secondary to silicon- and saline-containing breast implants. *Int J Cardiovasc Imaging.* 2006 ;22 (3-4):449-55
45. **Movahed MR**, Vu J, Ahsan C. Simultaneous Acute Stent Thrombosis of Two Drug Eluting Stents in the Left Anterior Descending and the Circumflex Coronary Arteries. Case Report and Review of the Literature. *J Invasive Cardiol.* 2006;18(7):E198-202

46. **Movahed MR**, Ahmadi-Kashani M, Kasravi B, Saito Y. Increased prevalence of mitral stenosis in women. *J Am Soc Echocardiogr*, 2006;9(7) 911-913
47. Chane M, MD, **Movahed MR**, MD, PhD, Gonzalez J.I., MD. Rescue Bifurcation Left Main PCI using Kissing Stent Technique. *TCTMD* web site 2006, July 31, 2006.
48. **Movahed MR**, Nguyen NT, McAllister K, Yang JC. Systolic cessation of the flow in the mid stent segment of the previously stented ostial vein graft with normal flow during diastole. A case report and brief review. *Cardiovasc Revasc Med*. 2006;7(3):189-91.
49. Butman, S, Chane M, Kaki, A, **Movahed MR**. Successful Stenting of a Y-vein Graft Using Modified Crush Technique. *TCTMD* web site 2006, August 14, 2006.
50. **Movahed MR**, Hepner AD, Ahmadi-Kashani M. Echocardiographic Prevalence of Bicuspid Aortic Valve in the Population. *Heart Lung Circ*. 2006;15 (5):297-9.
51. **Movahed MR**. Six Months Patency of Three Long Drug Eluting Stents Documented by Surveillance Coronary Multi-Detector Computed Tomography (MDCT). *Clin. Res. Cardiol* 2006;95(11):605-609
52. **Movahed MR**, Milne N. Second Hand Smoking Is Associated With Chronic Cough And Sputum Production. *The Internet Journal of Pulmonary Medicine*. 2006; 6(2)
53. Butman S, Baweja G, **Movahed MR**. Exclusion of a proximal coronary aneurysm to improve flow and reduce the risk of distal stent thrombosis. *TCTMD* web site November 6/2006
54. **Movahed MR**, Samsamshariat, SA. Reproducible tendonitis-like symptoms related to statin therapy. *J Clin Rheumatol*. 2006 ;12(6):320-1.
55. **Movahed MR**, Vu J, Lizotte P. Failure of gated SPECT and echocardiography to detect large apical aneurysm secondary to hyperdynamic left ventricular wall at the aneurysm neck. *Cardiovasc Revasc Med*. 2006;7(4):250-4.
56. **Movahed MR**, Hepner A. Mitral Valve Prolapse is Significantly Associated with Low Body Mass Index in Addition to Mitral and Tricuspid Regurgitation, *Cardiol Young*. 2007 12:1-3
57. **Movahed MR**, Hashemzadeh M, Jamal MM. Significant Increase in the Prevalence of Non-rheumatic Aortic Valve Disease in Patients with Type 2 Diabetes Mellitus. *Exp Clin Endocrinol Diabetes*. 2007;115(2):105-7
58. **Movahed, MR**. Interference of breast implants with echocardiographic image acquisition and interpretation. *Cardiovasc Ultrasound*. 2007 Feb 23;5(1):9.1-4

59. **Movahed MR**, Milne N. Association Between Amount Of Smoking With Chronic Cough And Sputum Production: *The Internet Journal of Pulmonary Medicine*. 2007; Volume 7, Number 1.1-3
60. **Movahed MR**, Saito Y, Ahmadi-Kashani M, Ebrahimi R. Mitral annulus calcification and associated cardiac abnormalities. *Cardiovasc Ultrasound*. 2007 Mar 14;5(1):14.1-4
61. **Movahed MR**. Diabetes as a risk factor for cardiac conduction defects. A review. *Diabetes Obes Metab*. 2007;9(3):276-81.
62. **Movahed MR**, Milne N. Presence of Biventricular Dysfunction in Patients with Type II Diabetes Mellitus, *Congest Heart Fail*. 2007; 13(2): 78-80.
63. **Movahed MR**. Intracoronary communication between left anterior descending artery and occluded right coronary artery simulating large collateral. *Am Heart Hosp J*. 2007; 5(2):125-6.
64. **Movahed MR**, Ebrahimi R. The prevalence of valvular abnormalities in patients who were referred for echocardiographic examination with a primary diagnosis of “heart murmur”. *Echocardiography*. 2007;24(5):447-51
65. Stinis CT, **Movahed MR**. Cardiac evaluation, toxicity and monitoring in the treatment of breast cancer. *Semin Breast Dis*. 2007;9:160-167
66. **Movahed MR**. Antibiotic Prophylaxis in Cardiac Surgery, *Touch Briefings, US Surgery* 2007, 25-28
67. **Movahed MR**, Hashemzadeh M, Jamal MM. Diabetes mellitus is associated with higher prevalence of ventricular fibrillation. *Heart Vessels*. 2007;22(4):251-3
68. **Movahed, MR**. Attenuation Artifact during Myocardial SPECT Imaging Secondary to Saline and Silicone Breast Implants. *Am Heart Hosp J*. 2007;5(3):195-6
69. Tehrani F, **Movahed MR**. How to Prevent Echocardiographic Misinterpretation of Gerbode Type Defect as Pulmonary Arterial Hypertension. *Eur J Echocardiogr*, 2007 8(6):494-7
70. **Movahed MR**, Hashemzadeh M, Jamal MM. Increased prevalence of infectious endocarditis in patients with type II diabetes mellitus. *J Diabetes Complications*. 2007 21(6):403-6.
71. **Movahed MR**. Predictor of a negative tilt-table test result based on early heart rate variation in patients with a history of syncope. *Am. Heart Hosp J*. 2007;5(4):247-249
72. Hepner A, Ahmadi-Kashani M, **Movahed MR**. The Prevalence of Mitral Valve Prolapse in Patients Undergoing Echocardiography for Clinical Reason. *Int J Cardiol*. 2007;123:55-57

73. Askarian M, Assadian O, Safaee GR, Golkar A, Namazi S, **Movahed MR**. Vancomycin usage in a large teaching hospital in Shiraz, *East. Mediterr. Health J.* 2007;13(5):1195-1201
74. **Movahed MR**, Donohue D. Review: Transient Left Ventricular Apical Ballooning, Brocken Heart Syndrome, Ampulla Cardiomyopathy, atypical apical ballooning or Tako-Tsubo cardiomyopathy. *Cardiovasc Revasc Med* 8 2007;8(4): 289-292
75. **Movahed MR**, Butman S. The pathogenesis and treatment of no-reflow occurring during percutaneous coronary intervention. *Cardiovasc Revasc Med.* 2008;9(1):56-61
76. **Movahed MR**, Boudi B, Thai H. Successful Prophylactic Injections of Intragraft Nicardipine Prior to High Risk Saphenous Vein Graft Percutaneous Intervention for the Prevention of No-reflow, *TCTMD website*, January 18, 2008
77. Norah Milne, June Herman, Daniel Stobbe, Kenneth P. Lyons, **Movahed MR**. Right ventricular ejection fraction in patients with chronic obstructive pulmonary disease. *The Internet Journal of Cardiology.* 2008. Volume 5 Number 2.1-4
78. **Movahed MR**. Coronary Artery Bifurcation Lesion Classifications, Interventional Techniques and Clinical Outcome. *Expert Rev Cardiovasc Ther.* 2008 ;6(2):261-74
79. **Movahed MR**. Rectus Hematoma As A Complication Of Cardiac Catheterization Related To High Femoral Access Site. *The Internet Journal of Cardiology.* 2008. Volume 5 Number
80. Donohue D, Tehrani F, Jamehdor R, Lam C, **Movahed MR**. The prevalence of Brugada ECG in adult patients in a large university hospital in the western United States *Am Heart Hosp J.* 2008;6(1):48-50.
81. **Movahed MR**. Wellens' syndrome or Inverted U Waves? *Clin Cardiol.* 2008;31(3):133-134
82. **Movahed MR**, Mostafizi K, Reverse or Inverted Left Ventricular Apical Ballooning syndrome (reverse Takotsubo cardiomyopathy) in a young woman in the setting of amphetamine use. *Echocardiography.* 2008; 25(4):429-32.
83. **Movahed MR**. Impairment of echocardiographic acoustic window caused by breast implants. *Eur J Echocardiogr.* 2008; 9(2): 296-7.
84. **Movahed MR**, Martinez A, Morrell H, Greaves S, Greaves J, Sattur S. Gender Differences in Reporting Physical Symptoms During Screening Echocardiography in Healthy Teenage Athletes, *Cardiol Young.* 2008;18(3):303-6
85. Ebrahimi R, Saleh J, Toggart E, Shah A, Azmoon S, Babaei H, Lee J, Smith R, **Movahed MR**, Rubin S. Effect of Preprocedural Statin Therapy on Procedural Myocardial Infarction and

Major Cardiac Adverse Events in Percutaneous Coronary Intervention: A Meta-Analysis. *J Invasive Cardiol*. 2008;20(6):292-5

86. **Movahed MR**, Saito Y. Obesity is associated with left atrial enlargement, E/A reversal and left ventricular hypertrophy. *Exp Clin Cardiol*, 2008;13(2): 89-91

87. Hepner A, Morrell H, Greaves S ' Greaves J, **Movahed MR**. Prevalence of Mitral Valve Prolapse in Young Athletes, *Cardiol Young*. 2008; 18(4):402-4.

88. Friedman M, Ly S, **Movahed MR**. A Complex Coronary Bifurcation (BL2V) Lesion Best Suitable for the Kissing Stent Technique, TCTMD web site, April 7, 2008

89. **Movahed MR**. Post coronary bypass surgery angiography and interventions., *Endovascular Portal at CT Network web site*, August 2008

90. **Movahed MR**, Peters C, Thai H. The use of second wire positioned in the aorta for optimal ostial localization of a vein graft ostial lesion combined with the use of Intragraft Nicardipin for the prevention of no-reflow, *TCTMD web site*, August 2008

91. Ramaraj R, **Movahed MR**. Microvascular dysfunction following primary percutaneous coronary intervention in the setting of ST elevation myocardial infarction, *J Invasive Cardiol*. 2008 ;20(11):603-14

92. **Movahed MR**, Kern K, Thai H, Ebrahimi R, Friedman M, Slepian M. Coronary Artery Bifurcation Lesions: An Update on Classification and Interventional Techniques, *Cardiovasc Revasc Med* 2008;9(4):263-8.

93. **Movahed MR**, Baweja G. Distal administration of very high doses of intracoronary adenosine for the treatment of resistant no-re flow. *Exp Clin Cardiol* 2008;13 (3) 141-143

94. **Movahed MR**. How should we approach coronary artery bifurcation lesions? A guide for coronary bifurcation lesion specific interventional techniques, *Iran J Med Sci* 2008; 33(4): 187-194

95. **Movahed MR**, Milne N. poor Correlation between left and right ventricular ejection in patients without cardiomyopathy. *Exp Clin Cardiol*, 2008 ;13(4):179-81

96. **Movahed MR**. What we should know about bifurcation disease. *J Am Coll Cardiol Intv*, 2008; 1:595-596

97. Hashemzadeh M, Furukawa M, Goldsberry S. **Movahed MR**. Intravenous Glycoprotein IIb/IIIa receptor blockers: Chemical Structures and Mode of action. A review, *Exp Clin Cardiol*, 2008; 13(4):192-7.

98. **Movahed MR**, Rahman S., Mostafizi K, Thai H. Spontaneous Early Recanalization of a Totally Occluded Diagonal Branch Occurring During PCI of a Bifurcation LAD Lesion, 2009, *TCTMD web site*, January 26, 2009
99. Khoynezhad A. **Movahed MR**, Hashemzadeh M, Emaminia A. Jalali Z. Perioperative management of patients on adenosine diphosphate inhibitors in the era of drug-eluting stents: review of the literature and clinical implications. *Curr Med Chem*. 2009;16(5):591-8
100. **Movahed MR**, Martinez A, Greaves J, Greaves S, Morell H, Hashemzadeh M. Left Ventricular Hypertrophy Is Associated with Obesity, Male Gender, and Symptoms in Healthy Adolescents. *Obesity* (2009) 17, 606-610.
101. **Movahed MR**, Saito Y. Lack of association between obesity and left ventricular systolic dysfunction, *Echocardiography*. 2009 Feb;26(2):128-32
102. John J. Juneman E. Thai H. **Movahed MR**. Angiographic Finding in a Patient with a History of Aortic Aneurysm Repair with Prosthetic Aortic and Dacron Tube Grafts, *TCTMD web site*, April 13, 2009
103. Ramaraj R. **Movahed MR**. Sharp chest Pain occurring during right ventricular biopsy in a patient 9 years after cardiac transplant, *Exp Clin Transplant*, 2009 ;7(1):56-7
104. Safety and tolerability of SCH 530348 in patients undergoing non-urgent percutaneous coronary intervention: a randomized, double-blind, placebo-controlled phase II study. TRA-PCI Investigators (**M. Movahed**). *Lancet*. 2009 14;373(9667):919-28.
105. **Movahed MR**. Comparison of Percutaneous Coronary Intervention with Bare-Metal and Drug-Eluting Stents for Cardiac Allograft Vasculopathy. Problems with listing patients for re-transplantation on clopidogrel, *J Am Coll Cardiol Interv*, 2009 May;2(5):474
106. Jayasuriya J, **Movahed, MR**. Infectious endocarditis with systemic septic embolization as a rare complication of cardiac catheterization. 2009, *Exp Clin Cardiol*. 2009; 14(1):e17-20.
107. Ramaraj R. Sorrell VL, **Movahed MR**. Levels of troponin release can aid in the early exclusion of stress induced (Tako-Tsubo) cardiomyopathy, *Exp Clin Cardiol*. 2009 ;14(1):6-8
108. **Movahed MR**. Timing of coronary artery bypass grafting in patients on clopidogrel therapy, A review, *Endovascular Journal* 2009;2(1):3-4
109. **Movahed MR**, Ramaraj R., Hashemzadeh M. Jamal MM. Hashemzadeh M. Rate of acute ST elevation myocardial infarction in the United States from 1988 to 2004 (From the nationwide Inpatient Sample [NIS]). *Am J Cardiol*, 2009 1; 104(1):5-8.
110. **Movahed MR**. Letter by Movahed regarding article, "Randomized Study of the Crush Technique Versus Provisional Side-Branch Stenting in True Coronary Bifurcations: The

CACTUS (Coronary Bifurcations: Application of the Crushing Technique Using Sirolimus-Eluting Stents) Study, *Circulation*. 2009 25;120(8):e63

111. Hashemzadeh M, Goldsberry S, Furukawa M, **Movahed MR**. ADP receptor blockers Thienopyridines: Chemical Structures, Mode of Action and Clinical Use. A Review. *J Invasive Cardiol*. 2009, 21(8):406-12.

112. Safi M, Eslami V, Shabestari AA, Saadat H, Namazi MH, Vakili H, **Movahed MR**. Extrinsic compression of left main coronary artery by the pulmonary trunk secondary to pulmonary hypertension documented using 64-slice multidetector computed tomography coronary angiography. *Clin Cardiol*. 2009;32(8):426-8.

113. **Movahed MR**, Ramaraj R., Jamal MM. Hashemzadeh M. Decline in the Nationwide Trends of In-hospital Mortality of Patients undergoing Multivessel Percutaneous Coronary Intervention, *J Invasive Cardiol*. 2009;21(8):388-90

114. **Movahed MR**, Ramaraj R., Jamal MM. Hashemzadeh M. Nationwide trends in the utilization of percutaneous coronary intervention (PCI) in the United State based on gender and ethnicities. *Euro Intervention*, 2009 ;5(3):343-8.

115. **Movahed MR**, Ramaraj R. Jamal MM, Hashemzadeh M. Nationwide trends in the utilization of multivessel percutaneous coronary intervention (MVPCI) in the United State across different gender and ethnicities, *J Interv Cardiol*. 2009;22(3):247-51

116. Wallentin L, Becker RC, Budaj A, Cannon CP, Emanuelsson H, Held C, Horrow J, Husted S, James S, Katus H, Mahaffey KW, Scirica BM, Skene A, Steg PG, Storey RF, Harrington RA; PLATO Investigators (**Movahed MR**) , Freij A, Thorsén M. Ticagrelor versus clopidogrel in patients with acute coronary syndromes. *N Engl J Med*. 2009;10;361(11):1045-57

117. **Movahed MR**, John J, Hashemzadeh M, Jamal MM. Hashemzadeh M. Trends in the age adjusted mortality from acute ST segment elevation myocardial infarction in the United States (1988-2004) based on race, gender, infarct location and comorbidities. *Am J Cardiol*. 2009,15;104(8):1030-4

118. Hashemzadeh M, **Movahed MR**. The occurrence of asthma in hospitalized patients with type 2 diabetes mellitus, *Intern Med J*. 2009;39(10):699-701

119. **Movahed MR**. Quantitative angiographic methods for bifurcation lesions: A consensus statement from the European bifurcation group. Shortcoming of the Medina classification as a preferred classification for coronary artery bifurcation lesions in comparison to the Movahed classification. *Catheter Cardiovasc Interv*. 2009 1;74(5):817-8

120. Attaran RR, Ramaraj R, Sorrell VL, **Movahed MR**. Poor Correlation of Estimated Pulmonary Artery Systolic Pressure between Echocardiography and Right Heart Catheterization

in Patients awaiting Cardiac Transplantation: Results from the Clinical Arena, *Transplant Proc.* 2009;41(9):3827-30

121. Khoynezhad A, Celis R, Hashemzadeh M, **Movahed MR**, Jalali Z. Current Status of thoracic endografting and its adjunctive pharmacology, *Expert Opin Pharmacother.* 2009 Dec; 10(17): 2871-81.

122. Namazi MH, Eslami V, Norouzi S, Taherkhani M, Safi M, Saadat H, Vakili MH, Bayatimo F, **Movahed MR**. Isolated noncompaction of left ventricular myocardium with an unusual presentation of angina pectoris. *Rev Cardiovasc Med.* 2009; 10(4): 232-5.

123. Saadat H. Taherkhani M, Safi M, Vakili H, Namazi H, Poorhosseini HR, **Movahed MR**. Percutaneous Treatment of Spontaneous Left Main Coronary Dissection Extending to the Left Anterior Descending and Circumflex Arteries Possibly Triggered by Thrombolytic Therapy, *Int J Angiol*, 2009;18(3):151-154

124. Saadat H, Taherkhani M, Mohammadi A, Shabestari AA, **Movahed MR**. Rectus hematoma. An under-recognized Complication of Transfemoral Cardiac Catheterization. *Am Heart Hosp J.* 2009; 7(2):E128-9.

125. **Movahed MR**, Hashemzadeh M, Jamal MM, Ramaraj R. Decreasing in-hospital mortality of patients undergoing percutaneous coronary intervention with persistent higher mortality rates in women and minorities in the United State, *J Invasive Cardiol.* 2010 ;22(2):58-60

126. **Movahed MR**. Re: Provisional vs. complex stenting strategy for coronary bifurcation lesions: meta-analysis of randomized trials. *J Invasive Cardiol.* 2010; 22(3):148-9.

127. **Movahed MR**. Is it time to consider the Movahed classification as the preferred classification for coronary bifurcation lesions? *EuroIntervention* 2010 Jan;5(6):652-3

128. Serrati AR, Namazi MH, Nejad BK, Varedi P, **Movahed MR**. Clinical characteristics and Prognosis of pulmonary vein Leiomyosarcoma. A review and survival analysis of reported cases. *Echocardiography.* 2010; 27(2):210-4.

129. **Movahed MR**. Studies involving coronary bifurcation interventions should utilize the most comprehensive and technically relevant Movahed coronary bifurcation classification for better communication and accuracy. *Am J Cardiol.* 2010;105(8):1204-5.

130. **Movahed MR**. B2 Lesions Are True Bifurcation Lesions Simply Categorized as one Group According to the Movahed Bifurcation Classification, *J Invasive Cardiol.* 2010;22(5):252.

131. **Movahed MR**, Ramaraj R, Hashemzadeh M, Hashemzadeh M. Nationwide trends in the age adjusted prevalence of non- ST elevation myocardial infarction (NSTEMI) across various races and gender in the United State, *Acute Card Care*. 2010;12(2):58-62
132. **Movahed MR**. Transient cardiac ballooning is not the best nomenclature for takotsubo cardiomyopathy as it does not capture all variants of this syndrome. Stress Cardiomyopathy is a much better term for this syndrome, *Clin Cardiol*. 2010 ;33(4):241-2
133. **Movahed MR**, Hashemzadeh M, Khoyneshad, A, Jamal MM, Ramaraj R. Gender and race specifics nationwide trends in the utilization of coronary bypass surgery (CABG) in the United States, *J. Thorac. Cardiovasc. Surg*. 2010;139(6):1545-7
134. Murarka S, **Movahed MR**. Review of Movahed's Sign (D shaped left ventricle seen on gated SPECT) suggestive of right ventricular overload, *Int J Cardiovasc Imaging*. 2010 ;26(5):553-7
135. **Movahed MR**, Sattur S, Hashemzadeh M. Independent association between type 2 diabetes mellitus and hypertension over a period of 10 years in a large inpatient population, *Clin Exp Hypertens*. 2010 May;32(3):198-201
136. Sattur S, Bates S, **Movahed MR**. Prevalence of mitral value prolapse and associated valvular regurgitations in healthy teenagers undergoing screening echocardiography, *Exp Clin Cardiol*. 2010;15(1):e13-5.
137. **Movahed MR**, Sattur S. Low ejection fraction documented during cardiac catheterization is significantly associated with long term all-cause mortality, *Cardiovasc Revasc Med*. 2010;11(3):163-6
138. **Movahed MR**. Major differences between hydrophilic-coated radial sheaths in regard to skin infection and reaction. *JACC Cardiovasc Interv*. 2010; 3(8):885.
139. Safi M, Taherkhani M, Badalabadi RM, Eslami V, **Movahed MR**. Coronary aneurysm and silent myocardial infarction in an adolescence secondary to undiagnosed childhood Kawasaki disease. *Exp Clin Cardiol*. 2010; 15(1):e18-9.
140. Serrati AR, Motamedi MR, Emami S, Varedi P, **Movahed MR**. L-carnitine treatment in patients with mild diastolic heart failure is associated with improvement in diastolic function and symptoms, *Cardiology*. 2010;116(3):178-182
141. **Movahed MR**. Outcomes of patients with coronary artery perforation complicating percutaneous coronary intervention and correlations with the type of adjunctive antithrombotic therapy: pooled analysis from REPLACE-2, ACUITY, and HORIZONS-AMI trials, *J Interv Cardiol*. 2010 Apr;23(2):203

142. **Movahed MR**, Hashemzadeh M. Persistent independent association between diabetes and asthma after adjustment for obesity. *Intern Med J*. 2010;40(6):472
143. Saadat H, Emami S, Namazi MH, Safi M, Vakili H, **Movahed MR**. A difficult pacemaker implantation. Detection of a wrong course due to Sinus Venosus Type Atrial Septal Defect, *Congenit Anom* . 2010; 50(3):203-4.
144. Murarka S, **Movahed MR**. “Diabetes Cardiomyopathy, A Review” *J Card Fail*. 2010 Dec;16(12):971-9.
145. Ramaraj R, **Movahed MR**. Reverse or inverted tako-tsubo cardiomyopathy (reverse left ventricular apical ballooning syndrome) presents at a younger age compared to mid or apical variant and is always associated with triggering stress, *Congest Heart Fail*. 2010 Nov;16(6):284-6
146. Saleh L, **Movahed MR**. Successful conservative treatment of an undeployed embolized intracoronary stent with dual antiplatelet and warfarin therapy, *Exp Clin Cardiol*. 2010 Fall;15(3):e70-2
147. **Movahed MR**, Important echocardiographic features of Takotsubo or stress induced cardiomyopathy that can aid for early diagnosis, *JACC Cardiovasc Imaging*. 2010 Nov;3(11):1200-1
148. **Movahed MR**, Ultrasound-guided internal jugular vein cannulation., *N Engl J Med*. 2010 Aug 19;363(8):796
149. Murarka S, Attaran R, **Movahed MR** Correlation between Estimated Ejection Fraction Measured by Echocardiography with Ejection Fraction Estimated by Cardiac Catheterization in Patients Awaiting Cardiac Transplantation, *J Invasive Cardiol*. 2010 Dec;22(12):571-3
150. **Movahed MR**, Strootman D, Bates S, Sattur S. Prevalence of suspected hypertrophic cardiomyopathy or left ventricular hypertrophy based on race and gender in teenagers using screening echocardiography, *Cardiovasc Ultrasound*, 2010: 10;8:54
151. Tajik R, Saadat H, Taherkhani M, Movahed **MR**. Angina Induced by 5-Fluorouracil Infusion in a Patient with Normal Coronaries, *Am Heart Hosp J*, 2010;(2):111-112
152. Khitri A, Jayasuriya S, Habibzadeh MR, **Movahed MR**. Coronary stenting in patients with medically resistant vasospasm. A review with a case presentation of a patient with recurrent vasospasm triggering complete heart block and ST- elevation successfully treated with stenting. *Rev Cardiovasc Med*. 2010;11(4):264-70
153. **Movahed MR**, Bates S, Strootman D, Sattur S. Obesity in adolescence is associated with left ventricular hypertrophy and hypertension. *Echocardiography*. 2011 Feb;28(2):150-3

154. Habibzadeh MR, Thai H, **Movahed MR**, Prophylactic Intragraft Injection of Nicardipine Prior to Saphenous Vein Graft Percutaneous Intervention for the Prevention of No-reflow, A Review and Comparison to Protection Devices, *J Invasive Cardiol*. 2011 May;23(5):202-6
155. **Movahed MR**, Letter by Movahed regarding article, "simple or complex stenting for bifurcation coronary lesions: a patient-level pooled analysis of the nordic bifurcation study and the british bifurcation coronary, *Circ Cardiovasc Interv*. 2011 Jun 1;4(3):e20
156. **Movahed MR**. Gated SPECT study can detect abnormal RV structure or function, *Nat Rev Cardiol*. 2011 May;8(5):290
157. Attaran R, Butman S, **Movahed MR**. Going around the bend: deep inspiration facilitates difficult stent delivery in the native coronary arteries, *Tex Heart Inst J*. 2011;38(3):270-4.
158. Arsanjani R, Goldman S, Habib M, **Movahed MR**. Modified thrombolytic therapy for massive pulmonary emboli, *Am J Med*. 2011 Aug;124(8):e7-8
159. Ramaraj R, **Movahed MR**, Hashemzadeh M. Ticagrelor, A Novel Anti-platelet Agent Ticagrelor in the Management of Acute Coronary Syndrome, *J Interv Cardiol*. 2011 Jun;24(3):199-207
160. **Movahed MR**. Major limitations of randomized clinical trials involving coronary artery bifurcation interventions. Time for redesigning clinical trials by involving only true bifurcation lesions and using appropriate bifurcation classification, *J Interv Cardiol*. 2011 Aug;24(4):295-301.
161. **Movahed MR**. Regarding changing outcomes and treatment strategies for wire induced coronary perforations in the era of bivalirudin use. A word of caution concerning the use of bivalirudin during coronary intervention for lesions at high risk for perforation. *Catheter Cardiovasc Interv*. 2011 Feb 15;77(3):456
162. Habibzadeh MR, **Movahed MR**. A runaway Clot, *Acute Card Care*. 2011 Sep;13(3):189
163. Hashemzadeh M, **Movahed MR**, Russu WA, Soroush L, Hill DN. Novel Design and synthesis of Modified Structure of Carvedilol, *Recent Pat Cardiovasc Drug Discov*. 2011 Sep 1;6(3):175-9
164. **Movahed MR**, John J, Hashemzadeh M, Hashemzadeh M. Mortality Trends for Non-ST Segment Elevation Myocardial Infarction in the United States from 1988 to 2004, *Clin Cardiol*. 2011 Nov;34(11):689-92
165. Namazi, MH, Biglari M, Khani M, Eslami V, **Movahed MR**. Acute Myocardial Infarction Secondary to Suspected Paradoxical Emboli through Patent Foramen Ovale in a Young Woman. *Am Heart Hosp J*. 2011;9(2):122-4

166. Arsanjani R, Khitri A, Hashemzadeh M, **Movahed MR**. Low dose unfractionated heparin administration during intravascular ultrasound studies is safe even shortly after endomyocardial biopsy in cardiac transplant patients, *J Invasive Cardiol*. 2012 ;24(4):154-6
167. **Movahed MR**. Very high perforation rate in patients undergoing unsuccessful percutaneous coronary interventions of chronic total occlusions could explain worse outcome in these patients and not chronically occluded artery, *JACC Cardiovasc Interv*. 2012;5(1):1
168. Juneman E, Saleh L, Thai H, Goldman S, **Movahed MR**. Successful coronary angiography with adequate image acquisition using combination of gadolinium and power injector in a patient with severe iodine contrast allergy. *Exp Clin Cardiol*. 2012 ;17(1):17-9
169. Hekmat M, Rafieian S, Ansariavval Z, Khani M, Taherkhani M, **Movahed MR**. Asymptomatic pediatric pulmonic valve myxoma involving the right ventricular outflow tract: A case report and review of the literature. *J Heart Valve Dis*. 2012, ;21(3):398-400.
170. Khan F, **Movahed, MR**, Jung J. Pasteurella Multicida Endocarditis, *J Heart Valve Dis*. 2012 Mar;21(2):260-2
171. Arsanjani R, Echeverri J, **Movahed MR**. Successful Coil Embolization of Pericardiophrenic Artery Perforation Occurring during Transradial Cardiac Catheterization via Right radial Artery. *J Invasive Cardiol*. 2012 ;24(12):671-4.
172. Thal S, Boyella R, Arsanjani R, Thai H, Juneman E, **Movahed MR**, Goldman S. Unusual combination of Holt-Oram Syndrome and persistent left superior vena cava, *Congenit Heart Dis*. 2012 ;7(4):E46-9
173. Safi M, Pour Ebrahim N, Namazi MH, Saadat H, Vakili H, Hekmat M, **Movahed MR**. Traumatic coronary artery fistula closure with stent graft. Successful closure of a coronary artery fistula and aneurysm secondary to penetrating chest trauma using cover stent. *Methodist Debaque Cardiovasc J*. 2012 Apr-Jun;8(2):59-60
174. **Movahed MR**, Ramaraj R Hashemzadeh M, Khoyneshad, A, Hashemzadeh M. Declining in-hospital mortality in patients undergoing coronary bypass surgery (CABG) in the United States irrespective of presence of type 2 diabetes or congestive heart failure, *Clin Cardiol*. 2012;35(5):297-300
175. Khoubyari R, Arsanjani R, Habibzadeh M, Echeverri J, **Movahed MR**. Successful Removal of Entrapped and Kinked Catheter during Right Transradial Cardiac Catheterization by Snaring and Unwinding the Catheter via Femoral Access. *Cardiovasc Revasc Med*. 2012 May;13(3):202.e1-3

176. Namazi MH, Tajik Rostami R, Mohammadi A, Latifi Amini A, Safi M, Saadat H, Vakili H, Motamedi MR, **Movahed MR**. Iatrogenic left Main artery dissection: A catastrophic complication, *Exp Clin Cardiol*. 2012 ;17(4):254-6
177. Khan MF, **Movahed MR**. Obesity cardiomyopathy and systolic function: Obesity is not independently associated with dilated Cardiomyopathy. *Heart Fail Rev*. 2013 Mar;18(2):207-17
178. **Movahed MR**, Ram V, Arsanjani R. Optimal visualization of five different stent layers during and after percutaneous coronary intervention for recurrent in-stent restenosis using optical coherence tomography (OCT). *Cardiovasc Revasc Med*. 2012 ;13(5):292-4
179. Ramaraj R, Manrique C, Hashemzadeh M. **Movahed MR**,” Mitral annulus calcification is independently associated with all-cause mortality” Experimental and Clinical Cardiology, *Exp Clin Cardiol*. 2013;18(1):e5-e7
180. Khan MF, Wendel CS, **Movahed MR**. Prevention of Post CABG (coronary artery bypass grafting) Atrial fibrillation: efficacy of prophylactic Beta Blockers in the modern era. A meta-analysis of the latest randomized controlled trials. *Ann Noninvasive Electrocardiol*. 2013 Jan;18(1):58-68
181. Strategies for multivessel revascularization in patients with diabetes. Farkouh ME, Domanski M, Sleeper LA, Siami FS, Dangas G, Mack M, Yang M, Cohen DJ, Rosenberg Y, Solomon SD, Desai AS, Gersh BJ, Magnuson EA, Lansky A, Boineau R, Weinberger J, Ramanathan K, Sousa JE, Rankin J, Bhargava B, Buse J, Hueb W, Smith CR, Muratov V, Bansilal S, King S 3rd, Bertrand M, Fuster V (**Movahed MR**) ; FREEDOM Trial Investigators. *N Engl J Med*. 2012 Dec 20;367(25):2375-8
182. Neguyn J, Juneman E, **Movahed MR**. The value of betablockers administration during recovery phase of dobutamine stress echocardiography. A Review, *Echocardiography*. 2013 Jul;30(6):723-9
183. Khan MF, Wendel CS, Thai HM, **Movahed MR**. Effects of percutaneous revascularization of chronic total occlusions on clinical outcomes: A meta-analysis comparing successful versus failed percutaneous intervention for chronic total occlusion. *Catheter Cardiovasc Interv*. 2013 Jul 1;82(1):95-107.
184. Eslami V, Safi M, Taherkhani M, Adibi A, **Movahed MR**. Evaluation of QT, QT dispersion and T wave peak to end time changes after primary percutaneous coronary intervention in patients presenting with acute ST elevation myocardial infarction. *J Invasive Cardiol*. 2013 May;25(5):232-4.
185. Khan M, Herle A. **Movahed MR**. Risk Factors for Post-Coronary Artery Bypass Grafting (CABG) Atrial Fibrillation and the Role of Aspirin and Beta Blockers in its Prevention, *JAFIB* 2013;5 (5): 10

186. **Movahed MR**, Khan MF, Hashemzadeh M, Hashemzadeh M. Gradual decline in the age adjusted in-hospital mortality rate from STEMI related cardiogenic shock irrespective of cause, race or gender with persistent higher mortality rates in women despite multivariate adjustment. *J Invasive Cardiol*. 2014 Jan;26(1):7-12.
187. **Movahed MR**. The optimal treatment of STEMI: New pharmacological and device approaches, *Panminerva Med*. 2013;55(4):339-43.
188. Manrique C, Ramaraj R, Hashemzadeh M, **Movahed MR**, Persistent Independent association between left atrial enlargement and all-cause mortality over a decade" *Experimental & Clinical Cardiology* , 2013
189. Pasha AK, Elder MD, Khurram D, Snyder AB, **Movahed MR**. Successful management of acute massive pulmonary embolism using Angiovac suction catheter technique in a thermodynamically unstable patient. *Cardiovasc Revasc Med*. 2014;15(4):240-3
190. Hashemzadeh M, Park S, Ju H, **Movahed MR**. A novel design of combining the angiotensin converting enzyme (ACE) inhibitor captopril with the angiotensin receptor blocker (ARB) losartan using homo coupling via PEG diacid linker. *Recent Pat Cardiovasc Drug Discov*. 2013 ;8(3):221-5.
191. Pasha AK, Elder MD, Malik UE, Khalid AM, Noor Z, **Movahed MR** Symptomatic radial artery thrombosis successfully treated with endovascular approach via femoral access route. *Cardiovasc Revasc Med*. 2014;15 (6-7) : 357-9.
192. O'Donoghue ML, Braunwald E, White HD, Steen DP, Lukas MA, Tarka E, Steg PG, Hochman JS, Bode C, Maggioni AP, Im K, Shannon JB, Davies RY, Murphy SA, Crugnale SE, Wiviott SD, Bonaca MP, Watson DF, Weaver WD, Serruys PW, Cannon CP (**Movahed MR**) ; SOLID-TIMI 52 Investigators. Effect of darapladib on major coronary events after an acute coronary syndrome: the SOLID-TIMI 52 randomized clinical trial. *JAMA*. 2014; 10;312(10):1006-15
193. Suryanarayana P, Kollampare S, Riaz IB, Lee J, Husnain M, Luni FK, **Movahed MR**. Presence of Anomalous Coronary Seen on Angiogram Is Not Associated with Increased Risk of Significant Coronary Artery Disease, *Int J Angiol*. 2014;23(4):243-6.
194. Murarka S, **Movahed MR**. The use of micropuncture technique for vascular or body cavities access. A review. *Rev Cardiovasc Med*. 2014;15(3):245-51.
195. **Movahed MR**. D-shaped left ventricle seen on gated single-photon emission computed tomography is suggestive of right ventricular overload: the so-called Movahed's sign. *Am J Med*. 2014 ;127(12):e37.
196. Hashemzadeh, M, **Movahed, MR**, Arreguin JM. Vorapaxar: A new Antiplatelet Therapy. *Cardiol Pharmacol*, 2014;4:128

197. **Movahed, MR**, Khan MF, Hashemzadeh M, Hashemzadeh M. Age adjusted nationwide trends in the incidence of all cause and ST elevation myocardial infarction associated cardiogenic shock based on gender and race in the United States. *Cardiovasc Revasc Med*. 2015;16(1):2-5
198. Yaghmour N, **Movahed MR**. Willingness to perform chest compression only for witnessed cardiac arrest victims versus cardiopulmonary resuscitation in Iran, *Int Cardiovasc Res J*. 2015;9(1)
199. Namazi MH, Khaheshi I, Serati AR, **Movahed MR**. Resistant hypertension due to unilateral renal artery occlusion as the first presentation of antiphospholipid syndrome. *Cardiovasc Revasc Med*. 2015 ;16(3):190-1
200. Hashemzadeh M., Arreguin MA, Roberts T, **Movahed MR**, A Novel In hibitor of Protease-activated Receptor 1: A review of Chemical Structure and Mode of action, *Rev Cardiovasc Med*. 2015;16(1):68-73.
201. Cannon CP, Blazing MA, Giugliano RP, McCagg A, White JA, Theroux P, Darius H, Lewis BS, Ophuis TO, Jukema JW, De Ferrari GM, Ruzyllo W, De Lucca P, Im K, Bohula EA, Reist C, Wiviott SD, Tershakovec AM, Musliner TA, Braunwald E, Califf RM (**Movahed M**); Ezetimibe Added to Statin Therapy after Acute Coronary Syndromes. IMPROVE-IT Investigators. *N Engl J Med*. 2015;18;372(25):2387-97.
202. Taherkhani M, Hashemi SR, Hekmat M, Safi M, Taherkhani A, **Movahed MR**. Survival analysis of thrombolytic therapy for right sided mechanical pulmonic and tricuspid valve thrombosis in a diverse population, *Tex Heart Inst J*, 1;42(6):543-7, 2015
203. **Movahed MR**, Lata K. Any degree of mitral regurgitation found during invasive ventriculography is associated with all-cause mortality, *Int J Angiol*. 2015;24(4):275-7
204. Suryanarayana P, Kollampare S, **Movahed MR**. Spontaneous resolution of catheter induced iatrogenic vein graft dissection. First case report and review of literature, *Int J Angiol*. 2016 ;25(5):e123-e125
205. Namazi MH, Khaheshi I, Serati AR, **Movahed MR**. The Safety of Using Large Amount (30 cc) of Onyx (Ethylene-vinyl Alcohol Copolymer) for the Treatment of Large Type II Endoleak after Endovascular Repair of Abdominal Aortic Aneurysm. *Int J Angiol*. 2016 ;25(5)
206. Safi M, Eslami V, Namazi MH, Vakili H, Saadat H, Alipourparsa S, Adibi A, **Movahed MR**. Visual-Functional Mismatch Between Coronary Angiography, Fractional Flow Reserve, and Quantitative Coronary Angiography *Int J Angiol*. 2016;25(4):229-234
207. Safi M, Namazi MH, Fooladi E, Vakili H, Parsa SA, Khaheshi I, Abbasi MA, **Movahed MR**. Comparison of fractional flow reserve measurements using intracoronary adenosine versus

intracoronary sodium nitroprusside infusions in moderately stenotic coronary artery lesions. *Cardiovasc Revasc Med*. 2016;17(7):441-443.

208. **Movahed MR**, Lee JZ, Lim WY, Hashemzadeh M, Hashemzadeh M. Strong independent association between obesity and essential hypertension. *Clin Obes*. 2016 ;6(3):189-92

209. **Movahed MR**. Reverse Movahed Maneuver: Maximal Expiration Maneuver during Saphenous Vein Graft Intervention for Facilitated Balloon and Stent Delivery in Tortuous Vein Grafts. A Novel Technique, *Int J Angiol*. 2016 ;25(5):e66-e69

210. Namazi MH, Serati AL, Vakili H, Safi M, Pour parsia SA, Saadat H, Taherkhani M, Emami S, Pedari S, Vatanparast M, **Movahed MR**. A Novel Risk Score in Predicting Failure or Success for Anterograde Approach to Percutaneous Coronary Intervention of Chronic Total Occlusion (Antrograde CTO score), *Int J Angiol*. 2017;26(2):89-94.

211. Ghasemi A., Serati AR, Emami S, **Movahed MR**. Complete Isolation of Right Subclavian Artery Supplied by the Thoracic Aorta and Bilateral Patent Ductus Arteriosus, *Future Cardiol*. 2017;13(4):337-344.

212. Ghoreyshi-Hefzabad SM, Kassaian SE, Kheirkhah-Sabetghadam S, Jalali A, Poorhosseini H, **Movahed MR**, Nematipour E, Salarifar M, Alidoosti M, Ghoreyshi-Hefzabad S, Alaeddini F, Sadeghian S, Lotfi-Tokaldany M. Impact of Sex on Long-term Clinical Outcomes After Percutaneous Coronary Intervention. *Crit Pathw Cardiol*. 2017 Dec;16(4):161-166.

213. Khosravi A, Mirdamadi A, **Movahed MR**. Successful retrieval of embolized atrial septal defect and patent foramen ovale closure device using novel coronary wire trap (CWT) technique. *Catheter Cardiovasc Interv*. 2018 Jul;92(1):189-192

214. **Movahed MR**. Strong bias toward performing percutaneous coronary intervention in patients with chronic total occlusion despite lack of important benefit at a very high cost and risk to the patient. *JACC Cardiovasc Interv*. 2018 Aug 13;11(15):1540-1541

215. Namazi MH, Safi M, Momenizadeh A, Khaheshi I, Memaryan M, **Movahed MR**. Mahaim fibers coexisting with coarctation of aorta and bicuspid aortic valve. *Future Cardiol*. 2018 Nov;14(6):483-489.

216. Khosravi A, Pourmoghadas M, **Movahed MR**. Successful percutaneous closure of a large symptomatic AV fistula using an amplatzer occluder device. *Cardiovasc Revasc Med*. 2018 Dec;19(8S):23-24

217. Mousavi M, Poorhosseini H, Nematipour E, Kassaian SB, Salarifar M, Alidoosti, M, Hajizeinali A, Nozari Y, Amirzadegan A, Hosseini SK, Fathollahi MS, **Movahed MR**. Effect of age on procedural success complications, and clinical outcome from a large angioplasty registry. *Crit Pathw Cardiol*. 2019 Mar;18(1):23-31.
218. **Movahed MR**. It is time to have better oversight and accountability in performing too many not indicated percutaneous coronary interventions in patients with chronic total occlusions. *Int J Cardiol*. 2019 Mar 1; 278:38-39.
219. **Movahed MR**, Sattur, Bates, Bate S. Higher prevalence of abnormal electrocardiograms (ECG) in African Americans undergoing screening ECG and echocardiography, *Crit Pathw Cardiol*. 2019 Jun;18(2):86-88
220. **Movahed MR**, Khoubyari R, Hashemzadeh M, Hashemzadeh M. Obesity is strongly and independently associated with a higher prevalence of pulmonary embolism. *Respir Investig*. 2019 Jul;57(4):376-379.
221. **Movahed MR**. Vascular Perforation Occurring During Transradial Cardiac Catheterization is More Common Than Thought and Could Be Fatal. *J Invasive Cardiol*. 2019 Aug;31(8):E256.
222. Ghasemi M, Mehrpooya M, Ghasemi F, **Movahed MR**, Sattartabar B. Redo Percutaneous Mitral Valvuloplasty (Redo PMV) in Patients with Recurrent Mitral Valve Stenosis: Immediate and Early Outcomes. *J Iran Med Counc*. 2019;2(6):201-208
223. Azemawah V, **Movahed MR**, Centuori P, Penaflor R, Riel PL, Situ S, Shadmehr M, Hashemzadeh M. State of the Art Comprehensive Review of Individual Statins, Their Differences, Pharmacology, and Clinical Implications. *Cardiovasc Drugs Ther*. 2019 Oct;33(5):625-639.
224. Arsanjani R, Khitri A, Hashemzadeh M, **Movahed MR**. Initial Intravascular Ultrasound Without a Routine Early Baseline Study in the Evaluation of Cardiac Transplant Vasculopathy has Prognostic Value. *Cardiovasc Revasc Med*. 2019 Dec;20(12):1105-1109.
225. Shanmugasundaram M, Dhakal BP, Murugapandian S, Hashemzadeh M, Paul T, **Movahed MR**. Outcomes of Patients with Atrial Fibrillation Undergoing Percutaneous Coronary Intervention Analysis of National Inpatient Sample. *Cardiovasc Revasc Med*. 2020 Jan;21(1):14-19.

226. **Movahed MR.** Facilitating Stent Advancement by Using the Reverse Movahed's Maneuver (Maximal Expiration) During Tortuous Vein Graft Intervention. *JACC Cardiovasc Interv.* 2020 Jan 13;13(1):139-140
227. **Movahed MR,** Sattur S, Vu J. Evaluating Association Between Coronary Calcifications Visualized During Invasive Coronary Angiography With Total Mortality. *Crit Pathw Cardiol.* 2020 Mar;19(1):30-32.
228. Emami S, Samiei N, Amin A, Taghavi S, Parsaee M, Naderi N, Serati A, **Movahed MR.** Differences in right ventricular dysfunction in patients with idiopathic pulmonary hypertension versus secondary pulmonary hypertension. *Adv Respir Med.* 2020;88(1):1-5.
229. Azemawah V, **Movahed MR,** Centuori P, Penaflor R, Riel PL, Situ S, Shadmehr M, Hashemzadeh M. Statin Controversies: Response to the Letter from Tomlinson et al. *Cardiovasc Drugs Ther.* 2020;34(3):437-438
230. Safi M, Serati A, Emami S, **Movahed MR.** Coronary dissection with ST elevation myocardial infarction responding to thrombolytic and conservative therapy alone. *Future Cardiol.* 2020 Jul;16(4):271-274
231. Boudi FB, Kalayeh N, **Movahed MR.** High-Density Lipoprotein Cholesterol (HDL-C) Levels Independently Correlates with Cardiac Arrhythmias and Atrial Fibrillation. *J Intensive Care Med.* 2020 May;35(5):438-444.
232. Shanmugasundaram M, Paul T, Hashemzadeh M, **Movahed MR.** Outcomes of percutaneous coronary intervention in atrial fibrillation patients presenting with acute myocardial infarction: Analysis of nationwide inpatient sample database *Cardiovasc Revasc Med.* 2020 Jul;21(7):851-854.
233. Haseefa F, **Movahed MR,** Hashemzadeh M, Hashemzadeh M. Idiopathic thrombocytopenic purpura is strongly associated with higher prevalence of aortic valve disease. *Ann Hematol.* 2020 Sep;99(9):2081-2084.
234. **Movahed MR,** Etemad S, Hashemzadeh M, Hashemzadeh M. Persistent reduction in the age adjusted mortality rate from aortic valve surgery in the United State with elimination of gender gap in recent years. *Am J Cardiovasc Dis.* 2020 Oct 15;10(4):522-527
235. Dodge M, **Movahed MR.** Screening of the Abdominal Aorta During Routine Echocardiographic Examination is Cost effective and leads to Increase Statin Utilization by Detecting Subclinical Atherosclerosis. *Crit Pathw Cardiol.* 2021 Mar 1;20(1):1-3.

236. Mousavi M, Kalhor S, Alizadeh M, **Movahed MR**. Opium addiction and early and six-month outcomes of patient with presenting ST elevation myocardial infarction treated with thrombolytic therapy. *Am J Cardiovasc Dis*. 2021 Feb 15;11(1):115-123.
237. Hashemzadeh M, Romo R, Arreguin JM, **Movahed MR**. The effects of estrogen and hormone replacement therapy on cardiovascular systems. *Future Cardiol*. 2021 Mar;17(2):347-353.
238. Siddiqui MU, Pasha AK, Rauf I, Lee JZ, Siddiqui MD, Yaacoub Y, **Movahed MR**. Efficacy and Safety of Perioperative Bridging Anticoagulation in Patients with Atrial Fibrillation Undergoing Elective Surgical Procedures: A Meta-analysis. *Clin Med Res*. 2021 Mar;19(1):19-25.
239. **Movahed MR**. The Theory of "Gravilon or Spacetime Particles" as an Explanation for Gravity and Light using The Same Particles and Light Speed Limit. The explanation for Dark Matter, Dark Energy, and Mass. The explanation for Why Small Particles Follow Quantum Mechanics but Larger Particles Follow the Einstein Relativity with Resolution of Black Holes Singularity. *J Phys Astr*. 2021 Vol: 9(1)
240. Davis M, **Movahed MR**, Hashemzadeh M, Hashemzadeh M. Evaluating association between idiopathic thrombocytopenic purpura and hypertension. *Am J Blood Res*. 2021 Aug 15;11(4):405-409.
241. Eslami V, Bayat F, Asadzadeh B, Saffarian E, Gheymati A, Mahmoudi E, **Movahed MR**. Early prediction of ventricular functional recovery after myocardial infarction by longitudinal strain study. *Am J Cardiovasc Dis*. 2021 Aug 15;11(4):471-477
242. Serati A, Hashemi A, Sharifkashani B, Nourbakhsh S, Hashemi A, Emami S, **Movahed MR**. A preliminary study on radiation dose reduction during catheterization procedures using simple partial patient shielding. *Rev Cardiovasc Med*. 2021 Sep 24;22(3):891-894.
243. Lee Y, Habibzadeh MR, **Movahed MR**. Wellens Syndrome or Inverted U Waves: A Serious Clinical Condition Needing Immediate Attention Regardless of Symptoms. *Am J Med*. 2021 Nov;134(11):1365-1367.
244. Davis M, **Movahed MR**, Hashemzadeh M, Hashemzadeh M. The presence of idiopathic thrombocytopenic purpura correlates with lower rate of acute ST-elevation myocardial infarction. *Future Cardiol*. 2021 Nov;17(8):1327-1333.
245. Eslami V, Bayat F, Asadzadeh B, Saffarian E, Gheymati A, Mahmoudi E, **Movahed MR**. Early prediction of ventricular functional recovery after myocardial infarction by longitudinal strain study. *Am J Cardiovasc Dis*. 2021 Aug 15;11(4):471-477

246. Davis M, **Movahed MR**, Hashemzadeh M, Hashemzadeh M. The presence of idiopathic thrombocytopenic purpura and incidence of acute non-ST elevation myocardial infarction. *Ann Hematol*. 2022 Jan;101(1):21-26
247. **Movahed MR**. Distal administration of very high doses of adenosine using over-the-wire balloon or export catheter should be the first choice for treatment of patients with resistant no-reflow. *Catheter Cardiovasc Interv*. 2022 1;99(1): E43.
248. Aghdasi S, Serati AR, Moosavi J, Emami S, Movahed MR. Variceal Veins Embolization and Left Renal Vein Stenting in a Patient with Combined Nutcracker and May-Thurner Syndrome. *Int J Angiol*. 2021 Jan 29;31(2):138-142.
249. **Movahed MR**. Successful distal administration of high doses of adenosine and nicardipine using export catheter for treatment of resistant no-reflow in a vein graft. *Am J Cardiovasc Dis*. 2022 Feb 15;12(1):53-55
250. Hashemzadeh M, Haseefa F, Peyton L, Park S, **Movahed MR**. The effects of estrogen and hormone replacement therapy on platelet activity: a review. *Am J Blood Res*. 2022 Feb 15;12(1):33-42
251. **Movahed MR**, Ramaraj R, Manrique C, Hashemzadeh M. Left ventricular hypertrophy is independently associated with all-cause mortality. *Am J Cardiovasc Dis*. 2022 Feb 15;12(1):38-41.
252. Talle A, Hashemzadeh M, **Movahed MR**. Very Low Risk for In-hospital Adverse Outcome Such as ST-elevation or non-ST-elevation Myocardial Infarction in Patients Undergoing Knee Surgery. *Crit Pathw Cardiol*. 2022 Jun 1;21(2):84-86
253. Coppinger C, **Movahed MR**, Azemawah V, Peyton L, Gregory J, Hashemzadeh M. A Comprehensive Review of PCSK9 Inhibitors. *J Cardiovasc Pharmacol Ther*. 2022 Jan-Dec;27:107.
254. Keshmiri1 MS, Aghdasi S, Noorali1 S, Shafaghi1 S, Serati A, Naghashzadeh F, **Movahed MR**, Shadanfar S, Hajimoradi M, Sharif Kashani B. Bronchial artery embolization for life-threatening hemoptysis in COVID-19 patients, *Int J Angiol* 2022, in press
255. **Movahed MR**. Severe contrast-induced nephropathy leading to dialysis occurring in a patient with near normal baseline creatinine undergoing CT angiography using intravenous contrast only *Int J Angiol* 2022 in press.
256. **Movahed MR**. Inspiration maneuver can reduce risk of pericardiophrenic perforation and balloon-assisted tracking can easily overcome tortuosity and spasm during challenging transradial catheterization. *Cardiovasc Revasc Med*. 2022 Aug 5:S1553-8389(22)00699-6. doi: 10.1016/j.carrev.2022.08.003. Epub ahead of print.

257. **Movahed MR.** Benign chronic mid left anterior descending artery perforation in the setting of coronary intervention with a large fistula formation into the right ventricular cavity. *Cardiovasc Revasc Med.* 2022 Jul 9;S1553-8389(22)00646-7. Epub ahead of print.
258. **Movahed MR,** Ramaraj R, Bates S. Early repolarization is independently associated with African American race, younger age, higher BMI and lower heart rate. *Future Cardiol.* 2022 Sep;18(10):771-775
259. Haseefa F, **Movahed MR,** Dahak S, Hashemzadeh M, Hashemzadeh M. All Aortic Valve Diseases Taken Together Are Not Associated with Obesity. *Crit Pathw Cardiol.* 2022 Dec 1;21(4):191-193.
260. **Movahed MR,** Highly Effective Pressure Point Applied Between the Thumb and Index Finger for the Treatment of Migraine Attacks. *Altern Ther Health Med.* 2022 Oct 28;AT7670. Epub ahead of print. PMID: 36302233.
261. Haseefa F, **Movahed MR,** Hashemzadeh M, Hashemzadeh M. Splenectomy in patients with immune (idiopathic) thrombocytopenic purpura (ITP) appears to be protective against developing aortic valve disease. *Am J Blood Res.* 2022 Oct 15;12(5):163-167
262. Pasha AK, Lee JZ, Desai H, Hashemzadeh M, **Movahed MR.** In-hospital complications associated with total artificial heart implantation in the United States between 2004 to 2011. *Am J Cardiovasc Dis.* 2022 Oct 15;12(5):278-282
263. Hickcox L, Bates S, **Movahed MR.** Presence of physical symptoms in healthy adolescence found to be associated with female gender, obesity, tachycardia, diastolic hypertension and smoking. *Am J Cardiovasc Dis.* 2022 Dec 15;12(6):315-319.
264. Mousavi M, Sehati F, Tayebi A, Nayeri AD, **Movahed MR.** A double-blinded randomized controlled trial comparing eptifibatide bolus only versus bolus plus infusion in patients undergoing primary percutaneous coronary intervention for ST-elevation myocardial infarction. *Cardiovasc Revasc Med.* 2023 Jan 31; S1553-8389(23)00025-8. doi: 10.1016/j.carrev.2023.01.023. Epub ahead of print. PMID: 36737382
265. Serati A, Keshmiri, MS, Shafaghim S, Mohammad MM, Sharif Kashani B, Naghashzadeh F, Mohamadifar A, Shafaghi M, Noorali S, Hajimoradi, M, Bahamin A, Aghdasi S, Riahi M, Alavi S, Malek R, **Movahed MR.** The Outcome of Patients with Primary Pulmonary Arterial Hypertension and Chronic Thromboembolic Pulmonary Hypertension During the COVID-19 Epidemic. *Crit Pathw Cardiol.*, 2023, *In press*

266. Dhaliwal D, Bhargava R, **Movahed MR**. Fusobacterium nucleatum endocarditis: a case report and literature review. *Am J Cardiovasc Dis*. 2023 Feb 15;13(1):29-31.
267. **Movahed MR**. Successful Distal Administration of High Doses of Adenosine Has been Reported using Export or Other Catheters since 2008, *Cardiovasc Revasc Med*. 2023, in press.
268. Gill M, **Movahed MR**, Hashemzadeh M, Hashemzadeh M. The Presence of Pneumonia is Strongly Associated with Higher Prevalence of Non-ST-Elevation Myocardial Infarction Using a Large NIS Database. *Crit Pathw Cardiol*. 2023, in press
269. **Movahed MR**. The Movahed Coronary Bifurcation Lesion Classification Introduces Limitless Optional Suffixes That Can Easily be Used for Clinical Use or Coding Purposes. *Anatol J Cardiol*. 2023 May;27(5):295-296.
270. **Movahed MR**. Limitless suffixes for bifurcation classification with the Movahed coronary bifurcation lesion classification system, *Asiaintervention*, 2023, in press
271. Vakhshoori M, **Movahed MR**. Useful Respiratory Maneuvers Aiding Left Heart Cardiac Catheterization and Intervention. A Comprehensive Review, *Critical Pathway in Cardiology*, 2023, in press
272. Irannejad K, Vakhshoori M, Khoubyari R, **Movahed MR**. Contrast removal from coronary sinus for prevention of contrast-induced nephropathy: a review. *Future Cardiol*. 2023 Apr;19(5):283-299.
273. Hickcox L, Bates S, Hashemzadeh M, **Movahed MR**. Higher Heart Rate Is Independently Associated with Abnormal Body Mass Index in a J Shape Pattern. *Crit Pathw Cardiol*. 2023 Sep 1;22(3):100-102.
274. Nathan A, Hashemzadeh M, **Movahed MR**. Percutaneous Coronary Intervention of Chronic Total Occlusion Associated with Higher Inpatient Mortality and Complications Compared With Non-CTO Lesions. *Am J Med*. 2023 Oct;136(10):994-999

275. Hickcox L, Hashemzadeh M, **Movahed MR**. Very low risk of ST-elevation and non-ST-elevation myocardial infarction in patients with chest trauma. *Am J Cardiovasc Dis*. 2023 Aug 15;13(4):247-251.
276. Guntu R, Patel A, **Movahed MR**, Hashemzadeh M, Hashemzadeh M. Association between Idiopathic Thrombocytopenic purpura and hemorrhagic and non-hemorrhagic stroke. *Crit Pathw Cardiol*. 2023 Aug 28. Epub ahead of print.
277. Hashemzadeh M, Haseefa F, Peyton L, Shadmehr M, Niyas AM, Patel A, Krdi G, **Movahed MR**. A comprehensive review of the ten main platelet receptors involved in platelet activity and cardiovascular disease. *Am J Blood Res*. 2023 Dec 25;13(6):168-188.
278. Hickcox L, Smolin MR, **Movahed MR**. First reported case of COVID-19 induced permanent third-degree atrioventricular (AV) block in a young patient. *Am J Cardiovasc Dis*. 2023 Aug 15;13(4):278-282.
279. **Movahed MR**, Motieian M, Bates S. Overweight (BMI of 25-30) is independently associated with significantly higher prevalence of systolic and diastolic hypertension in adults. *Crit Pathw Cardiol*. 2023 Aug 28. Epub ahead of print.
280. **Movahed MR**. Lower Mortality With Intravascular Ultrasound Guidance Percutaneous Coronary Intervention Needs Explanation and Further Statistical Analysis. *Am J Cardiol*. 2023 Sep 7:S0002-9149(23)00920-7.
281. **Movahed MR**. Letter: Limitless suffixes for bifurcation classification with the Movahed coronary bifurcation lesion classification system. *AsiaIntervention*. 2023 Sep 21;9(2):180-181.
282. Hashemi A, Serati A, Ahmadi A, Ghaffari L, **Movahed MR**. Successful simultaneous retrieval of two dislodged and entangled intracoronary stents using distal balloon inflating technique. *Cardiovasc Revasc Med*. 2023 Dec; 57:107-111
283. **Movahed MR**, Timmerman B, Hashemzadeh M. Independent association of aortic stenosis with many known cardiovascular risk factors and many inflammatory diseases. *Arch Cardiovasc Dis*. 2023 Oct;116(10):467-473.

284. **Movahed MR**, Soltani Moghaddam A, Dodge M. Routine Abdominal Aortic Examination During Echocardiographic Studies Detects Significant Numbers of Abdominal Aortic Aneurysm and Should be a Part of Routine Echocardiographic Examinations. *Crit Pathw Cardiol*. 2024 Mar 1;23(1):17-19.
285. **Movahed MR**. Movahed coronary bifurcation classification should be the preferred classification for studying true bifurcation lesions as it summarizes true bifurcation lesions in only one simple category called B2 Lesion with limitless optional suffixes. *Catheter Cardiovasc Interv*. 2023 Dec;102(7):1263-1264.
286. Zuniga L, Davis M, **Movahed MR**, Hashemzadeh M, Hashemzadeh M. Association between Factor-V Leiden and occurrence of acute myocardial infarction using a large NIS database. *Am J Blood Res*. 2023 Dec 25;13(6):207-212.
287. **Movahed MR**, Bahrami A, Manrique C, Hashemzadeh M. Strong independent association between third-degree AV-block and diabetes mellitus using a large database. *Diabetes Res Clin Pract*. 2023 Nov; 205:110948. doi: 10.1016/j.diabres.2023.11094
288. **Movahed MR**. Movahed MR. Coronary Bifurcation Intervention: Simpler Should Be Better? *Am J Cardiol*. 2023 Nov 15; 207:520.
289. **Movahed MR**, Soltani Moghadam A, Hashemzadeh M, Hashemzadeh M. Gender-based Disparity in Performing Aortic Valve Surgery in the United State Before Availability of Percutaneous Valve Implantation. *Crit Pathw Cardiol*. 2024 Jun 1;23(2):103-105.
290. Keele T, Hashemzadeh M, **Movahed MR**. Lower myocardial infarction and all-cause mortality with laparoscopic cholecystectomy compared with open cholecystectomy. *Future Cardiol*. 2023 Dec;19(16):759-765.
291. **Movahed MR**. Despite lack of significant benefit but great harm and higher mortality in patients undergoing percutaneous coronary intervention for chronic total occlusion, this procedure continues to be performed in high numbers, *Eur Rev Med Pharmacol Sci*. 2023 in press.
292. **Movahed MR**. In Patients with Bleeding, Delaying Cardiac Catheterization in Favor of Endoscopy in Non-ST Elevation Myocardial Infarction Can Prevent Severe Bleeding on Dual Antiplatelet Therapy if Needed. *Dig Dis Sci*. 2024 Jan;69(1):308-309.

293. **Movahed, MR.** Due to the lack of significant mortality benefit along with high procedural complication rates, percutaneous coronary intervention of chronic total occlusions should be discouraged. *EuroIntervention*. 2024 Jan 1;20(1):109.
294. **Movahed MR,** Irannejad K, Bates S. The Majority of Participants with Suspected Hypertrophic Cardiomyopathy Documented During Screening Echocardiography Have a Normal Electrocardiogram. *Crit Pathw Cardiol*. 2024 Mar 1;23(1):20-25.
295. Khosravi A, Mirbod SM, Boshtam M, Shahsanaei F, Zaker E, Tajmirriahi M, Khaledifar A, Mirbod SM, **Movahed MR.** Various techniques for transcatheter retrieval of the atrial septal defect or patent foramen ovale closure devices: a systematic review. *J Invasive Cardiol*. 2024 Apr;36(4).
296. **Movahed MR.** Unsuccessful CTO patients suffer from tremendous trauma and complications during the procedure in comparison to successful CTO interventions. Furthermore, they are much older with much higher comorbidities clearly explaining why they have worse outcomes. Therefore, comparing successful vs unsuccessful CTO intervention as a surrogate for the benefit of CTO intervention is totally invalid, and misleading. *JAHA online*, Oct. 17, 2023
297. Coppinger, C. Pomales B, **Movahed MR,** Marefat M, Hashemzadeh M. Berberine: A Multi-Target Natural PCSK9 Inhibitor with the Potential to Treat Diabetes, Alzheimer's, Cancer and Cardiovascular Disease. *Curr Rev Clin Exp Pharmacol*. 2024;19(4):312-326.
298. Timmerman B, Hashemzadeh M, **Movahed MR.** Aortic regurgitation is associated with African American and Asian race, smoking, renal disease, and numerous autoimmune diseases in addition to traditional cardiovascular risk factors but has lower risk with alcohol intake. *Clin Res Cardiol*. 2024 Mar 13. Epub ahead of print
299. **Movahed MR,** Talle A, Hashemzadeh M. Intra-aortic balloon pump is associated with the lowest whereas Impella with the highest inpatient mortality and complications regardless of severity or hospital types. *Cardiovasc Interv Ther*. 2024 Jul;39(3):252-261.
300. **Movahed MR,** Bahrami A, Bates S. Reported physical symptoms during screening echocardiography are not associated with presence of suspected hypertrophic cardiomyopathy. *Crit Pathw Cardiol*. 2024 Apr 11. Epub ahead of print. PMID: 38598543.

301. **Movahed MR.** Question: Acute lateral ST-elevation in a patient with abdominal pain. *Eur Heart J Acute Cardiovasc Care.* 2024 May 7;13(4):383-384.
302. Meskal S, Gill M, **Movahed MR**, Hashemzadeh M, Hashemzadeh M. Major depression is not associated with higher myocardial infarction rates: insights from a large database. *Future Cardiol.* 2024 Aug 13:1-7
303. **Movahed MR**, Aghdasi S, Hashemzadeh H. Higher Inpatient Mortality Following Percutaneous Coronary Intervention in Patients with Advanced Chronic Kidney Disease. *Coronary artery disease*, 2024, in press
304. Hashemi A, Serati A, Ahmadi A, khalilipour E, Ghaffari L, **Movahed MR** How to Penetrate the Wall of an Unintentionally Deployed Wallstent in the External Carotid Artery for Stenting of an Internal Carotid Artery Lesion?, *International Journal of Angiology*, in press
305. **Movahed MR.** Answer: Acute lateral ST-elevation in a patient with abdominal pain. *Eur Heart J Acute Cardiovasc Care.* 2024 May 7;13(4):385-386
306. **Movahed MR**, Common practice of underreporting and downplaying adverse events and exaggerating benefits in patients undergoing percutaneous coronary intervention of chronic total occlusions. *Scand Cardiovasc J.* 2024 Jun 25;58(1):2373070.
307. Niyas AM, Haseefa F, Cox JC, **Movahed MR.** Suspected colchicine-induced late myocardial rupture occurring after the late presentation of acute inferior ST-elevation myocardial infarction. *Am J Cardiovasc Dis.* 2024 Apr 15;14(2):116-120.
308. Niyas AM, **Movahed MR**, Hashemzadeh M, Hashemzadeh M. The occurrence of ST elevation myocardial infarction (STEMI) and non-STEMI in patients with post-traumatic stress disorder (PTSD) using the large nationwide inpatient sample (NIS). *Am J Cardiovasc Dis.* 2024 Jun 15;14(3):172-179.
309. Hashemzadeh M, Aghdasi S, Movahed MR. Do breast implants not cause an increased rate of abnormal electrocardiograms (ECG)? *J Electrocardiol.* 2024 Jul-Aug;85:69-71.
310. Nathan A, Hashemzadeh M, **Movahed MR.** Percutaneous coronary intervention involving coronary bifurcation is associated with higher mortality and complications. *Am J Cardiovasc Dis.* 2024 Jun 15;14(3):180-187.

311. **Movahed MR**, Satapathy N, Hashemzadeh M. Coronary perforation occurring during percutaneous coronary intervention is associated with persistently high mortality and complication. *Crit Pathw Cardiol*. 2024 Jul 17. doi: 10.1097/HPC.0000000000000373. Epub ahead of print
312. **Movahed MR**, Aghdasi S, Hashemzadeh M. Higher post procedural bleeding in patients with advanced chronic kidney disease undergoing percutaneous coronary intervention. *Am J Blood Res*. 2024 Jun 25;14(1):1-5.
313. **Movahed MR**, Soltani Moghadam A, Hashemzadeh M. In Patients with Cardiogenic Shock, Extracorporeal Membrane Oxygenation Is Associated with Very High All-Cause Inpatient Mortality Rate. *J Clin Med*. 2024 Jun 20;13(12):3607.
314. **Movahed MR**, Irilouzadian R. Major Delay in Door-to-Ballon Time for Primary Percutaneous Coronary Intervention is Not Related to Interventional Cardiologist's Late Arrival. *Int J Angiol*. 2024 Jul 11;34(1):44-50.
315. **Movahed MR**, Nathan A, Hashemzadeh M. The use of intravascular ultrasound during percutaneous coronary intervention does not reduce all cause in-hospital mortality but doubles the cost, with higher utilization in privately insured patients. *Postepy Kardiol Interwencyjnej*. 2024 Sep;20(3):271-276.
316. **Movahed MR**. Saving Right Radial Cardiac Catheterization with Tortuous Subclavian Artery Using Head Left Turning Maneuver for Facilitating Wire Advancement into the Ascending Aorta. *Cardiovascular Revascularization Medicine: Interesting Cases* 4 (December 1, 2024): 100045. <https://doi.org/10.1016/j.crmic.2024.100045>.
317. **Movahed MR**, Soltani Moghadam A. A normal and particularly small (<35 mm) left atrial size measured during echocardiography suggests low likelihood of moderate or severe left ventricular systolic dysfunction. *Am J Cardiovasc Dis*. 2024 Aug 25;14(4):236-241.
318. Hashemi A, Serati A, Ahmadi A, Ghaffari L, **Movahed MR**, High Success Rate in Sealing Distal Coronary Artery Perforations Using Absorbable Gelatin Sponge, *International Journal of Angiology*, 2024, in press
319. **Movahed MR**, Abhari AP, Hashemzadeh M. In Patients Presenting with an ST-Elevation Myocardial Infarction, Overweight and Obese Patients Have the Lowest Inpatient

Mortality whereas Cachexia Patients Have the Highest Inpatient Mortality Followed by Patients with Morbid Obesity. *J Clin Med*. 2024 Oct 2;13(19):5897.

320. Heidarpour M, Shafie D, Eshraghi R, Mirjalili SR, Bahrami A, **Movahed MR**. Adrenal crisis-induced cardiogenic shock (ACCS): a comprehensive review. *Heart Fail Rev*. 2025 Jan;30(1):227-246.

321. **Movahed MR**. The shortcomings of the Medina compared to the Movahed coronary bifurcation classification. *Future Cardiol*. 2025 Jan;21(1):31-37.

322. **Movahed MR**. The Movahed protocol and algorithm for preventing intubation in patients with acute or sympathetic crashing acute pulmonary edema (SCAPE) without cardiogenic shock by repeated administration of buccal nitroglycerin ointments. *Am J Cardiovasc Dis*. 2024 Dec 15;14(6):368-374.

323. Rahman MM, Van Wurm W, **Movahed MR**, Taebi A. From Video to Vital Signs: A New Method for Contactless Multichannel Seismocardiography, *npj Cardiovascular Health*, 2004, *in press*

324. **Movahed MR**, Irannejad K, Venard E, Keating L, Hashemzadeh M, Hashemzadeh M. Women with Breast Implants Have Higher Adjusted Abnormal Cardiac Testing and Coronary Angiography but Lower Coronary Intervention. *Am J Med*. 2024 Dec 31: S0002-9343(24)00845-3. Epub ahead of print. PMID: 39746433.

325. Lajevardi B, Talle A, Hashemzadeh M, **Movahed MR**. Bodyweight affects mortality in an L-shape pattern in patients undergoing coronary bypass grafting. *Future Cardiol*. 2025 Jan;21(1):9-14.

326. **Movahed MR**. Significant Downplay and Underreporting of Adverse Events in Patients Who Underwent Percutaneous Coronary Intervention of Chronic Total Occlusions. *Am J Cardiol*. 2024 Jan 1; 210:317.

327. Bates S, **Movahed MR**. Rewarding twenty-year experience with initial and repeat EKG and echocardiographic screening for prevention of sudden death in detecting abnormal findings. *Crit Pathw Cardiol*. 2025 Jan 22. Epub ahead of print. PMID: 39902817.

328. **Movahed MR**, Bahrami A, Eshraghi R. Gender Specific Echocardiographic Prevalence of Valvular Stenosis and Regurgitations in a Large Inpatient Database of 24,265 Patients, *Am J Cardiovasc Dis.*, 2025, in press
329. **Movahed MR**, Javanmardi E, Hashemzadeh M. Mortality and complications in patients admitted with Takotsubo cardiomyopathy with more than double mortality in men without improvement in outcomes over the years, *JAHA*, 2025, in press
330. **Movahed MR**, Bahrami A, Eshraghi R. Significant deviation between reported wedge pressure and diastolic pulmonary pressure found during right heart catheterization in patients undergoing cardiac transplant evaluation, *Am J Cardiovasc Dis.* 2025, in press
331. **Movahed MR**, Mineer A, Hashemzadeh M. Partial obesity paradox regarding mortality in patients hospitalized with diastolic or systolic heart failure, *Future Cardiology*, 2025, in press
332. **Movahed MR**. Movahed coronary bifurcation classification is more appropriate for research. *International Journal of Cardiology*, 2025, in press
333. Satapathy N, **Movahed MR**. Gender in post-cardiac transplant patients has no effect on the occurrence of death, major cardiovascular events or development of cardiac allograft vasculopathy. *Am J Cardiovasc Dis.* 2025, in press

Scholarly Books/Book chapters:

1. Kassab GS, Lontis ER, **Movahed MR**, Gregersen H. Measurement of Cross-Sectional Area for Diagnosis and Treatment of Coronary Artery Stenosis Using an Impedance Catheter. In: *Impedance Planimetry: Scope and Use in Biomedical Research*, Hans Gregersen (ed.). Harwood Academic Publisher, London,
2. Ramaraj R, Sorrell LV, **Movahed MR**. Tako-tsubo Cardiomyopathy. In: *Cardiomyopathies: Causes, Effects and Treatment*. 1st ed. New York: Nova Science Publishers, Inc. **Movahed MR**. The effect of L-carnitine and its derivatives in the treatment of cardiovascular disease. Book chapter in *Bioactive Foods, Nutrients and Herbs in Prevention and Treatment of Heart Disease*, Elsevier
3. **Movahed MR**, Google Book, *Issues in Cardiovascular medicine*. 2011 edition, Chapter Surgery. Trend in the coronary bypass surgery in the USA

4. **Movahed MR**, Current Advances in Heart Disease, Proceeding of the 14th World Heart Congress on heart Disease, International Academy of Cardiology, 2008, MEDIMOND publisher, page 163-169 “Update on Coronary Bifurcation Classification and Interventional Technique”

5. **Movahed MR**, Current Advances in Heart Disease, proceeding of the 16th World Heart Congress on heart Disease, International Academy of Cardiology, 2011, MEDIMOND publisher, page 115-117 “Removal of iodine Contrast from Coronary Sinus for Prevention of Contrast Induced Nephropathy”

6. **Movahed MR**, Current Advances in Heart Disease, Proceeding of the 17th World Heart Congress on heart Disease, International Academy of Cardiology, 2012, , MEDIMOND publisher, page 45-47 “Movahed Sign (D Shaped left ventricle seen on gated SPECT suggestive of right ventricular Overload. RA. Review”

7. **Movahed MR**, Current Advances in Heart Disease, Proceeding of the 18th World Heart Congress on heart Disease, International Academy of Cardiology, 2013, , MEDIMOND publisher, page 189-190 “ Update on the Use of Impella Assist device for High Risk patients undergoing PCI

8. **Movahed MR**. The Theory of “Gravilon or Spacetime Particles” as an Explanation for Gravity and Light using Same Particles and Light Speed Limit. Explanation for Dark Matter, Dark Energy and Mass. November 25, 2021. Spacetime Kindle Edition.

Book reviews:

9. **Movahed MR**. Review of "brachytherapy physics, second edition" edited by Bruce R. Thomadsen, Mark J. Rivard and Wayne M. Butler. *Biomed Eng Online*. 2006; 5:4.

Editorial:

10. **Movahed MR**. Where are we with percutaneous aortic valve replacement? *Expert Rev Cardiovasc Ther*. 2007; 5(6):997-8.
11. **Movahed MR**, Slow coronary flow: Electrophysiologic evidence of ischemia? Anatol J Cardiol. 2015 May 22, in press

Non-Peer review publications:

1. Eslami, V., Bayat, F., Asadzadeh, B., Saffarian, E., Gheimati, A., Mahmoudi, E., Bahar Asadzadeh, **Movahed MR**. Early prediction of ventricular functional recovery after

myocardial infarction by longitudinal strain study. Authorea. July 04, 2020. DOI: 10.22541/au.159384421.18558327

2. **Movahed MR.** Mini-Wellen's EKG (minimal terminal T wave inversion in V2-V3) is highly predictive of high grade left main or proximal left anterior artery disease. Authorea. August 25, 2023. DOI: 10.22541/au.169294479.94927131/v1
3. **Movahed MR.** Separating Inverted U wave syndrome described by Dr. Gerson from Wellen's syndrome is meaningless as both describe exactly the same condition. Authorea. November 27, 2023. DOI: 10.22541/au.170111056.61272621/v1
4. **Movahed MR.** Movahed Coronary Bifurcation Classification Should be Utilized for Research Involving Left Main Bifurcation Lesions. Authorea. November 27, 2023. DOI: 10.22541/au.170111056.65307463/v1
5. **Movahed MR.** Common practice of underreporting and downplaying adverse events in patients undergoing percutaneous coronary intervention of chronic total occlusions. Time for accountability. Inertia is not an option with duties of cardiology journals to educate physicians. Authorea. December 14, 2023. DOI: 10.22541/au.170259074.43484534/v1
6. **Movahed MR.** The shortcomings of The Medina compared to the Movahed coronary bifurcation classification led to stagnation in coronary bifurcation research. Time for a change in using the more comprehensive but at the same time simpler Movahed coronary bifurcation classification. Short title: The Medina vs Movahed Bifurcation Classification Authors. Authorea. December 14, 2023. DOI: 10.22541/au.170259076.65955935/v1
7. **Movahed MR.** Separate study of true B2 bifurcation lesions is vital for bifurcation PCI. Using The Medina classification will lead to confusion as it separates true bifurcation lesions into 3 unnecessary subgroups. In the Movahed Bifurcation classification, true bifurcation lesions are summarized in one category called B2 (lesion). B for bifurcation 2 meaning both ostia have disease making it the ideal classification for bifurcation research or clinical use with unlimited additional suffixes that can be added if needed. Authorea. December 14, 2023. DOI: 10.22541/au.170259078.82872741/v1
8. **Movahed MR.** Movahed Coronary Bifurcation Classification Should be the Preferred Classification for Left Main Bifurcation Lesions Research as it has Suffixes for large or small proximal segment of true LM bifurcation lesions important for kissing stent technique called B2-LM-S (B for bifurcation, 2 for both bifurcation ostia has disease, LM for LM, S for small prox segment) or B2 LM-L. Authorea. December 14, 2023. DOI: 10.22541/au.170259078.86691801/v1
9. **Movahed MR.** Rapid repeated buccal administration of nitroglycerin ointment is highly effective in preventing intubation in patients with acute cardiogenic pulmonary edema without cardiogenic shock. Authorea. December 27, 2023. DOI: 10.22541/au.170370571.19046018/v1

10. **Movahed MR.** Occurrence of Low Diastolic Pressure and Cardiovascular Disease are More Common in Elderly that Could Explain Higher Mortality Rate in this population . Authorea. January 04, 2024. DOI: 10.22541/au.170433216.61985512/v1
11. **Movahed MR,** Talle A, Hashemzadeh M. Intra-aortic balloon pump is associated with the lowest whereas Impella with the highest inpatient mortality and complications regardless of severity or hospital types (rural or university) or after adjustment for 47 high risk variables and baseline characteristics by studying over 800,000 inpatients with cardiogenic shock. medRxiv; 2024. DOI: 10.1101/2024.01.17.24301446.
12. **Movahed MR,** Mineer A, Hashemzadeh M. Overweight followed by obesity have the lowest mortality among patients with systolic or diastolic heart failure independent of comorbidities whereas cachexia has the highest mortality. medRxiv; 2024. DOI: 10.1101/2024.01.17.24300813.
13. **Movahed MR.** Pseudo ST-Elevation Myocardial Infarction (STEMI) Secondary to Giant Left Sided Diaphragmatic Herniation Simulating Acute Lateral STEMI. Authorea. January 14, 2024. DOI: 10.22541/au.170526751.10973070/v1
14. **Movahed MR,** Hashemzadeh M, Sodhi N. Clinical Predictors and Trends of Pacer Insertion, Complications, and Mortality Over the Recent Years Using a Large Database. Authorea. September 30, 2023. DOI: 10.22541/au.169603951.17505300/v1.
15. **Movahed MR.** Dramatic downplay and underreporting of adverse events in patients undergoing percutaneous coronary intervention of chronic total occlusions with marked exaggeration of benefit despite tremendous trauma and harms done to patients undergoing unsuccessful chronic total occlusion intervention needs great attention. Authorea. March 15, 2024. DOI: 10.22541/au.171052411.18121585/v1
16. **Movahed MR.** Successful Administration of Very High Doses of Adenosine Distal Coronary Administration using Export Catheter for Resistant No-reflow. Preprints.org; 2024. DOI: 10.20944/preprints202409. 2262.v1.
17. **Movahed MR,** Irannejad K, Sadin F, Keating L, Bates SS. Short-term effect of repeat echocardiographic screening for detection or confirmation of hypertrophic cardiomyopathy. medRxiv; 2024. DOI: 10.1101/2024.10.03.24314866.
18. Hashemzadeh M, Soltani Moghadam A, Soltani Moghadam S, **Movahed MR.** Mortality is lowest in overweight followed by obese and morbid obese patients and is highest in cachexia compared to normal weight in patients with diagnosis of aortic stenosis. medRxiv; 2024. DOI: 10.1101/2024.08.17.24312157.

19. **Movahed MR**, Javanmardi E, Hashemzadeh M. High mortality and complications in patients admitted with Takotsubo cardiomyopathy without improvement in outcomes over the years. medRxiv; 2024. DOI: 10.1101/2024.06.19.24309204.
20. Krdi G, Sparling K, Movahed MR, Hashemzadeh M, Hashemzadeh M. The Association between Psoriasis and Risk of ST-Elevation Myocardial Infarction among African American Patients. medRxiv 2025.02.14.25322317; doi: <https://doi.org/10.1101/2025.02.14.25322317>

Abstracts:

1. Nachtigal M, Al-Assad Z, Mayer EP, Kim K, **Movahed MR**, Monsighnv M: Expression of galectin-3 in atherosclerotic vascular lesions. FASEB J 1998;12: A482.
2. **Movahed MR**, Mayer EP, Kim K, Hassapoyannes CA, Nachtigal M: Galectin-3 accumulation in foam cells of atherosclerotic lesions and lipid loaded mouse peritoneal macrophages. J Am Coll Cardiol 2000;35(2), (Suppl A):293A.
3. Hassapoyannes CA, Easterling BM, **Movahed MR**. Chronic digitalization and ventricular function in systolic heart failure. Eur J Heart Fail 2000;58, (Suppl 2):66/10396.
4. Hassapoyannes CA, McLaurin BT, Hornung CA, Easterling BM, **Movahed MR**: Normokinesia adjacent to left ventricular aneurysm differentially predicts sudden cardiac death. Eur J Heart Fail 2000;64, (Suppl 2):90/10395).
5. **Movahed MR.**, Chavda K, Chavda KK, Hassapovannes CA: Preoperative cardiac catheterization assessment before noncardiac surgery significantly reduces the mortality after surgery in patients with known heart disease. Catheter Cardiovasc Interv 2001;53(1):106.
6. Hassapoyannes CA, Easterling BM, Giurgiutiu DV, **Movahed MR**: Ejection fraction as a predictor of outcome in cardiac patients undergoing non-cardiac surgery. Eur J Heart Fail 2002;1(Suppl 1):13.
7. Hassapoyannes CA, Eaves G, Giurgiutiu DV, **Movahed MR**: Racial divergence in the rate of invasive cardiac diagnostic procedures among cardiac patients prior to non-cardiac surgery. Catheter Cardiovasc Interv 2002; 56(1):139.
8. Hassapoyannes CA, Maysuria HM, **Movahed MR**: Frontal plane QRS-T angle: a highly specific and simple index of hemodynamically significant coronary artery disease. J Am Coll Cardiol 2002;39(9)(Suppl B):53B.

9. **Movahed MR**, Ahmadi-Kashani M, Sabnis M, Hooshmand M, Gragnani V, Greaves J, Greaves S, Leighton L: Left ventricular hypertrophy correlates with body surface area and body mass index in healthy teenage athletes. *Circulation* 2002;106;19(Suppl II):352.

10. **Movahed MR**, Ahmadi-Kashani M, Sabnis M, Hooshmand M, Gragnani V, Greaves J, Greaves S, Leighton J: Occurrence of valvular regurgitations in healthy teenage athletes accurately assessed during a mass screening using optigo, a color-Doppler, hand-carried ultrasound device. *Eur J Echocardiography* 2002;3(Suppl I): S44.

11. **Movahed MR**, Ahmadi-Kashani M, Sabnis M, Gragnani V, Hooshmand M, Leighton J, Greaves J, Greaves S: Using a hand-carried ultrasound device, the occurrence of left ventricular hypertrophy and hypertrophic cardiomyopathy in teenage athletes were accurately assessed during a preventive mass screening. *Eur J Echocardiography* 2002;3(Suppl I):S14.

12. **Movahed MR**, Ahmadi-Kashani M, Gim R, Kasravi B, Hashemzadeh M: Suspected isolated diastolic dysfunction occurs in 36% of patients with the clinical diagnosis of congestive heart failure. *Eur J Echocardiography* 2003;4(1):S12/158.

13. **Movahed MR**, Ahmadi-Kashani M, Kasravi B, Gim R, Hashemzadeh M: Left atrial size exponentially increases with age and can be accurately predicted using an equation. *Eur J Echocardiography* 2003;4(1): S52/486.

14. **Movahed MR**, Ahmadi-Kashani M, Kasravi B, Gim R, Hashemzadeh M: Normal left atrial size virtually excludes moderate or severe decreased left ventricular systolic function. *Eur J Echocardiography* 2003;4(1): S143/968.

15. **Movahed MR**, Ahmadi-Kashani A: A negative tilt-table test can be predicted by measuring early heart rate changes during the first 10 minutes of the test in patients with a history of syncope. *Europace* 2003;4(Suppl B):B127/P260.

16. Shariat SAS, Hashemzadeh MN, **Movahed MR**: Very high rate of right ventricular infarction after ligation of mid left anterior descending artery in rats. *Cardiovasc Radiat Med* 2003; 4(4):216.

17. Samsamshariat SA, Wang PH, **Movahed MR**: Simple and save method of endotracheal intubation in rats using straight tip 0.035 wire used for coronary angiography. *Cardiovasc Radiat Med* 2003; 4(4):216.

18. Shariat SA, **Movahed MR**: A novel method of left anterior descending artery ligation in rats with very high success rate. *Cardiovasc Radiat Med* 2003;4(4):216.

19. **Movahed MR**, Ahmadi-Kashani M: Healthy teenage female athletes undergoing echocardiography screening report more somatic symptoms in comparison to male without structural heart disease. Accepted for oral presentation at 2nd World Congress on Women's Mental Health, March 2004, Washington, DC.

20. **Movahed MR**, Kasravi B, Ahmadi-Kashani M, Gim R: A normal left atrial size has a very high negative predictive value in excluding abnormal left ventricular systolic function. *J Am Coll Cardiol* March 2004;43(5)(Suppl A):207A
21. **Movahed MR**, Kassab G, Molloi SY: Successful removal of iodine contrast from coronary sinus in swine during coronary angiography for prevention of contrast induced nephropathy. University of California, Irvine, Orange, California. Annual meeting American Society for Cardiolg Angiography and Intervention, San Diego, CA, April 2004. *Catheter Cardiovasc Interv* 2004; 62(1):97.
22. **Movahed MR**, Kasravi B, Ahmadi-Kashani M, Samsam Shariat SA: The prevalence of increased body mass index and obesity based on age and gender using a large database. Presented at 13th European Congress on Obesity, Prague, INTERNATIONAL JOURNAL OF OBESITY 28: S73-S73 Suppl. 1 MAY 2004.
23. **Movahed MR**, Kasravi B, Ahmadi-Kashani M: Mitral annulus calcification highly correlates with valvular regurgitation, left atrial enlargement and left ventricular hypertrophy. outstanding abstract at the European Society of Heart Failure meeting, Poland. *Eur J Heart Fail* 2004 ;(Suppl 3) 1:72/296.
24. **Movahed MR**, Kasravi B, Ahmadi-Kashani M, Hashemzadeh M: Left ventricular hypertrophy increases with age and can be accurately predicted using a cubic equation. European Society of Heart Failure meeting, Poland. *Eur J Heart Fail* 2004;(Suppl 3)1:136/527.
25. **Movahed MR**, Kasravi B, Ahmadi-Kashani M, Samsam Shariat SA: Prevalence of mitral valve prolapse and bicuspid aortic valve in a large population using echocardiographic databases. Presented at European Society of Cardiology meeting in Munich, Germany, August 2004. *Eur J Cardiol.* 2004;(supp): P3449.
26. Kassab GS, **Movahed MR**, Gregersen H: A novel method for measurement of coronary artery stenosis using an impedance catheter. *Am J Cardiol* 2004;(Suppl)94(6):427.
27. **Movahed MR**, Kasravi B, Ahmadi-Kashani M, Samsam Shariat SA: Pericardial effusion in patients with left ventricular dysfunction. Presentation at annual meeting of American College of Chest Physicians, Seattle, October 2004. *Chest* 126/4;(Suppl) Oct 2004, 792S.
28. **Movahed MR**, Samsam Shariat SA, Hashemzadeh M. Study of cardiovascular and its hemodynamic effects of peg (polyethylene glycol) in rat model. Presented at annual meeting of American College of Chest Physicians, Seattle, October 2004, *Chest* 126/4;(Suppl) Oct 2004, 826S.
29. Vu JD, Wallis J, **Movahed MR**, Bashir M: Clinical risk factors as predictors of coronary lesion location. ACP-ASIM Southern California Chapter Scientific Session, August 2002, Long Beach, CA.

30. **Movahed MR**, Ahmadi-Kashani M, Hooshmand M, Gragnani V, Sabnis M: Higher prevalence of healthy teenage female athletes reporting physical symptoms in comparison to males despite similar cardiac profiles undergoing screening echocardiography. 17th World Congress on Psychosomatic Medicine, August 2003.
31. **Movahed MR**, Gassab K, Molloi S: Successful removal of iodine contrast from coronary sinus in swine during coronary angiography for prevention of contrast induced nephropathy. AAAS 2004 annual meeting, Seattle Medicine and Public Health A111; Feb 15, 2004.
32. Samsam Shariat SA, Wang PH, **Movahed MR**. A novel and simple method of endotracheal intubation in rats using a j-wire as a guide for cardiovascular research. AAAS 2004 Annual meeting, Seattle Medicine and Public Health, A110; Feb 15, 2004.
33. **Movahed MR**, Ahmadi-Kashani M: Healthy teenage female athletes undergoing echocardiography screening report more somatic symptoms in comparison to male without structural heart disease. Accepted for oral presentation at 2nd World Congress on Women's Mental Health, March 2004, Washington, DC
34. **Movahed MR**, Ahmadi-Kashani M: Higher prevalence of healthy teenage female athletes reporting physical symptoms in comparison to males despite similar cardiac profiles undergoing screening echocardiography. 2004 annual meeting of the American Psychosomatic Society, March 2004, Orlando, Florida
35. **Movahed MR**, Gassab K, Molloi S: Device for coronary sinus contrast removal presented at technology transfer T2 conference, Los Angeles, CA, November 2004
36. **Movahed MR**. Successful removal of Iodine Contrast from coronary sinus in Swine During Coronary Angiography for Prevention of contrast Induced Nephropathy, Poster presentation, awardees', University of California, Irvine, October 26, 2005
37. **Movahed MR**, Milne N. Increased association between chronic cough and sputum production with the length and amount of smoking. Presented at 11th Congress of the Asian Pacific Society of Respiriology, Kyoto, Japan November 2006
38. **Movahed MR**, Milne N. Secondhand smoking is significantly associated with chronic sputum and cough production. Presented at 11th Congress of the Asian Pacific Society of Respiriology, Kyoto, Japan November 2006
39. **Movahed MR**, Milne N. No differences in left and right ventricular ejection fraction in patients with or without chronic obstructive pulmonary disease and smokers. Presented at 11th Congress of the Asian Pacific Society of Respiriology, Kyoto, Japan November 2006

40. **Movahed MR**, Ahmadi-Kashani M, Kasravi B: All valvular regurgitations significantly increase with aging. Presented at European Society of Echocardiography meeting, Athens, Greece Dec 2004, Europ J. of Echocardiography, 2004
41. Radhakrishnan R, **Movahed MR**, Levels of troponin release can aid in the early exclusion of stress induced (Tako-Tsubo) cardiomyopathy Presented at Frontiers in Biomedical Research Poster Forum, October 15, 2008, Tucson, AZ
42. **Movahed MR**, Hashemzadeh M, Jamal M: Diabetes mellitus is a strong independent risk for atrial fibrillation, flutter, and major cardiovascular disease. J Am Coll Cardiol March 2005; 45(3)(Suppl A):97A.
43. **Movahed MR**, Hashemzadeh M, Jamal MM: Diabetes mellitus increases the risk for atrial fibrillation and flutter. Presented for oral presentation as an outstanding abstract at Europace Congress, Prague, Europace 2005;(Suppl 1)7:150/489.
44. **Movahed MR**, Hashemzadeh M, Jamal MM. Third degree AV-block and ventricular fibrillation are more prevalent in patients with diabetes mellitus. Presented at Europace Congress, Prague, Europace. 2005 ;(Supple 1) 7:188/815. R.
45. Milne N, Herman J, Stobbe D, Lyons PK, **Movahed MR**. Diabetes is independently associated with a decrease in left and right ventricular function. Presented at CHEST meeting 2005, Chest 128/4 ;(Suppl) Nov 2005, 292S.
46. **Movahed MR**, Hashemzadeh M, Jamal M: Diabetes Mellitus is significantly associated with pulmonary embolism and pulmonary hypertension. Presented at CHEST 2005 and winner of second best poster award. Chest 128/4;(Supple) Nov 2005, 405S.
47. Donohue D, Ahsan C. **Movahed MR**. Stress-induced apical ballooning syndrome can be suspected based on classic echocardiographic findings and clinical presentation. Presented at CHEST meeting 2005. Chest 128/4;(Suppl) Nov, 2005, 280S.
48. Donohue D, **Movahed MR**. Meta-analysis of transient left ventricular apical ballooning syndrome based on gender and race. Presented at CHEST meeting 2005 Chest 128/4;(Suppl) Nov, 2005, 279S.
49. **Movahed MR**, Hepner A, Lizotte P, Milne N. Interventricular septa flattening observed on the myocardial perfusion images strongly correlate with right ventricular overload, Presented at CHEST meeting 2005, Chest 128/4 ;(Suppl)Nov, 2005, 286S.
50. **Movahed MR**, Kasravi B, Ahmadi-Kashani M. Gender specific echocardiographic prevalence of valvular heart disease in a database of 24,265 patients. Presented at CHEST meeting 2005, Chest 128/4 ;(Suppl) Nov, 2005, 289S. Movahed MR, Hashemzadeh M, Jamal M: Diabetes mellitus is independently associated with non-rheumatic aortic valve stenosis or regurgitation. Presented at CHEST meeting 2005, Chest 128/4 ;(Suppl) Nov, 2005, 284S.

51. Donohue D, **Movahed MR**. Stress-induced apical ballooning syndrome can be diagnosed early based on classic echocardiographic findings. Euro Echo 9, 2005, Florence, Italy. Europe. Journal of Echocardiography, 2005, supplement
52. **Movahed MR**, Hepner A, Lizotte P, Milne N. Correlation between echocardiographic Interventricular septal flattening and gated SPECT as a marker of right ventricular overload. Euro Echo 9, 2005, Florence, Italy.
53. **Movahed MR**, Stinis C. A New Proposed Simplified Clinically Orientated Classification of Coronary Artery Bifurcation, Presentation at Asian pacific Interventional Meeting. Newcastle. Heart Lung Circ 14/3 ;(Suppl) Dec 2005, 23.
54. **Movahed MR**, Wong J, Molloy S. Successful contrast removal from coronary sinus in five swine during coronary angiography. Presented at Asian pacific Interventional Meeting. Newcastle. Heart Lung Circ 14/3 ;(Suppl) Dec 2005, 29
55. **Movahed MR**. Unforeseeable risk of multivessel stenting in the era of drug eluting stents. Presented at Asian pacific Interventional Meeting. Newcastle. Heart Lung Circ 14/3;(Suppl) Dec, 2005, 33.
56. **Movahed MR**, Amani F, Stinis C, Kubaska S. Review of cases of Combined Peripheral and Coronary Artery Percutaneous Intervention. Presented at Asian pacific Interventional Meeting. Newcastle. Heart Lung Circ 14/3 ;(Suppl) Dec 2005, 35
57. **Movahed MR**. The left anterior descending artery communication to a totally occluded right coronary artery simulating large collateral. Presented at Asian pacific Interventional Meeting. Newcastle. Heart Lung Circ 14/3 ;(Suppl) Dec 2005, 35
58. **Movahed MR**, Vu J, Lizotte P. Large apical aneurysm that was seen on ventriculography was missed by echocardiography and gated SPECT secondary to hyperdynamic left ventricular wall at the aneurysm neck. Presented at Asian pacific Interventional Meeting. Newcastle. Heart Lung Circ 14/3 ;(Suppl) Dec 2005, 34.
59. **Movahed MR**, Nguyen NT, McAllister K, Yang JC. Diminished systolic flow in the mid stent segment of the previously stented ostial vein graft with normal flow during diastole. Presented at Asian pacific Interventional Meeting. Newcastle. Heart Lung Circ 14/3 ;(Suppl) Dec, 2005, 34.
60. **Movahed MR**, Hashemzadeh M, Jamal MM. Infectious endocarditis is independently associated with type II diabetes mellitus. J Am Coll Cardiol March 2006;47(4)(Suppl A):281A
61. **Movahed MR**, Stinis C. A new proposed simplified classification of coronary artery bifurcation lesions and bifurcation interventional techniques. CRT in Washington, DC , April 2006, Cardiovascular Revasc Medicine Journal, 2006

62. J.D. VU, J. SALCEDO, J. KLEVEN, A. SARCON, S. SHAHRIARI, J. WALLIS, F. BASHIR, H.G. OLSON AND **MOVAHED MR.** Mortality and the presence of angiographic documented coronary calcifications. CRT in Washington, DC, April 2006, Cardiovascular Revascularization Medicine, 7 (2) April-June 2006, Page 99
63. **Movahed, MR.** Simultaneous acute sent thrombosis of three drug eluting sents in the left anterior descending, diagonal and the circumflex coronary arteries, Accepted for presentation at CRT in Washington, DC, Cardiovascular Revascularization Medicine, April, 2006
64. 65. J.D. VU, J. SALCEDO, J. KLEVEN, A. SARCON, S. SHAHRIARI, J. WALLIS, F. BASHIR, H.G. OLSON AND **M R.. MOVAHED** CORONARY CALCIFICATIONS VISUALIZED ON ANGIOGRAPHY ARE NOT ASSOCIATED WITH INCREASED MORTALITY, Presented at the Society for Cardiovascular Angiography and Interventions (SCAI) 29th Annual Scientific Sessions in Chicago from May 10-13, 2006., Catheterization and Cardiovascular Intervention supplement, 2006
65. **Movahed, MR.** Wong J, Molloi S. Iodine contrast can be safely removed from coronary sinus in swine during coronary angiography. Presented at the Society for Cardiovascular Angiography and Interventions (SCAI) 29th Annual Scientific Sessions in Chicago from May 10-13, 2006. Catheterization and Cardiovascular Intervention supplement
66. 67. Tehrani F, **Movahed MR,** Case report “How to Prevent Echocardiographic Misinterpretation of Gerbode Type Defect as Pulmonary Arterial Hypertension. Presented at the American Society of Echocardiography meeting, June 2006. Euro Echo 2006, supplement
67. 68. J. Vu, HG. Olson, J. Wallis, S. Shahriar, A. Sarcon, J Kleven, J. Salcedo, **Movahed MR.** Mortality is not increased in the presence of angiographic documented coronary calcification. Presented at World Congress of Cardiology 2006, Barcelona Spain, Euro. Journal of Cardiology, 2006 Supplement
68. **Movahed MR,** Milne N. Poor correlation between left and right ventricular ejection in patients without cardiomyopathy. Presented at annual meeting of American College of Chest Physicians, Salt Lake City, October 2006, Chest 130/4;(Suppl), Oct. 2006, 196S.
69. **Movahed MR,** Saito Y. Body mass index is not correlated with left ventricular systolic function but with parameters of diastolic Dysfunction. Presented at annual meeting of American College of Chest Physicians, Salt Lake City, October 2006, Chest 130/4;(Suppl), Oct. 2006, 99S
70. **Movahed MR,** Milne N. The effect of secondhand smoking on chronic cough and sputum production presented at annual meeting of American College of Chest Physicians, Salt Lake City, October 2006, Chest 130/4;(Suppl), Oct. 2006, 175S

71. 72. Hepner A, **Movahed MR**. The prevalence of mitral valve prolapse in young Athletes Presented at annual meeting of American College of Chest Physicians, Salt Lake City, October 2006, Chest 130/4;(Suppl), Oct. 2006
72. **Movahed MR**. Prevalence of valvular abnormalities in patients who were referred for echocardiographic examination with a primary diagnosis of heart murmur. Presented at annual meeting of American College of Chest Physicians, Salt Lake City, October 2006, Chest 130/4;(Suppl), Oct. 2006, 192S
73. **Movahed MR**, Saito Y. Mitral annulus calcification is significantly associated with valvular abnormalities. Presented at annual meeting of American College of Chest Physicians, Salt Lake City, October 2006, Chest 130/4;(Suppl), Oct. 2006, 192S
74. **Movahed MR**, Heppner A Low body mass index is associated with mitral valve prolapse. Presented at annual meeting of American College of Chest Physicians, Salt Lake City, October 2006, Chest 130/4;(Suppl), Oct. 2006
75. **Movahed MR**, Hashemzadeh M, Jamal M Increased prevalence of asthma in patients with type 2 Diabetes mellitus. Presented at annual meeting of American College of Chest Physicians, Salt Lake City, October 2006, Chest 130/4;(Suppl), Oct. 2006, 160S
76. **Movahed MR**, Milne N. Chronic Obstructive Pulmonary Disease Does Not Effect Left or Right Ventricular Ejection Fractions. Presented at annual meeting of American College of Chest Physicians, Salt Lake City, October 2006, Chest 130/4;(Suppl), Oct. 2006, 170S
77. D. Donohue, F. Tehrani, R. Jamehdor, C. Lam, **MR Movahed**. The Prevalence of Brugada EKG In Adult Patients In The Western United States, Europace June 2007, Lisbon, Portugal
78. D. Donohue, F. Tehrani, R. Jamehdor, C. Lam, **Movahed MR**. Associated 10 year total mortality in patients with abnormal baseline EKG, Europace June 2007, Lisbon, Portugal
79. **Movahed MR**, Martinez A. Left Ventricular Hypertrophy is Independently Associated of with Body Mass Index and Gender, presented at the Annual Meeting of the American Society of Echocardiography, June 2007, Seattle, The journal of American society of echocardiography, 2007
80. **Movahed MR**, Milne N, Increased prevalence of biventricular dysfunction in patients with Type 2 Diabetes Mellitus, European Society of heart Failure Congress, Hamburg, Germany, June 2007. European Journal of heart failure, 2007
81. **Movahed MR**, Milne N, Increased prevalence of biventricular dysfunction in patients with Type 2 Diabetes Mellitus, European Society of Heart Failure Congress, Hamburg, Germany, June 2007. European Journal of heart failure, 2007

82. **Movahed MR**, Saito Y. Body mass index is associated with parameters of diastolic dysfunction. European Society of Heart Failure Congress, Hamburg, Germany, June 2007. European Journal of heart failure, 2007
83. **Movahed MR**, Hashemzadeh M, Mazen J. Nationwide Trends in the Utilization of Coronary Artery Bypass Surgery (CABG) in the United States. Presented as oral Abstract at Transcatheter Cardiovascular Therapeutic (TCT) October 2007. Washington, DC, Am J Cardiol 2007;(Suppl)100(8):103
84. **Movahed MR**, Hashemzadeh M, Mazen J. American Heart Association Scientific Meeting: The presence of Type 2 Diabetes Mellitus is strongly associated with essential hypertension, Circulation, Oct 2007; 116: II_458.
85. Toggart E, Lee J, Azmoon S, **Movahed MR**, Ebrahimi R. Safety and Efficacy of Starclose with Six Month Follow-up: A Single Center Registry. Abstract presented at Transcatheter Cardiovascular Therapeutic (TCT) October 2007. Washington, DC, Am J Cardiol 2007;(Suppl)100(8):592
86. **Movahed MR**, Hashemzadeh M, Jamal M. Type 2 Diabetes mellitus is strongly associated with third degree AV-block. J Am Coll Cardiol March 2008;51(10) (Suppl A): A 29
- 87.
88. Mostafizi K, **Movahed MR**. “Reverse Left Ventricular Apical Ballooning Syndrome” presented at Arizona chapter of the American college of cardiology annual meeting, September 29, 2007 , Phoenix, Arizona
89. Martinez A, Sattur S, **Movahed MR**. Marked Gender Differences in Reporting Physical Symptoms presented at presented at Arizona chapter of the American college of cardiology annual meeting. September 29, 2007, Phoenix, Arizona
90. Burns BJ, Sorrell V, Habibzadeh R. Martinez A, Admire A, **Movahed MR**. limitation of echocardiography in women with saline and silicone breast implants and proposed mechanism for overcoming these limitations. Presented at the regional meeting for the Society of General Internal Medicine (SGIM) in Phoenix, AZ on 9/28/07 AND at the regional ACP meeting in Tucson on Dec. 8th, 2007
91. Martinez A, Manrique C. Rahman M, Guima H, **Movahed, MR**. Left Ventricular Hypertrophy is Strongly Associated with Body Mass Index and Gender, 2007 AHSC Frontiers in Biomedical Research Poster Forum, October 17, 2007, Tucson, AZ
92. Burns B, **Movahed MR**, Enever L, Freund NS. The Prevalence of multivessel coronary disease versus single vessel or no coronary disease in native American patients with chronic kidney disease who presented with stable and acute coronary syndromes (THE REN-CAD STUDY), Presented at ACP Arizona chapter, 12, 2007

93. Ramaraj R, **Movahed MR**. Levels of troponin release aids in the early exclusion of Stress Induced (Tako-Tsubo) Cardiomyopathy. 5th Annual Research Poster Symposium, American Medical Association. Orlando, Florida. November 2008
- 94.
95. **Movahed MR**, Martinez A, Hashemzadeh M Left Ventricular Hypertrophy is Associated with Obesity, Male Gender and Symptoms in Healthy Adolescent Athletes. *J Am Coll Cardiol* March 2008;51(10)(Suppl A): A 84
96. **Movahed MR**, Hashemzadeh M, Jamal M. Nationwide trends in the incidence of acute ST elevation myocardial infarction (STEMI) in the United States. *J Am Coll Cardiol* March 2008;51(10)(Suppl A): A 201
97. **Movahed MR**, Hashemzadeh M, Jamal M Nationwide Trends in the Utilization of Percutaneous coronary Intervention (PCI) in the United States. *J Am Coll Cardiol* March 2008;51(10)(Suppl B): B55
98. **Movahed MR**, Hashemzadeh M, Jamal M Nationwide Trends in the Utilization of Multi vessel Percutaneous Coronary Intervention (MPCI) in the United States. *J Am Coll Cardiol* March 2008;51(10)(Suppl B): B55
99. Ebrahimi R, Lee J, Babaei H, **Movahed MR**, Toggart E. Immediate and Long-term safety and Efficacy of Starclose for diagnostic and Interventional Cases. *J Am Coll Cardiol* March 2008;51(10) (Suppl B): B95
100. **Movahed MR**, Hashemzadeh M, Jamal M. Nationwide trends in the incidence of acute Non-ST elevation myocardial infarction (STEMI) in the United States. Presented as oral presentation at the World Congress of Cardiology, Buenos Aires, Argentina, May 2008 *Circulation* 2008 online
101. **Movahed MR**, Hashemzadeh M, Jamal M. Nationwide trends in the incidence of acute ST elevation myocardial infarction (STEMI) in the United States. Presented as oral presentation at the World Congress of Cardiology, Buenos Aires, Argentina, May 2008, *Circulation* 2008 online
102. **Movahed MR**, Hashemzadeh M, Jamal M. Type 2 Diabetes is strongly associated with third degree AV block. Presented at the World Congress of Cardiology, Buenos Aires, Argentina, May 2008, *Circulation* 2008 online, 73, 0360
103. **Movahed MR**, Hashemzadeh M, Jamal M. Significant decline in age adjusted mortality rate from acute ST elevation myocardial infarction in the United States presented at the World Congress of Cardiology, Buenos Aires, Argentina, May 2008, *Circulation* 2008 online
104. **Movahed, MR**. Martinez A, Manrique C. Rahman M, Guima H, Ebrahimi R. Low body mass index and body surface area are independently associated with aortic regurgitation.

Presented at the World Congress of Cardiology, Buenos Aires, Argentina, May 2008, *Circulation* 2008 online

105. **Movahed MR**, Hashemzadeh M, Jamal M. Type 1 diabetes is strongly and independently associated with essential hypertension. Presented as oral presentation at the World Congress of Cardiology, Buenos Aires, Argentina, May 2008, *Circulation* 2008 online, 73,0361

106. **Movahed MR**, Hashemzadeh M, Jamal M Nationwide Trends in the Utilization of Percutaneous coronary Intervention (PCI) in the United States. Accepted for oral presentation at the World Congress of Cardiology, Buenos Aires, Argentina, May 2008, *Circulation* 2008 online, 73,0362

107. **Movahed MR**, Hashemzadeh M, Jamal M Nationwide Trends in the Utilization of Multi vessel Percutaneous Coronary Intervention (MPCI) in the United States. presented at the World Congress of Cardiology, Buenos Aires, Argentina, May 2008, *Circulation* 2008 online

108. **Movahed MR**, Martinez A, Hashemzadeh M. Obesity is associated with left ventricular hypertrophy and hypertension in healthy teenagers undergoing screening echocardiography. Presented at the annual meeting of the Society of Echocardiography. Toronto, Canada, June 2008, *J Am Soc Echocardiogr*, May 2008;21(5), 593

109. Manrique C, Martinez A, Rahman M, Guima H, **Movahed, MR**. Left atrial enlargement is significantly associated with all-cause mortality. Presented at the annual meeting of the Society of Echocardiography. Toronto, Canada, June 2008, *J Am Soc Echocardiogr* , May 2008;21(5), 553

110. Moderated poster presented by **Movahed MR** for Rroshanali F, Mandegar MH, Yousefnia MA. Echocardiographic Approach to the decision-Making Process for tricuspid Valve repair, Presented at the annual meeting of the Society of Echocardiography. Toronto, Canada, June 2008, *J Am Soc Echocardiogr*, May 2008;21(5), 555

111. **Movahed MR**, Hashemzadeh, Jamal M, "Presence of obesity is strongly associated with essential hypertension", presented as oral presentation at the 14th world congress on heart disease , the international academy of cardiology annual scientific sessions , Toronto, , ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):31

112. **Movahed MR**, Bates B, Martinez, A, Sattur S. African Americans has increased prevalence of suspected hypertrophic cardiomyopathy detected during screening echocardiography.", presented as oral presentation at the 14th world congress on heart disease, the international academy of cardiology annual scientific sessions, Toronto, , ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):243

113. **Movahed MR**, Hashemzadeh, Jamal M. Strong independent association between type2 diabetes mellitus and third degree AV block ", presented as oral presented as oral presentation at the 14th world congress on heart disease, the international academy of cardiology annual

scientific sessions , Toronto, , ON, Canada, July 26-29, 2008. *The Journal of Heart Disease*, July 2008;6(1):145

114. **Movahed MR**, Manrique C, Martinez A, Ebrahimi R. Low body mass index and body surface area are independently associated with aortic regurgitation.”, presented as oral presentation at the 14th world congress on heart disease, the international academy of cardiology annual scientific sessions , Toronto, , ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):463

115. **Movahed MR**, Bates B, Martinez, A, Sattur S. African American have higher prevalence of abnormal ECG documented during screening echocardiography. ", presented as a poster presentation at the 14th world congress on heart disease, the international academy of cardiology annual scientific session, Toronto, ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):39

116. **Movahed MR**, Bates B, Martinez, A, Sattur S. estimated prevalence of suspected hypertrophic cardiomyopathy in healthy teenagers in the USA. presented as a poster at the 14th world congress on heart disease, the international academy of cardiology annual scientific sessions, Toronto, ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):176

117. **Movahed MR**, Bates B, Martinez, A, Sattur S. “Less than 25% of suspected hypertrophic cardiomyopathy subjects documented during screening echocardiography have abnormal EKG findings.”, presented as poster presentation at the 14th world congress on heart disease , the international academy of cardiology annual scientific sessions , Toronto, , ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):396

118. **Movahed MR**, Bates B, Martinez, A, Sattur S “Reported physical symptoms during screening echocardiography is not associated with the presence of suspected hypertrophic cardiomyopathy.” presented as a poster presentation at the 14th world congress on heart disease , the international academy of cardiology annual scientific sessions , Toronto, , ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):180

119. **Movahed MR**, Sharon Bates, S, Martinez A, Sattur S. African American race is associated with a higher prevalence of abnormal ECG partially related to higher incidence of early repolarization and sinus bradycardia. Presented at the Hypertrophic cardiomyopathy congress in Italy, May 2008

120. **Movahed MR**, Sharon Bates, S, Martinez A, Sattur S. Markedly Increased Prevalence of Suspected Hypertrophic Cardiomyopathy in African American Healthy Teenagers Undergoing Screening Echocardiography. Presented at the Hypertrophic cardiomyopathy congress in Italy, May 2008

121. **Movahed MR**, Sharon Bates, S, Martinez A, Sattur S. The majority of participants with suspected hypertrophic cardiomyopathy documented during screening echocardiography have

normal ECG finding. Presented at the Hypertrophic cardiomyopathy congress in Italy, May 2008

122. **Movahed MR**, Sharon Bates, S, Martinez A, Sattur S. Reported physical symptoms on a questionnaire during screening echocardiography is not associated with the presence of suspected hypertrophic cardiomyopathy. Presented at the Hypertrophic cardiomyopathy congress in Italy, May 2008

123. **Movahed MR**, Sharon Bates, S, Martinez A, Sattur S. Prevalence of suspected Hypertrophic Cardiomyopathy in healthy teenagers undergoing Screening Echocardiography presented at the Hypertrophic cardiomyopathy congress in Italy, May 2008

124. **Movahed MR**, Sharon Bates, S, Martinez A, Sattur S. Obesity is associated with left ventricular hypertrophy and hypertension in healthy teenagers undergoing screening echocardiography. Presented at the Hypertrophic cardiomyopathy congress in Italy, May 2008

125. Sattur S. Sharon Bates, Martinez A, **Movahed MR**. Prevalence of mitral valve prolapse and associated valvular abnormalities in healthy teenagers undergoing screening echocardiography. Presented the Hypertrophic cardiomyopathy congress in Italy, May 2008

126. Manrique C, Adolfo Martinez A, Guima H. Rahman MA, **Movahed MR**." Left ventricular hypertrophy is independently associated with all-cause mortality", presented as poster presentation at the 14th world congress on heart disease , the international academy of cardiology annual scientific sessions , Toronto, , ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):177

127. **Movahed MR**, Salcedo J., Kleven A. Sarcon S. Shariari, VU JD." Angiographically documented decreased ejection fraction is independently associated with all-cause mortality" presented as poster presentation at the 14th world congress on heart disease, the international academy of cardiology annual scientific sessions, Toronto, , ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):188

128. Manrique C, Adolfo Martinez A, Guima H, Rahman MA, **Movahed MR**." Mitral annulus calcification is independently associated with all-cause mortality" presented as a poster presentation at the 14th world congress on heart disease, the international academy of cardiology annual scientific sessions, Toronto, , ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):404

129. **Movahed MR**, Bates B, Martinez A, Sattur S." Ventricular hypertrophy and hypertension are associated with obesity in healthy teenagers." presented as poster presentation at the 14th world congress on heart disease, the international academy of cardiology annual scientific sessions, Toronto, , ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):411

130. Manrique C, Adolfo Martinez A, Guima H., Rahman MA, **Movahed MR**” Independent association between left atrial enlargement and all-cause mortality.” presented as poster at the 14th world congress on heart disease, the international academy of cardiology annual scientific sessions , Toronto, , ON, Canada, July 26-29, 2008, *The Journal of Heart Disease*, July 2008;6(1):40
131. Attaran R, B. Boudi, **Movahed MR**, Poor correlation between pulmonary systolic pressure using echocardiography versus right heart catheterization in patients awaiting heart transplantation. Presented as oral presentation at the 14th world congress on heart disease , the international academy of cardiology annual scientific sessions , Toronto, , ON, Canada, July 26-29, 2008. *The Journal of Heart Disease*, July 2008;6(1):396
132. **Movahed MR**, Jamal MM, Hashemzadeh M, Ebrahimi R. Significant Decline in the Nationwide Trends in the Mortality in Patients undergoing Percutaneous Coronary Intervention, presented as electronic poster presentation at TCT Convention, Washington, DC, Oct. 2008, *Am J Cardiol*. 2008;(supp) 102 (8):572
133. **Movahed MR**, Hashemzadeh M Jamal MM, Ebrahimi R. Significant Decline in the Nationwide Trends in the Mortality in Patients undergoing Multivessel Percutaneous Coronary Intervention. Presented as electronic poster presentation at TCT Convention, Washington, DC, Oct. 2008, *Am J Cardiol*. 2008;(supp) 102 (8):573
134. **Movahed MR**, Jamal MM, Hashemzadeh M. “The prevalence of acute ST elevation myocardial infarction (STEMI) has been steadily decreased across the gender and ethnic groups in the United States. Presented at the American college of Cardiology Convention, *J Am Coll Cardiol* March 2009;53(10) (Suppl A): A 316
135. **Movahed MR**, Ramaraj R, Mazen Jamal, Ebrahimi R, Hashemzadeh M, “Gender and race specifics Nationwide trends in the utilization of multivessel percutaneous coronary intervention (MVPCI) in the United State” Presented at the American College of Cardiology Convention, March , 2009. *J Am Coll Cardiol* March 2009;53(10)(Suppl A): A82
136. **Movahed MR**, Sattur, Bates S. Impact of Race on Prevalence of Hypertrophic Cardiomyopathy in healthy teenagers undergoing Screening Echocardiography, presented at the American College of Cardiology Convention, March 30, 2009. *J Am Coll Cardiol* March 2009;53(10)(Suppl A): A170
137. **Movahed MR**, Ramaraj R, Mazen Jamal, Ebrahimi R, Hashemzadeh M, “Ethnicity and gender based Nationwide trends in the utilization of percutaneous coronary intervention (PCI) in the United State” Presented at the American College of Cardiology Convention, March 2009. *J Am Coll Cardiol* March 2009;53(10)(Suppl A): A84
138. **Movahed MR**, Ramaraj R, Mazen Jamal, Ebrahimi, R, Hashemzadeh M Stabilized Nationwide Trends In The Age Adjusted Incidence Of Non- ST Elevation Myocardial Infarction

(NSTEMI) Across Various Races And Gender. Presented at SCAI meeting, 2009, .
Catheterization and Cardiovascular intervention, June 1, 2009;573(7) A21

139. **Movahed MR**, Ramaraj R, Mazen Jamal. Hashemzadeh M. Gender and Race Specific Nationwide Trends in The Utilization of Coronary Bypass Surgery (CABG) In The United State. Presented at SCAI meeting, 2009, *Catheterization and Cardiovascular Intervention*, June 1, 2009;573(7)D13

140. **Movahed MR**, Hashemzadeh M, Ramaraj R. Increase in the nationwide utilization of percutaneous coronary intervention (PCI) in patients with diabetes, congestive heart failure, ST elevation and non-ST elevation myocardial infarction in the United State, Presented at TCT congress, San Francisco, CA, *Am J Cardiol*. 2008;(supp) 104 (6):549 September 2009

141. **Movahed MR, Ramaraj R**, Hashemzadeh M Persistent decline in the nationwide trends from percutaneous coronary intervention (PCI) related mortality in patients with diabetes, congestive heart failure, ST elevation and non St elevation myocardial infarction in the United State, Presented at TCT congress , San Francisco, CA, *Am J Cardiol*. 2008;(supp) 104 (6):548 September 2009

142. Hashemzadeh, **Movahed MR**, Decline in the nationwide trends from multivessel percutaneous coronary intervention (MVPCI) related in-hospital mortality based on gender and race in the United State Presented as oral abstract at TCT congress , San Francisco, CA, *Am J Cardiol*. 2008;(supp) 104 (6):91, September 2009,

143. Ebrahimi R, Shenoda M, Babaei H, Ahmadi N, Movahed R, Long term safety and Efficacy of Starclose in 1002 patients. Presented at TCT congress, San Francisco, CA, *Am J Cardiol*. 2008;(supp) 104 (6):572 September 2009

144. Sattur S, Bates S, **Movahed MR**. Low prevalence of mitral valve prolapse and associated valvular abnormalities in healthy teenagers undergoing screening echocardiography. Presented at chest meeting. *Chest* 2009; 136(suppl): 46S-h.

145. Sattur S. **Movahed MR**. Independent of race, low ejection fraction documented during cardiac catheterization is associated with long-term all-cause mortality. Presented at Chest meeting. *Chest* 2009; 136(suppl): 105S.

146. **Movahed MR**, John J, Jamal M, Hashemzadeh M, Hashemzadeh M. Significant decline in the age adjusted mortality from ST segment elevation myocardial infarction in the United state regardless of race or gender with persistent higher mortality rate for female and African American population, Presented as oral presentation at the American Heart association November 16, 2009, *Circulation Supplement* 2009

147. Sattur S. **Movahed MR**, Low ejection fraction documented during cardiac catheterization is independently associated with long-term, all-cause mortality, Biomedical Research Poster Forum October 7, 2009, Tucson, AZ

148. Attaran R, **Movahed MR**. Poor correlation of estimated pulmonary artery systolic pressure between echocardiography and right heart catheterization in patients awaiting cardiac transplantation: Results from the clinical arena. Biomedical Research Poster Forum October 7, 2009, Tucson, AZ
149. Khitri A, Arsanjani R, **Movahed MR**. Utilization of serial intravascular ultrasound in the evaluation of cardiac transplant vasculopathy. October 7, 2009, Biomedical Research Poster Forum Tucson, AZ
150. Saleh L, **Movahed MR**. Successful conservative treatment of undeployed intracoronary stent loss, Poster presentation at 2009 ACP - Arizona Chapter Meeting September 25-27, 2009, Tucson
151. Golnar Parvizi, Coaly Manrique, Mehrnoosh Hashemzadeh, **Movahed MR**, Clinical and Echocardiographic Predictors of Aortic Root Dilatation. Presented at Frontiers in Biomedical Research Poster Forum, October 20, 2010, Tucson, AZ
152. Hashemzadeh M, Hashemzadeh M, **Movahed MR**, Declining In-hospital Mortality Irrespective of Co-morbid Conditions in Patients Undergoing Coronary Bypass Surgery (CABG) in The United States. Presented at Frontiers in Biomedical Research Poster Forum, October 20, 2010, Tucson, AZ
153. Arsanjani R, Khitri A, Hashemzadeh M, **Movahed MR**. "Low Dose Heparin Administration During Routine IVUS Studies Without Therapeutic Coronary Intervention Is Safe Even Shortly After Endomyocardial Biopsy" presented as POSTER at CRT 2010, February 21, 2010
154. Arsanjani R, Khitri A, Hashemzadeh M, **Movahed MR**. "Protamine Can Safely Be Administered for Heparin Reversal Following Routine Intravascular Ultrasound Studies In Cardiac Transplant Patients Without Any Adverse Reaction" presented as POSTER at CRT 2010, February, 21, 2010
155. Khitri A, Arsanjani R. Hashemzadeh M, **Movahed MR**. "Utilization of Serial Intravascular Ultrasound in the Evaluation of Cardiac Transplant Vasculopathy" presented as POSTER at CRT 2010, February 21, 2010
156. **Movahed MR**, Jamal MM, Hashemzadeh M. "Decreasing Trend In-hospital Mortality of Patients Undergoing Percutaneous Coronary Intervention Regardless of Race or Gender with Persistent Higher Mortality Rates In Women and Minorities in The United State " presented as POSTER at CRT 2010, February, 21
157. **Movahed MR**, Jamal MM, Hashemzadeh M "Decline in The Nationwide In-hospital Mortality of Patients Undergoing Coronary Bypass Surgery (CABG) in The United States" presented as POSTER at CRT 2010, February 21, 2010

158. **Movahed MR**, Attaran RR. "Correlation between Estimated Ejection Fraction Measured by Echocardiography with Ejection Fraction Measured by Cardiac catheterization in Patients Awaiting Cardiac Transplantation" presented as POSTER at CRT 2010, February 21, 2010

159. **Movahed MR**. Challenging Case presentation:" Rapidly progressive catastrophic cardiac allograft vasculopathy", CRT, February 2010 at CRT web site

160. **Movahed MR**. Challenging Case presentation. "Unexplained Cardiogenic shock occurring during percutaneous Coronary intervention", CRT, February 2010 web site

161. **Movahed MR**. Challenging Case presentation. "Successful coronary angiography with adequate image acquisition using combination of gadolinium and power injector in a patient with severe iodine contrast allergy", CRT, February 2010 at CRT web site

162. **Movahed, MR**. Challenging Case presentation. "A case of resistant coronary spasm leading to third degree AV Block and Inferior ST elevation successfully treated with stenting," CRT, February 2010 at CRT web site

163. Arsanjani R, Khitri A, Hashemzadeh M, **Movahed MR**. "Low Dose Heparin Administration During Routine IVUS Studies Without Therapeutic Coronary Intervention Is Safe Even Shortly After Endomyocardial Biopsy" Presented at Society of Cardiovascular Angiography and Intervention convention (SCAI), May 2010

164. Arsanjani R, Khitri A, Hashemzadeh M, **Movahed MR**. "Protamine Can Safely Be Administered for Heparin Reversal Following Routine Intravascular Ultrasound Studies In Cardiac Transplant Patients Without Any Adverse Reaction. Presented as poster presentation at Society of Cardiovascular Angiography and Intervention convention (SCAI), May 2010

165. Arsanjani R, Khitri A, Hashemzadeh M, **Movahed MR**. "Utilization of Serial Intravascular Ultrasound in the Evaluation of Cardiac Transplant Vasculopathy" presented as poster presentation at Society of Cardiovascular Angiography and Intervention convention (SCAI), May 2010

166. Serati AR, Motamedi MR, Emami S, Varedi P, **Movahed MR** " L-CARNITINE SIGNIFICANTLY IMPROVES DIASTOLIC HEART FAILURE AND SYMPTOMS ", Accepted for poster presentation at 15th world congress on heart disease , the International academy of cardiology annual scientific sessions , Vancouver, Canada, July , 2010, *The Journal of Heart Disease*, 2010, (7) 462

167. Arsanjani R, Khitri A, Hashemzadeh M, **Movahed MR**. "Safe administration of Low Dose Heparin Administration During Routine IVUS Studies Without Therapeutic Coronary Intervention After Endomyocardial Biopsy" Presented as poster presentation at 15th world congress on heart disease, the International academy of cardiology annual scientific sessions , Vancouver, Canada, July , 2010, *The Journal of Heart Disease* ,2010, (7) 41

168. Arsanjani R, Khitri A, Hashemzadeh M, **Movahed MR**. "Safe use of Protamine For Heparin Reversal Following Routine Intravascular Ultrasound Studies In Cardiac Transplant

Patients Without Any Adverse Reaction. Presented as poster presentation at 15th world congress on heart diseases , the International academy of cardiology annual scientific sessions , Vancouver, Canada, July , 2010, *The Journal of Heart Disease 2010*, (7) 489

169. Arsanjani R, Khitri A, Hashemzadeh M, **Movahed MR**. " Benefit of Serial Intravascular Ultrasound in the Evaluation of Cardiac Transplant Vasculopathy" Accepted for poster presentation at 15th world congress on heart disease, the International academy of cardiology annual scientific sessions , Vancouver, Canada, July , 2010, *The Journal of Heart Disease 2010*, (7) 42

170. Panczyk E, **Movahed MR**. THE USE OF IVUS FOR DIAGNOSIS AND MONITORING OF CARDIAC ALLOGRAFT VASCULOPATHY BY CARDIAC TRANSPLANT CENTERS IN THE UNITED STATES. Presented as poster presentation at 15th world congress on heart disease, the international academy of cardiology annual scientific sessions, Vancouver, Canada, July, 2010, *The Journal of Heart Disease 2010*, (7) 479

171. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. LOWER TREND IN THE NATIONWIDE IN-HOSPITAL MORTALITY OF PATIENTS UNDERGOING CORONARY BYPASS SURGERY (CABG) IN THE UNITED STATES. Presented as poster presentation at 15th world congress on heart disease, the International academy of cardiology annual scientific sessions, Vancouver, Canada, July , 2010, *The Journal of Heart Disease 2010*, (7) 473

172. Ramaraj R, Panczyk E, Walsh TK, **Movahed MR**, Pack M. STUDY EVALUATING THE APPROPRIATENESS OF THE PUBLISHED APPROPRIATENESS CRITERIA FOR ORDERING PHOTON EMISSION COMPUTED TOMOGRAPHY (SPECT) MYOCARDIAL PERFUSION IMAGING. *INTERNATIONAL ACADEMY OF CARDIOLOGY, 15th WORLD CONGRESS ON HEART DISEASE, ANNUAL SCIENTIFIC SESSIONS 2010, VANCOUVER, BC, CANADA, JULY 24-27, 2010, The Journal of Heart Disease 2010*, (7) 198

173. Ghasemie M, Sanatkarfar A. Kaboli A. **Movahed MR**. Repeat percutaneous mitral valvuloplasty (PMV) in patients with recurrent mitral valve stenosis following to previous PMV (Immediate and long-term outcome). *VANCOUVER, BC, CANADA, JULY 24-27, 2010, The Journal of Heart Disease, 2010*, (7) 307

174. Ramaraj R, Movahed MR. REVERSE OR INVERTED TAKO-TSUBO CARDIOMYOPATHY (REVERSE LEFT VENTRICULAR APICAL BALLOONING SYNDROME) PRESENTS AT A YOUNGER AGE COMPARED TO MID OR APICAL VARIANT AND IS ALWAYS ASSOCIATED WITH TRIGGERING STRESS" *INTERNATIONAL ACADEMY OF CARDIOLOGY, 15th WORLD CONGRESS ON HEART DISEASE, ANNUAL SCIENTIFIC SESSIONS 2010, VANCOUVER, BC, CANADA, JULY 24-27, 2010, The Journal of Heart Disease 2010*, (7) 388

175. Ramaraj R, **Movahed MR**. Reverse or Inverted Tako-Tsubo Cardiomyopathy (Reverse Left Ventricular Apical Ballooning Syndrome) Presents at a Younger Age Compared to Mid or Apical Variant and Is Always Associated with Triggering Stress" *14th Annual Scientific meeting of the Heart Failure Society of America (September 12-15, 2010, San Diego, CA). Journal of Cardiac Failure 2010*; 16 (suppl): S16

176. **Movahed MR**, Hashemzadeh M “Declining In-hospital Mortality Irrespective of Co-morbid Conditions In Patients Undergoing Coronary Bypass Surgery (CABG) in The United States” presented at TCT convention. September 21, 2010, Washington, DC, Journal of American College of Cardiology, 2010.
177. **Movahed MR** et al Poor correlation between Estimated Ejection Fraction Measured by Echocardiography with Ejection Fraction Estimated by Cardiac Catheterization in Patients Awaiting Cardiac Transplantation presented as POSTER presentation at CRT 2011
178. Massoud Ghasemi, Mehdi Sanatkarfar, Afsoon Kaboli, Arash Shafii, **Movahed MR** .”High Success Rate of Repeat Percutaneous Mitral Valvuloplasty, have been presented as POSTER presentation at CRT 2011, Washington, DC, Feb 28, 2011
179. **Movahed MR**. “Contrast Removal Device from Coronary Sinus for prevention of contrast induced nephropathy” poster presentation at CRT, 2011, Washington, DC, Feb 28, 2011 2
180. **Movahed MR**. Using impedance catheter for measurement of cross-sectional area has been selected to be presented as a poster at CRT 2011 presented this innovation as a poster in “Innovation Alley” Washington, DC, Feb 28, 2011
181. Khan MF, **Movahed MR**. BETA BLOCKER PROPHYLAXIS FOR THE PREVENTION OF POST CABG ATRIAL FIBRILLATION: A META-ANALYSIS OF RANDOMIZED CONTROL TRIALS. Presented as oral presentation at 16 International Academy of Cardiology World Congress on Heart Disease Annual Scientific Sessions 2011, Vancouver, BC, Canada, July 25, 2011, Journal of Heart Disease
182. Khan MF, **Movahed MR**. POST CABG ATRIAL FIBRILLATION: IDENTIFICATION OF THE RISK FACTORS AND THE EFFECTIVENESS OF PROPHYLACTIC BETA BLOCKER THERAPY. Presented as poster at 16 International Academy of Cardiology World Congress on Heart Disease Annual Scientific Sessions 2011, Vancouver, BC, Canada, July 25, 2011, journal of heart disease
183. Khan MF, **Movahed MR**. COMPARISON OF METOPROLOL VS. CARVEDILOL AS A PROPHYLAXIS FOR THE PREVENTION OF POST CABG ATRIAL FIBRILLATION. Presented as poster at 16 International Academy of Cardiology World Congress on Heart Disease Annual Scientific Sessions 2011 Vancouver, BC, Canada, July 25, 2011, Journal of Heart Disease
184. Parvizi G, Hashemzadeh M, Manrique c, **Movahed MR**. AORTIC ROOT DILATATION IS ASSOCIATED WITH AGE, GENDER, HIGH BMI AND AORTIC VALVE DISEASE presented as poster at 16 International Academy of Cardiology World Congress on Heart Disease Annual Scientific Sessions 2011, Vancouver, BC, Canada, July 25, 2011, Journal of heart Disease
185. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. OBESITY IS STRONGLY ASSOCIATED WITH PRESENCE OF PULMONARY EMBOLISM presented as poster at 16

International Academy of Cardiology World Congress on Heart Disease Annual Scientific Sessions 2011, Vancouver, BC, Canada, July 25, 2011, Journal of Heart Disease

186. Milosz Jaguszewski¹ Jelena-Rima Ghadri, Yuliya Osipova, Marcin Fijalkowski, Moritz Schwyzer¹, Matthias Hasun¹, Christian Napp, Johann Bauersachs, **Reza Movahed**, Dariusz Ciecwierz, Andrzej Rynkiewicz, Rolf Jenni¹, Paul Erne, Thomas F. Luescher, Christian Templin. A European Multicenter Takotsubo Trial - First results: Impact of co-morbidities and risk factors in Takotsubo cardiomyopathy. Presented at the European Society of Cardiology in Paris, 2011

187. **Movahed MR**, Hashemzadeh M, Habibzadeh, M, Hashemzadeh M. No Reduction in the Age Adjusted Nationwide Trends in the Incidence of Cardiogenic Shock in the United State Irrespective of Gender or Ethnicities, Presented at TCT 2011. *J Am Coll Cardiol* March 2011;58(20) (Suppl B): B130

188. Arsanjani R, Khitri A, Hashemzadeh M, **Movahed MR**. Detection of > 0.4 mm of Minimal Intimal Thickness During Routine Intracoronary Ultrasound Studies Without a Baseline Study Correlates strongly with Total Death and Adverse Outcomes in Cardiac Transplant Patients. Presented at TCT 2011. *J Am Coll Cardiol* March 2011;58(20) (Suppl B): B183

189. **Movahed MR**, Hashemzadeh M, Habibzadeh, M, Hashemzadeh M. Gradual reduction in the age adjusted nationwide trends in the incidence of cardiogenic shock occurring in the setting of ST elevation myocardial infarction across different ethnicities and gender in the United State . Presented at TCT 2011. *J Am Coll Cardiol* March 2011;58(20) (Suppl B): B129

190. **Movahed MR**, Hashemzadeh M, Habibzadeh, M, Hashemzadeh M. Gradual decline in the Age Adjusted Mortality Rate from Cardiogenic Shock of any Cause or in the Setting of ST Elevation Myocardial Infarction in the United State. Presented at TCT 2011. *J Am Coll Cardiol* March 2011;58(20) (Suppl B): B128

191. Khoubyari R. **Movahed MR**. The Thigh Bone is Connected to the Wrist Bone: A Novel Method for Removal of a Kinked and Entrapped Radial Artery Cardiac Catheterization Catheter, Arizona ACP Poster Presentation, October 2011

192. Hashemzadeh M, Hashemzadeh M, **Movahed MR**. Gradual decline in the Age Adjusted Mortality Rate from Cardiogenic Shock of any Cause irrespective of gender accepted for poster presentation at 2012 ASA Conference on Statistical Practice, Florida

193. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. Gradual Decline in The Age Adjusted In-hospital Mortality Rate from Cardiogenic Shock in The Setting of STEMI Irrespective Of Race With Persistent Higher Mortality Rate In African Americans, CRT 2012, Washington D/C, Feb 2012

194. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. G Gradual Decline In The Age Adjusted In-hospital Mortality Rate From STEMI Related Cardiogenic Shock Irrespective of Gender With Persistent Higher Mortality Rate In Women. CRT 2012, Washington D/C, Feb 2012

195. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. Decline in the age adjusted in-hospital mortality rate from STEMI related cardiogenic Shock irrespective of gender with persistent higher mortality rate in women. Poster presentation at American Colleague of Cardiology Scientific Session, 2012, Chicago, *J Am Coll Cardiol*, Supp, March 2012

196. **Movahed MR**, Hashemzadeh M, Hashemzadeh M Gradual decline in the in-hospital mortality of type 2 diabetes patients presenting with acute ST segment elevation myocardial infarction over last 20 years presented at the SCAI 2012 Scientific Sessions in Las Vegas, NV May 9-12, 2012. *Catheter Cardiovasc Interv*.May;79(6) (Suppl): A050

197. **Movahed MR**, Hashemzadeh M, Habibzadeh R, Khan M, Hashemzadeh M . In-hospital mortality of obese patients undergoing percutaneous coronary intervention has been declining from 1989 to 2006 presented at the SCAI 2012 Scientific Sessions in Las Vegas, NV May 9-12, 2012. *Catheter Cardiovasc Interv*.May;79(6) (Suppl): B046

198. **Movahed MR**, Hashemzadeh M, Khan M, Habibzadeh R, Hashemzadeh M. Gradual decline in in-hospital mortality of patients undergoing percutaneous coronary intervention in diabetes and non-diabetes patients presented at the SCAI 2012 Scientific Sessions in Las Vegas, NV May 9-12, 2012. *Catheter Cardiovasc Interv*.May;79(6)(Suppl): C035

199. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. DECLINE IN THE IN-HOSPITAL MORTALITY OF TYPE 2 DIABETES PATIENTS WITH ACUTE ST SEGMENT ELEVATION MYOCARDIAL INFARCTION" has been presented as poster presentation at the International Academy of Cardiology, 17th World Congress on Heart Disease, Annual Scientific Sessions 2012, held in Toronto, ON, Canada, July 27 - 30, 2012. *The journal of Heart disease*, July;9(1): A173

200. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. IN-HOSPITAL MORTALITY OF OBESE PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION HAS BEEN DECLINING FROM 1994 TO 2006" has been presented as poster presentation at the International Academy of Cardiology, 17th World Congress on Heart Disease, Annual Scientific Sessions 2012, held in Toronto, ON, Canada, July 27 - 30, 2012. *The journal of Heart disease*, July;9(1): A045

201. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. GRADUAL DECLINE IN IN-HOSPITAL MORTALITY OF PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION IN DIABETES AND NON-DIABETES PATIENTS" has been presented as poster presentation at the International Academy of Cardiology, 17th World Congress on Heart Disease, Annual Scientific Sessions 2012, held in Toronto, ON, Canada, July 27 - 30, 2012. *The journal of Heart Disease*, July;9(1): A379

202. **Movahed MR**, Bates S. HIGHER PREVALENCE OF PHYSICAL SYMPTOMS REPORTED IN SUBJECTS WITH MITRAL VALVE PROLAPSE IS RELATED TO HIGHER PREVALENCE OF FEMALE GENDER WITH MITRAL VALVE PROLAPSE AND NOT DUE TO PRESENCE OF MITRAL VALVE PROLAPSE" has been presented as POSTER

presentation at the International Academy of Cardiology, 17th World Congress on Heart Disease, Annual Scientific Sessions 2012, Toronto, ON, Canada, July 27 - 30, 2012.

203. **Movahed MR**, Bates S. EARLY REPOLARIZATION SEEN ON ECG IS INDEPENDENTLY ASSOCIATED WITH AFRICAN AMERICAN RACE, AGE <30, BMI >25 AND HEART RATE < 70 BPM “has been presented as POSTER presentation at the International Academy of Cardiology, 17th World Congress on Heart Disease, Annual Scientific Sessions 2012, Toronto, ON, Canada, July 27 - 30, 2012. The journal of Heart Disease, July;9(1): A265

204. Khan M, **Movahed MR**. LONG TERM SURVIVAL ANALYSIS OF CARDIAC PARAGANGLIOMAS” has been presented as POSTER presentation at the International Academy of Cardiology, 17th World Congress on Heart Disease, Annual Scientific Sessions 2012, Toronto, ON, Canada, July 27 - 30, 2012. The journal of Heart Disease, July;9(1): A254

205. Khan M, **Movahed MR**. META-ANALYSIS OF TRIALS INVOLVING CHRONIC TOTAL OCCLUSIONS” has been presented as ORAL presentation at the International Academy of Cardiology, 17th World Congress on Heart Disease, Annual Scientific Sessions 2012, Toronto, ON, Canada, July 27 - 30, 2012. The journal of Heart Disease, July;9(1): A406

206. Bates S, **Movahed MR**. “Early repolarization seen on ECG is independently associated with African American race, Age <30, BMI >25 and heart rate < 70 bpm. Has been presented as poster presentation at International Symposium on Advances on Cardiomyopathies - 9th meeting of the European myocardial and pericardial diseases WG of the ESC, September 2012, Florence, Italy

207. Bates S, **Movahed MR** “Higher prevalence of physical symptoms reported in subjects with mitral valve prolapse is related to higher prevalence of female gender with mitral valve prolapse and not due to presence of mitral valve prolapse” has been presented as poster presentation at International Symposium on Advances on Cardiomyopathies - 9th meeting of the European myocardial and pericardial diseases WG of the ESC, September 2012, Florence, Italy

208. Bates S, **Movahed MR** “Reported history of physical symptoms during screening echocardiography in Teenagers are found to be associated with female gender, obesity, fast heart rate, diastolic hypertension and smoking” has been presented as poster presentation at International Symposium on Advances on Cardiomyopathies - 9th meeting of the European myocardial and pericardial diseases WG of the ESC, September 2012, Florence, Italy

209. Bates S, **Movahed MR** The effect of socioeconomic status on the prevalence of reporting physical symptoms showed in subjects with yearly income of < 100,000 in addition to female gender, obesity, smoking fast heart rate and high diastolic blood pressure has been presented as poster presentation at International Symposium on Advances on Cardiomyopathies - 9th meeting of the European myocardial and pericardial diseases WG of the ESC, September 2012, Florence, Italy

210. Bates S, **Movahed MR** “The value of repeat echocardiography in subjects undergoing screening echocardiography for detection of hypertrophic cardiomyopathy” has been presented

as poster presentation at International Symposium on Advances on Cardiomyopathies - 9th meeting of the European myocardial and pericardial diseases WG of the ESC, September 2012, Florence, Italy

211. **Movahed MR**, Khan M, Hashemzadeh M, Hashemzadeh M, , et al. Gradual Decline in The Age Adjusted In-hospital Mortality Rate from STEMI Related Cardiogenic Shock Irrespective of Cause, Race or Gender with Persistent Higher Mortality Rates in Women Despite Multivariate Adjustment presented as Poster in the Session entitled Women's CVD Outcomes and Drug Safety Nov 4 2012 at Scientific Sessions 2012, Nov. 3-7 in Los Angeles, California, Circulation Supplement, 2012

212. Khan M, **Movahed MR**, Wendel C. Thai H. "Abstract 15899: Percutaneous Revascularization of Chronic Total Occlusions Results in Improved Clinical Outcomes: A Meta-Analysis of the Available Literature". Presented as Oral abstract Nov 6 2012 at Scientific Sessions 2012, Nov. 3-7 in Los Angeles, California, Circulation Supplement, 2012, Circulation, 2012; 126: A15899

213. Khan M, Wendel C, Thai H, **Movahed MR**. Presented as oral presentation at The Society for Cardiovascular Angiography and Interventions 36th Annual Scientific Sessions "Failed Percutaneous Recanalization of Chronic Total Occlusion is Associated with Higher In-Hospital Mortality: A Systematic Review and Meta-Analysis of the Literature" Category: Complex PCI, Restenosis, Left Main & Multi-Vessel Intervention, Catheterization and Cardiovascular intervention, S33, May 2013, Orlando, Florida, SCAI Journal, 2013

214. **Movahed MR** et al." ANY DEGREE OF MITRAL REGURGITATION FOUND DURING INVASIVE VENTRICULOGRAPHY IS ASSOCIATED WITH ALL CAUSE MORTALITY" has been presented as ORAL presentation in the scientific session VALVULAR HEART DISEASE / CONGENITAL HEART DISEASE / PEDIATRIC CARDIOLOGY on Saturday, 7/27/2013 at The Hyatt Regency, Vancouver, BC, Canada. Journal of Heart Disease, 2013

215. **Movahed MR** et al. "PRESENCE OF ANOMALOUS CORONARIES DO NOT INCREASE THE RISK FOR ATHEROSCLEROSIS" has been presented as poster at the International Academy of Cardiology, 18th World Congress on Heart Disease, in the scientific session CARDIOVASCULAR DISEASE: PROGNOSIS, RISK ASSESSMENT on Sunday, 7/28/2013 at The Hyatt Regency, Vancouver, BC, Canada. Journal of Heart Disease, 2013

216. **Movahed MR** et al "QT DISPERSION AND T WAVE PEAK TO END TIME SIGNIFICANTLY CHANGE AFTER PRIMARY PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH ACUTE ST ELEVATION:" has been presented as oral presentation in the scientific session ACUTE CORONARY SYNDROMES: DETECTION, PREVENTION AND TREATMENT on Sunday, 7/28/2013 at The Hyatt Regency, Vancouver, BC, Canada. Journal of Heart Disease, 2013

217. **Movahed MR**, Bates et al. "REPEAT ECHOCARDIOGRAPHIC SCREENING IN SUBJECTS UNDERGOING SCREENING ECHOCARDIOGRAPHY FOR DETECTION OF

HYPERTROPHIC CARDIOMYOPATHY" has been present tied as poster at the International Academy of Cardiology, 18th World Congress on Heart Disease, in the scientific session LEFT VENTRICULAR HYPERTROPHY / HYPERTROPHIC CARDIOMYOPATHY on Saturday, 7/27/2013 at The Hyatt Regency, Vancouver, BC, Canada. Journal of Heart Disease, 2013

218. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. INCREASING UTILIZATION OF PERCUTANEOUS CORONARY INTERVENTIONS FROM 1988 TO 2006 IN PATIENTS WITH TYPE 2 DIABETES MELLITUS IN THE UNITED STATE, Presented at TCT, 2013 San Francisco, October 2013, JACC supplement 2013

219. Alfay W, **Movahed MR**, et al. "The Time Needed for An Interventional Cardiologist To Start Primary Percutaneous Intervention After The Patient Is Ready In The Cath Lab In The Setting Of St-elevation Myocardial Infarction Does Not Lead To Any Significant Delay In The Door-to-balloon Time " has been presented as POSTER presentation at CRT 2014, Washington DC, February 24, 2014

220. **Movahed MR**, Kusum L. All Degrees of Mitral Regurgitation Found During Invasive Ventriculography Are Associated with All-cause Mortality " has been presented as POSTER presentation at CRT 2014 scientific session in Washington DC, February 24, 2014. Published at JACC Intervention, 2014 supplement:7;2; S58

221. TaherkhaniM, Hashemi R, Hekmat M, Safi M, Taherkhani A, **Movahed MR**. "The Largest Case Series of Thrombolytic Therapy For Right Sided Mechanical Pulmonic And Tricuspid Valve Thrombosis Showing Very High Success rate" has been presented as POSTER presentation at scientific session at CRT 2014, Washington DC, February 24, 2014. Published at JACC Intervention, 2014 supplement:7;2; S59

222. **Movahed MR**, Hashemzadeh M., Hashemzadeh M. Obese Is Not Associated with Aortic Valve Disorder " has been presented as POSTER presentation at scientific session of CRT 2014, Washington DC, February 24, 2014

223. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. "Increasing Trends of Obese Patients Undergoing Percutaneous Coronary Intervention From 1988 To 2006" has been presented as POSTER presentation at CRT 2014, Washington DC, Feb 23, 2014. Published at JACC Intervention, 2014 supplement (CRT 164) 7;2; S27

224. Suryanarayana P, Kollampare S, Riaz IB, Lee J, Husnain M, Luni FK, **Movahed MR**. Atherosclerosis Presence Is Not Higher In Anomalous Coronaries" has been presented as POSTER presentation at CRT scientific Session 2014, Washington DC, February 23, 2014

225. **Movahed MR**, Hashemzadeh M., Hashemzadeh M. AGE ADJUSTED MORTALITY RATE FROM AORTIC VALVE SURGERY SHOWED PERSISTENT REDUCTION IN THE IN THE UNITED STATE WITH ELIMINATION OF GENDER GAP IN RECENT YEARS" has been presented as poster at the International Academy of Cardiology, Annual Scientific Sessions 2014 19th World Congress on Heart Disease HEART VALVE DISEASE - CAUSES, SYMPTOMS, DIAGNOSIS, AND TREATMENT on 7/28/2014 at The Hyatt Regency, Boston, MA. Published Supplement, Journal of Heart Disease 2014

226. **Movahed MR**, Manrique C, Hashemzadeh M.” HIGHER HEART RATE IS INDEPENDENTLY ASSOCIATED WITH OBESITY” has been presented as oral abstract at the International Academy of Cardiology, Annual Scientific Sessions 2014 19th World Congress on Heart Disease on July 2018 at The Hyatt Regency, Boston, MA. Published Supplement, Journal of Heart Disease 2014

227. **Movahed MR**, Update on Coronary bifurcation Classification and Interventions” ” Published Supplement, Journal of Heart Disease July, 2014 ; 11;1 (S345)

228. Alfay W, **Movahed MR**, et al. "The Time Needed for An Interventional Cardiologist To Start Primary Percutaneous Intervention After The Patient Is Ready In The Cath Lab In The Setting Of St-elevation Myocardial Infarction Does Not Lead To Any Significant Delay In The Door-to-balloon Time " has been presented as POSTER presentation at CRT 2014, Washington DC, February 24, 2014

229. **Movahed MR**, Kusum L. All Degrees of Mitral Regurgitation Found During Invasive Ventriculography Are Associated With All-cause Mortality " has been presented as POSTER presentation at CRT 2014 scientific session in Washington DC, February 24, 2014. Published at JACC Intervention, 2014 supplement:7;2; S58

230. Morteza S, Eslami,V, Hasan Namazi, M, Vakili, H, Saadat, H, Alipourparsa S, Adibi A, **Movahed MR** " Visual-Functional Mismatch Between Coronary Angiography, Fractional Flow Reserve (FFR) and Quantitative Coronary Angiography (QCA) " has been presented as POSTER presentation at scientific session at CRT 2015, Washington DC, February 22, 2015. Published at JACC Intervention, 2015, supplement:8;2; CRT152

231. **Movahed MR**, Hashemzadeh M., Hashemzadeh M. Presence of Diabetes Is Associated With Aortic Valve Disorder" has been presented as POSTER presentation at scientific session at CRT 2015, Washington DC, February 22, 2015. Published at JACC Intervention, 2015, supplement:8;2; CRT814

232. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. " Reduction In Mortality From Carotid Stenting After Initial Rise In The United State " has been presented as POSTER presentation at CRT 2015, Washington DC, Feb 22, 2015.

233. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. “Gradual Increase in The Age Adjusted Rate Of Pacemaker Implantation Over The Last Decade With Persistently Lower Rate In Women " has been presented as POSTER presentation at CRT 2015, Washington DC, Feb 22, 2015.

234. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. "Gradual Decline in The In-hospital Mortality Of Obese Patients Presenting With Acute ST Elevation Myocardial Infarction In Recent Years " has been presented as POSTER presentation at CRT 2015, Washington DC, Feb 22, 2015.

235. **Movahed MR**, Hashemzadeh M, Hashemzadeh M “REDUCTION IN THE USE OF DRUG ELUTING STENTS AFTER INTIAL INCREASING TREND IN THE SETTING OF

STEMI IN THE UNITED STATE “ presented at the International Academy of Cardiology, Annual Scientific Sessions 2015, 20th World Congress on Heart Disease, to be held at The Hyatt Regency Hotel, in Vancouver, BC, Canada, July 25 – 27, 2015, Published The Journal of Heart Disease, July, 2015 12;1;(149s)

236. **Movahed MR**, Hashemzadeh M, Hashemzadeh M “INFECTIOUS ENDOCARDITIS PREVALENCE HAS BEEN INCREASING OVER THE YEARS WITH PERSISTENTLY HIGHER PREVALENCE IN MALE GENDER “ presented at the International Academy of Cardiology, Annual Scientific Sessions 2015, 20th World Congress on Heart Disease, to be held at The Hyatt Regency Hotel, in Vancouver, BC, Canada, July 25 – 27, 2015, Published The Journal of Heart Disease, July, 2015 12;1;(341s)

237. **Movahed MR**, “Respiratory Maneuvers That Can Be Useful During Cardiac Catheterization or coronary interventions, Published in the Journal of Heart Disease, July, 2015 12;1;(349s)

238. Serati A, Namazi M, Vakili H, Safi M, Pourparsa S, Saadat H, Taherkhani M, Emami S, Pedari S, Vatanparast M, **Movahed MR**, Cardiovascular Revascularization Therapy (CRT) A Novel Risk Score Developed for Predicting failure or Success for Anterograde Approach to Chronic Total Occlusion. J Am Coll Cardiol. Interventions, 2016 Feb 9; 4(26S)

239. Safi M, Namazi M, Vakili H, Fooladi E, Pour parsas S, Khaheshi, I, Abbasi M, **Movahed MR**. Cardiovascular Revascularization Therapy. (CRT-200.77) Fractional; Flow Reserve measurement using Intracoronary Sodium Nitroprusside Infusion is similar to Intracoronary Adenosine in Moderately Stenotic Coronary Artery Lesions. J Am Coll Cardiol. Intervention, 2016 Feb, 9; 4(26S)

240. **Movahed MR**, Khoubyari R, Hashemzadeh M, Hashemzadeh M. Cardiovascular Revascularization Therapy. (CRT 800.08). Using a large Database, Pulmonary Embolism is Independently Associated with Obesity. J Am Coll Cardiol. 2016 Feb, 9; 68(64S):B73

241. **Movahed MR**, Hashemzadeh M, Hashemzadeh M, “STABILIZED RATE OF AORTIC VALVE SURGERY PERFORMED IN THE UNITED STATES IN RECENT YEARS WITH MARKEDLY LOWER RATE PERFORMED IN WOMEN” presented as poster at the 21st World Congress on Heart disease Scientific Session August, first 2016, Boston, MA, Published at The Journal of heart Disease. July 2016. 13;1 (S445)

242. **Movahed MR**. EVALUATION AND TREATMENT OF CHRONIC AND ACUTE CORONARY ARTERY DISEASE: UPDATE ON CONTRAST REMOVAL FROM CORONARY SINUS DURING CORONARY ANGIOGRAPHY OR INTERVENTION FOR PREVENTION OF CONTRAST INDUCED NEPHROPATHY Published in the Journal of Heart Disease, July 2016, 13;1;92 (S366)

243. **Movahed MR**, Hashemzadeh M. Transcatheter Therapeutics. (TCT-177 Obesity is independently associated with occurrence of ST elevation myocardial infarction with steady decline of this association over the recent years. J Am Coll Cardiol. 2016 Nov 1; 68(18S):B73

244. **Movahed MR**, Hashemzadeh M, Hashemzadeh M, “DIABETES AND HYPERTENSION ARE INDEPENDENT RISK FACTORS FOR THE PRESENCE OF AORTIC VALVE DISEASE” presented as ORAL presentation during the Scientific Sessions of the International Academy of Cardiology, 22nd World Congress on Heart Disease in the scientific ORAL session “VALVULAR AND STRUCTURAL HEART DISEASE: MECHANISMS AND TREATMENT OPTIONS”. Vancouver, BC, Canada July 16, 2017. Published Journal of Heart Disease 2017

245. Shammugasudaram M, Hashemzadeh M, **Movahed MR**. Outcomes of Percutaneous Coronary Intervention in Patients with Atrial Fibrillation presenting with Acute Myocardial Infarction presented as poster at Cardiovascular Revascularization Therapy Meeting CRT 18, Omni Shoreham, March 3-6, 2018, Washington, DC. Published in JACC Intervention, Feb 26, 2018 11;4 (Supp 100.22)11

246. **Movahed MR**, et al. Mahaim Fiber Coexisting with Coarctation Of Aorta And Bicuspid Aortic Valve In A Young Patient Presenting With Palpitation" presented at Cardiovascular revascularization medicine at CRT 2018, Feb 2018

247. **Movahed MR** et all. Coronary Calcifications Visualized on Angiography Are Not Associated with Increased Mortality" presented as POSTER presentation at CRT 2018, Washington, DC Feb 2018

248. **Movahed MR**, The Interesting Case Coronary Perforation Leading to Stable Coronary Lv Fistula has been presented and posted to CRT, 2018 Online. Washington, DC, Feb 2018

249. **Movahed MR**, Interesting Case Successful Percutaneous Closure of A Symptomatic Iatrogenic Large Femoral Av Fistula Using An Amplatzer Occluder Device has been presented orally at CRT 2018 during Exhibit Hall hours. Feb 2018, Washington, DC

250. Arsanjani R, Hashemzadeh M, **Movahed MR**. Initial Intravascular Ultrasound in the Evaluation of Cardiac Transplant Vasculopathy without a Routine Early Baseline Study Has Prognostic Value, presented as ORAL presentation during the Scientific Sessions of the International Academy of Cardiology, 23rd World Congress on Heart Disease in the scientific ORAL session “Advances in Cardiac Surgery: Congenital HEART Disease, /nary Revascularization/ Mechanical Circulatory Support/ Heart”. Boston MA USA, July 27, 2018. Published in Journal of Heart Disease 2018

251. Emami S, Samiei N, Amin A, Taghavi S, Parsae M. Naderi N, Serati A,, **Movahed MR**, RIGHT VENTRICULAR DYSFUNCTION DIFFERS IN PATIENTS WITH IDIOPATHIC PULMONARY HYPERTENSION VS SECONDARY PULMONARY HYPERTENSION presented as ORAL presentation during the Scientific Sessions of the International Academy of Cardiology, 23rd World Congress on Heart Disease in the scientific ORAL session “Cardiovascular Imaging Modalities for Evaluation of Coronary Circulation, Cardiac Structure, and Function”. Boston MA USA, July 27, 2018, Published in the Journal of Heart Disease 2018

252. Arsanjani R, Hashemzadeh M, **Movahed MR**. Prognostic Value of Initial Intravascular Ultrasound without a Routine Early Baseline Study in the Evaluation of Cardiac Transplant

Vasculopathy Presented as Moderated Poster at Trans Catheter Therapeutic (TCT) 2018 30th Congress on 09/23/2018, San Diego, CA

253. Samsam Shariat A, **Movahed MR**. Chronic stable class II angina after persistent perforation of LAD into the Left ventricular wall via sinusoidal connection stable class II angina after persistent perforation of LAD into the Left ventricular wall via sinusoidal connections. Presented at Trans Catheter Therapeutic (TCT) 2018 30th Congress on 09/2018, San Diego, CA

254. Dodge M, **Movahed MR**. Routine abdominal aortic examination during echocardiographic examination can detect significant numbers of Abdominal aortic aneurysm. Poster presentation at the Third Annual CareMore Cardiovascular Symposium 2019, April 6-7, 2019, Tucson, Arizona

255. **Movahed MR**, Bates S. Abnormally high BMI is associated with significantly higher systolic and diastolic blood pressure. Poster presentation at the Third Annual CareMore Cardiovascular Symposium 2019, April 6-7, 2019, Tucson, Arizona

256. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. Persistent and gradual decline in the in-hospital mortality of type 2 diabetes patients presenting with acute ST elevation myocardial infarction without any plateau. Poster presentation at the Third Annual CareMore Cardiovascular Symposium 2019, April 6-7, 2019, Tucson, Arizona

257. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. Gradual decline in the type 2 diabetes patients presenting with acute ST elevation myocardial infarction with recent plateau. Poster presentation at the Third Annual CareMore Cardiovascular Symposium 2019, April 6-7, 2019, Tucson, Arizona

258. Dhaliwal D, **Movahed MR**, Bhargava R. Fusobacterium nucleatum is causing endocarditis: A rare but important consideration in patients with Fusobacteria bacteremia. Poster presentation at the Third Annual CareMore Cardiovascular Symposium 2019, April 6-7, 2019, Tucson, Arizona

259. Taylor S, **Movahed MR**. Prevalence and mortality rate of patients with short QT found out that they were routinely on. Poster presentation at the Third Annual CareMore Cardiovascular Symposium 2019, April 6-7, 2019, Tucson, Arizona

260. Safi M, Serati AR, Emami S, **Movahed MR**. SPONTANEOUS CORONARY ARTERY DISSECTION WITH ST ELEVATION MYOCARDIAL INFARCTION TREATED WITH THROMBOLYTIC THERAPY ALONE WITHOUT A NEED FOR PCI. Poster presentation at the Third Annual CareMore Cardiovascular Symposium 2019, April 6-7, 2019, Tucson, Arizona

261. **Movahed MR**, Bates S. Self-reported abnormal physical symptoms significantly correlate with the occurrence of high diastolic blood pressure with no correlation with the occurrence of high systolic pressure. Poster presentation at the Third Annual CareMore Cardiovascular Symposium 2019, April 6-7, 2019, Tucson, Arizona

262. **Movahed MR.** Hashemzadeh M, Hashemzadeh M. Age adjusted in hospital mortality rates from systolic heart failure has declined until 2008 and remains stable thereafter Poster presentation at the Third Annual CareMore Cardiovascular Symposium 2019, April 6-7, 2019, Tucson, Arizona
263. Hashemzadeh M, Pasha A, **Movahed MR.** Trend in the Total Artificial Heart use in the United States based on NIS Database Poster presentation at the Third Annual CareMore Cardiovascular Symposium 2019, April 6-7, 2019, Tucson, Arizona
264. Lee Y, Habibzadeh MR, **Movahed MR.** Wellen syndrome or inverted U wave. Serious conditions need immediate attention regardless of symptoms. Poster presentation at the Third Annual CareMore Cardiovascular Symposium 2019, April 6-7, 2019, Tucson, Arizona
265. **Movahed MR,** Hashemzadeh M, Hashemzadeh M. Stabilized Rate of Aortic Valve Surgeries with Markedly Lower Rate Performed In Women In The United State In Recent Years, Prestented as Poster at Cardiovascular Revascularization Therapy Symposium, Washington, DC, March 2-5, 2019
266. **Movahed MR,** Hashemzadeh M, Hashemzadeh M. Stabilization of the Age Adjusted Mortality Rate from Aortic Valve Surgery in The United After year 2007 with Total Elimination of Gender Gap in Recent years. Presented as Poster at Cardiovascular Revascularization Therapy Symposium, Washington, DC, March 2-5, 2019
267. **Movahed MR,** Hashemzadeh M, Hashemzadeh M. Persistent Reduction in the Age Adjusted In-hospital Mortality Rate from Aortic Valve Surgery in The United State with Elimination of Gender Gap in Recent Years from 1988-2011 Presented at Society of Coronary Angiography and Intervention Scientific Session Congress, Las Vegas, NV, May 19-22, 2019. Published: Cath Cardio Inter 2019; (93) S173, I37
268. Shanmugasundaram M, Hashemzadeh M, **Movahed MR.** Outcome of Percutaneous Coronary Intervention in Patients with Peripheral Artery Disease Presenting with Acute Myocardial Infarction. Presented at Society of Coronary Angiography and Intervention Scientific Session Congress, Las Vegas, NV, May 19-22, 2019. Published: Cath Cardio Inter 2019; (93) S31, IV06
269. Dodge M, **Movahed MR.** Screening of the Abdominal Aorta During Routine Echocardiographic Examination is Cost Effective and Leads to Increased Statin Utilization by Detecting Subclinical Atherosclerosis. Presented at Society of Coronary Angiography and Intervention Scientific Session Congress, Las Vegas, NV, May 19-22, 2019. Published: Cath Cardio Inter 2019; (93) S118, IV28
270. Shanmugasundaram M, Skinner K, Murugapandian S, Timir P, Sachin K, Hashemzadeh M, **Movahed MR.** Outcome of Percutaneous Coronary Intervention in Acute Myocardial Infarction with Advanced Chronic Kidney Disease. Presented as Oral presentation at Cardiovascular Revascularization Therapy Symposium, Washington, DC, February 22-25, 2020, Published JACC Interv. 2020;13 (4), S5

271. Mousavi M, Kalhor S, Alizadeh M, **Movahed MR**. Opium Addiction has No Effect on Outcome in Patients Presenting with ST Elevation Myocardial Infarction. Presented as an Oral presentation at Cardiovascular Revascularization Therapy Symposium, Washington, DC, February 22-25, 2020, Published JACC Interv. 2020;13 (4), S513
272. Skinner K, Timir P, Sachin K, Hashemzadeh M, **Movahed MR**, Shanmugasundaram M. Outcome of Percutaneous Coronary Intervention in Acute Myocardial Infarction with Advanced Chronic Kidney Disease. Presented at Cardiovascular Revascularization Therapy Symposium, Washington, DC, February 22-25, 2020, Published JACC Interv. 2020;13 (4), S16
273. Davis, M, **Movahed MR**, Hashemzadeh, M. Patients with Idiopathic Thrombocytopenic Purpura (ITP) Have Lower Risk of ST-elevation Myocardial Infarction Independent Of Risk Factors presented as poster at Cardiovascular Revascularization Therapy Symposium, CRT 2020, Washington DC, Feb 22-25, 2020
274. Eslami V, Bashar zad N, Azhdari Tehrani H, Emami H, Gheymati A, **Movahed MR**. Obstructive Sleep Apnea In Patients With Coronary Artery Disease Negativity Affects The QT Dispersion But Not T Peak To T End Indices. Presented as poster at Cardiovascular Revascularization Therapy Symposium, Washington, DC, February 22-25, 2020
275. Pasha AK, Umer Siddiqui M, Ibtisam R, Lee JZ, Siddiqui, MD, **Movahed MR**. Patent Foramen Ovale Closure Has No Benefit Compared to Anticoagulation in Patients with Cryptogenic Stroke: A Meta-analysis of Randomized Trials. Presented as poster at Cardiovascular Revascularization Therapy Symposium, Washington, DC, February 22-25, 2020. Published Feb 2020
276. Shanmugasundaram M, Hashemzadeh M, **Movahed MR**. Higher Inpatient mortality occurs in patients with advanced chronic kidney disease undergoing Percutaneous Coronary Intervention. Presented at American Colleges of Cardiology Scientific Virtual Session, March 2020. Published at JACC journal supplement.
277. **Movahed MR**, et al. Abstract presentation at Virtual CRT 2021: Radiation Dose Reduction During Catheterization Procedures Using Simple Partial Patient Shielding”, has been presented and published Cardiovascular Revascularization Medicine, the official peer-reviewed journal of CRT.
278. **Movahed MR** et al. Abstract presentation at Virtual CRT 2021 Ventricular Functional Recovery After Myocardial Infarction Can Be Early Predicted By Longitudinal Strain Study”, has been presented with inclusion in Cardiovascular Revascularization Medicine, the official peer-reviewed journal of CRT
279. **Movahed MR**, Hashemzadeh M, Keele T, et al. Comparing Open Versus Laparoscopic Cholecystectomy for The Occurrence of Death And Myocardial Infarctions Using A Large Inpatient Database Revealed Much Better Safety Of Laparoscopic Cholecystectomy. has been presented at Cardiovascular Revascularization Therapy (CRT) meeting, Washington, Feb 2022, published at J Am Coll Cardiol Interv. 2022 Feb, 15 (4_Supplement) S2.

280. **Movahed MR** et al. The Occurrence of ST-Elevation Myocardial Infarction (STEMI) And Non-STEMI In Patients with Posttraumatic Stress Disorder (PTSD) Using The Large Nationwide Inpatient Sample (NIS). has been presented at Cardiovascular Revascularization Therapy (CRT) meeting, Washington, Feb 2022, published J Am Coll Cardiol Interv. 2022 Feb, 15 (4_Supplement) S1–S2.

281. Serati A, Hashemi A, Sharifkashani B, **Movahed MR** et al Using Simple Partial Patient Shielding with Lead Based Apron Can Significantly Reduce Radiation Exposure during Cardiac Catheterization has been presented at Cardiovascular Revascularization Therapy (CRT) meeting, Washington, Feb 2022, published J Am Coll Cardiol Interv. 2022 Feb, 15 (4_Supplement) S23.at JACC Intervention Journal, 2022

282. Haseefa F, **Movahed MR**, Hashemzadeh M, Hashemzadeh M. SPLENECTOMY APPEARS TO EXERT PROTECTIVE EFFECT FROM PREVIOUSLY REPORTED ASSOCIATION BETWEEN IMMUNE THROMBOCYTOPENIC (ITP) PATIENTS WITH AORTIC VALVE DISEASE. Presented at Americal College of Cardiology Meeting March, 2022. Published J Am Coll Cardiol. 2022 Mar, 79 (9_Supplement) 1698.

283. Eslami V , Basharzad N, Tehrani HA, Emami H, Gheymati A, **Movahed MR**. Evaluating Qt Dispersion And T Peak To T End (TpTe) Indices In Patients With History Of Coronary Artery Disease And Obstructive Sleep Apnea, Presented as poster at CRT 2023, Washington, DC CRT-101.08

284. Mousavi M, Sehati F, Tayebi A, Nayeri AD, **Movahed MR**, A Double-blinded Randomized Controlled Trial Comparing Eptifibatide Bolus Only versus Bolus Plus Infusion In Patients Undergoing Primary Percutaneous Coronary Intervention For ST-elevation Myocardial Infarction Revealed Similar Outcome. Presented as Best Abstracts: Coronary | Acute Myocardial Infarction & Bleeding Management as oral presentation Feb 23, 2023. Published in JACC, Intervention, 2023

285. Sulit C, **Movahed MR**. Hashemzadeh M, Hashemzadeh M. Evaluating The Association Between Immune Thrombocytopenic Purpura And Pulmonary Embolism, Presented as poster presentation at CRT February 2023, Washington DC

286. **Movahed MR**, Nathan A, Hashemzadeh M “Much Higher Inpatient Mortality and Complications In patients Undergoing Percutaneous Coronary Intervention for Chronic Total Occlusions” presented at the annual 2023 TCT scientific session as Moderated Abstracts Station 7. Emerging Clinical Science & Research October 25, 2023: Session: CTO Intervention II. Moscone Center, San Francisco, 2023, California. Published: Much Higher Inpatient Mortality and Complications in patients Undergoing Percutaneous Coronary Intervention for Chronic Total Occlusions, Journal of the American College of Cardiology 82 (17_Supplement), B8-B9, 2023

287. **Movahed MR**, Timmerman B, Hashemzadeh M. “Aortic Stenosis is Independently Associated With Smoking, Diabetes Mellitus, Hypertension, Hyperlipidemia, Renal Disease, COPD, and Caucasian Ethnicity in Addition to Advanced Age, Rheumatic Fever, and Bicuspid Aortic Valve” presented as E poster at the AHA Scientific Sessions 2023, Philadelphia,

Published: Aortic Stenosis is Independently Associated With Smoking, Diabetes Mellitus, Hypertension, Hyperlipidemia, Renal Disease, COPD, and Caucasian Ethnicity in Addition to Advanced Age, Rheumatic Fever, and Bicuspid Aortic Valve, *Circulation* 148 (Suppl_1), A11686-A11686, 2023

288. **Movahed MR**, Talle A, Hashemzadeh M. “Impella Use in Patients With Cardiogenic Shock is Associated With the Highest Inpatient Mortality in Comparison to Lowest Mortality Seen With the Use of Intraaortic Balloon Pump Using Large Nationwide Inpatient Sample (NIS) Database” presented as poster at the AHA Scientific Sessions 2023, Philadelphia. Published: Impella Use in Patients with Cardiogenic Shock is Associated With the Highest Inpatient Mortality in Comparison to Lowest Mortality Seen With the Use of Intraaortic Balloon Using Large Nationwide Inpatient Sample (NIS) Database, *Circulation* 148 (Suppl_1), A15622-A15622, 2023

289. **Movahed MR**, Nathan A, Hashemzadeh M. “Higher Inpatient Mortality and Complications In patients Undergoing Percutaneous Coronary Intervention for Chronic Total Occlusions presented as Oral abstract at the AHA Scientific Sessions 2023, Philadelphia. Published: Percutaneous Coronary Intervention for Chronic Total Occlusions is Associated With Higher Inpatient Mortality and Complications. MR Movahed, A Nathan, M Hashemzadeh, *Circulation* 148 (Suppl_1), A11687-A11687, 2023

290. Aamir Patel, **Movahed MR**, Hashemzadeh M. Mehrnoosh Hashemzadeh and Rachna Guntu. STROKE AND NEUROSCIENCE SESSION TITLE: INPATIENT MANAGEMENT OF STROKE RISK AND CLINICAL OUTCOME. Association Between Idiopathic Thrombocytopenic Purpura and Risk of Hemorrhagic Stroke: A Nationwide Inpatient Sample Study presented at 2023 AHA scientific session as poster, San Francisco, California.

291. **Movahed MR**, A Nathan, M Hashemzadeh Coronary Bifurcation Percutaneous Intervention Is Associated with Significantly Higher Mortality and Complications Using the National Inpatient Sample (NIS) Database, Presented at CRT as poster March 2024 meeting, Washington DC, published *JACC Cardiovascular Interventions*, 17 (4_Supplement), S12-S12, 2024

292. **Movahed MR**, E Venard, M Hashemzadeh. Women With Breast Implants Have a Higher Adjusted Rate of Cardiac Catheterization but a Lower Rate of Percutaneous Coronary Intervention Consistent With Suspected Higher False Positive Rates of Cardiac Stress Imaging Due to Breast Implant Interference presented at CRT meeting s poster March 2024, Washington, DC published *JACC Cardiovascular Interventions* 17 (4_Supplement), S29-S29, 2024

293. **Movahed MR**, Lajevardi B, Talle A, Hashemzadeh M. Coronary Bypass Grafting Is Associated With Highest Mortality In Cachexia And With Lesser Degree In Morbid Obesity But With Lowest Mortality In Overweight And Mild Obesity In An L Shape Pattern” has been presented as a POSTER during the CRT 2024 meeting at the Washington Hilton Hotel in Washington, DC. Saturday March 9, 2024

294. **Movahed MR**, Hashemzadeh M. Many Cardiovascular Risk Factors, Obesity, COPD and Numerous Inflammatory Diseases Are Independently Associated With Aortic Stenosis” has been Presented as a POSTER during the CRT 2024 meeting at the Washington Hilton Hotel in Washington, DC. Saturday March 9, 2024

295. **Movahed MR**, Hashemzadeh M, et al. Presence of Aortic Valve Regurgitation Is Independently Associated With Coronary Artery Disease, Smoking, Hypertension, Hyperlipidemia, Chronic Kidney Disease And Many Inflammatory Conditions In Addition To Bicuspid Aortic Valve Using A Very Large NIS Database” has been accepted as a POSTER during the CRT 2024 meeting at the Washington Hilton Hotel in Washington, DC. Saturday March 9, 2024

296. **Movahed MR**, Hashemzadeh M, et al. Many Cardiovascular Risk Factors, Obesity, Copd And Numerous Inflammatory Diseases Are Independently Associated With Aortic Stenosis” has been presented as a POSTER during the CRT 2024 meeting at the Washington Hilton Hotel in Washington, DC. Saturday March 2024

297. **Movahed MR**, Hashemzadeh M. Association Between St-elevation And Non-st-elevation Myocardial Infarction with Chest Trauma Is Very Low” has been presented as a POSTER during the CRT 2024 meeting at the Washington Hilton Hotel in Washington, DC, March 9, 2024

298. Hashemzadeh M. **Movahed MR**, Hashemzadeh M, et al. Gender and Racial Disparities In Mitral Stenosis: A Comparative Analysis” has been presented as a POSTER during the CRT 2024 meeting at the Washington Hilton Hotel in Washington, DC. March 9, 2024

299. **Movahed MR**. Coronary perforation occurring in the setting of percutaneous coronary intervention is associated with high inpatients mortality and complication. Presented as poster at SCAI Science and Practice Poster Session C: Imaging and Non-Invasive Imaging; Stable Ischemic Heart Disease; Intravascular Imaging and Physiology; Left Main & Multi-Vessel; Pharmacotherapy; Vascular Access and Arterial Closure Devices. Thursday, May 2, 2024: 10:40 AM - 12:10 PM, Long Beach Convention Center, Exhibit Hall A, and Poster Session C: Late Breaking Posters, Friday May 3, 2024.

300. **Movahed MR**. Major Delay in Door to Ballon Time for Primary Percutaneous Coronary Intervention is not Related to Interventional Cardiologists Late Arrival presented at SCAI Science and Practice. Poster Session A: Acute Coronary Syndromes & MI, Thursday, May 2, 2024: 10:40 AM - 12:10 PM, Long Beach Convention Center, Exhibit Hall A

301. **Movahed MR**. The use of intravascular ultrasound (IVUS) during percutaneous coronary intervention does not reduce all causes in-hospital mortality but doubles the cost with higher utilization in privately insured patients. Presented at SCAI Science and Practice. Poster Session C: Imaging and Non-Invasive Imaging; Stable Ischemic Heart Disease; Intravascular Imaging and Physiology; Left Main & Multi-Vessel; Pharmacotherapy; Vascular Access and Arterial Closure Devices, Friday, May 3, 2024: 10:35 AM - 12:15 PM, Long Beach Convention Center, Exhibit Hall A

302. **Movahed MR.** Women with breast implant have higher positive cardiac testing leading to a higher utilization of coronary angiography despite lower presence of coronary disease. Presented at SCAI Science and Practice. Poster Session C: Imaging and Non-Invasive Imaging; Stable Ischemic Heart Disease; Intravascular Imaging and Physiology; Left Main & Multi-Vessel; Pharmacotherapy; Vascular Access and Arterial Closure Devices. Friday, May 3, 2024: 10:35 AM - 12:15 PM, Long Beach Convention Center, Exhibit Hall A, 2024 and Poster Session C: Late Breaking Posters

303. **Movahed MR.** In patients with acute cardiogenic pulmonary edema without cardiogenic shock, rapid administration of repeated buccal nitroglycerin ointment prevents the need for intubation and mechanical ventilation. “The Movahed Protocol” Presented at SCAI Science and Practice. Poster Session F: Peripheral Vascular Disease (Including Other Endovascular Interventions; PAD & CLI; Pulmonary Embolism; Venous Disease) Saturday, May 4, 2024: 10:25 AM - 11:45 AM, Long Beach Convention Center, Exhibit Hall A

304. **Movahed MR.** High level of discordant between reported wedge pressure with diastolic pulmonary pressure found during right heart catheterization in patients awaiting cardiac transplantation presented as e poster: Chronic Heart Failure, Pathophysiology and mechanism, May 13, 2024, ESC Heart Failure 2024 meeting in Lisbon, Portugal

305. **Movahed MR.** Lowest complications and total mortality with Intra-aortic balloon pump vs Impella despite adjustment for 54 variable or hospital types in patients with cardiogenic shock presented as E-poster. Chronic Heart failure, epidemiology, prognosis, outcome session. May 11, 2024. ESC Heart Failure 2024 meeting in Lisbon, Portugal

306. **Movahed MR.** Independent of comorbidities, patients with diastolic or systolic heart failure, inpatient mortality is lowest in overweight followed by obesity and morbid obesity whereas is highest in cachexia presented May 13, 2024. Session: Acute Heart Failure, ESC Heart Failure 2024 meeting in Lisbon, Portugal

307. **Movahed MR.** Extracorporeal membrane oxygenator (ECMO) has the highest all cause inpatient mortality rate in comparison to intra-aortic balloon pump (IABP) or no device in cardiogenic shock presented May 13, 2024. Session: acute Heart Failure, ESC Heart Failure 2024 meeting in Lisbon, Portugal

308. **Movahed MR.** Traditional Risk Factors Are Not Associated with the Development of Allograft Vasculopathy, but They Are Associated with More Severe Lesions Requiring Percutaneous Coronary Intervention. Presented at TCT congress, Washington, DC, Oct 25-28, 2024 TCT-965 JACC. 2024 Oct, 84 (18_Supplement) B411.
<https://doi.org/10.1016/j.jacc.2024.09.1152>

309. Hashemzadeh M, **Movahed MR** Overweight and Obesity Have the Lowest Mortality, Whereas Cachexia Has the Highest Inpatient Mortality, Followed by Morbid Obesity in Patients Presenting With ST-Segment Elevation Myocardial Infarction. Presented at TCT congress,

Washington, DC, Oct 25-28, 2024, TCT-811 JACC. 2024 Oct, 84 (18_Supplement) B328–B329.
<https://doi.org/10.1016/j.jacc.2024.09.962>

310. **Movahed MR**, Hashemzadeh M. Mortality Is Lowest in Overweight Followed by Obese and Morbid Obese Patients and Is Highest in Cachexia Compared with Normal Weight in Patients with a Diagnosis of Aortic Stenosis. Presented at TCT congress, Washington, DC, Oct 25-28, 2024, TCT-649 JACC. 2024 Oct, 84 (18_Supplement) B249.
<https://doi.org/10.1016/j.jacc.2024.09.774>

311. **Movahed MR**, Hashemzadeh M, Hashemzadeh M. High Mortality and Complications in Patients Admitted with Takotsubo Cardiomyopathy Without Improvement in Outcomes Over the Years. Presented at TCT congress, Washington, DC, Oct 25-28, 2024, TCT-672 JACC. 2024 Oct, 84 (18_Supplement) B258. <https://doi.org/10.1016/j.jacc.2024.09.797>

312. **Movahed MR**, Nathan A, Hashemzadeh M. Use of Intravascular Ultrasound During Percutaneous Coronary Intervention Does Not Reduce All-Cause In-Hospital Mortality but Doubles the Cost, With Higher Use in Privately Insured Patients. Presented at TCT congress, Washington, DC, Oct 25-28, 2024, TCT-58. JACC. 2024 Oct, 84 (18_Supplement) B176.
<https://doi.org/10.1016/j.jacc.2024.09.605>

313. **Movahed MR**, Marefat M, Hashemzadeh M. Lack of Obesity Paradox Regarding Mortality in Patients Undergoing Extracorporeal Membrane Oxygenation Treatment. Presented at TCT congress, Washington, DC, Oct 25-28, 2024, TCT-459. JACC. 2024 Oct, 84 (18_Supplement) B145. <https://doi.org/10.1016/j.jacc.2024.09.533>

314. Hashemzadeh M, Nathan A, **Movahed MR**. Overweight Followed by Obesity and Morbid Obesity Have the Lowest Mortality, Whereas Cachexia Has the Highest Mortality Compared with Normal Weight Category in Patients Undergoing Percutaneous Coronary Intervention. Presented at TCT congress, Washington, DC, Oct 25-28, 2024. TCT-243. JACC. 2024 Oct, 84 (18_Supplement) B37–B38. <https://doi.org/10.1016/j.jacc.2024.09.284>

315. Rezvani R, **Movahed MR**, Hashemzadeh M, Hashemzadeh M. Heparin-Induced Thrombocytopenia among patients with Non-ST Myocardial Infarction increases mortality nearly two-and-a-half times Abstract 4144025 at AHA meeting Chicago, November 2024 published Circulation 150 (Suppl_1), DOI: 10.1161/circ.150.suppl_1.4144025

316. **Movahed MR**, Hashemzadeh M. Oral Abstract presentation, Speaker: title: “Traditional Risk Factors Are Not Associated With Development Of Allograft Vasculopathy, But They Are Associated With More Severe Lesion Requiring Percutaneous Coronary Intervention’. Monday, March 10, 2025, Session: Abstract & Interesting Cases Theater #2

317. **Movahed MR**. Oral Abstract presenter, Speaker: Session: Abstract Session | Heart Failure | Pharmacology & Valvular Heart Disease and Cardiomyopathies, March 10, 2025, Session: Abstract & Interesting Cases Theater #1, “High Level of Discordant Between Reported Wedge

Pressure with Diastolic Pulmonary Pressure Found During Right Heart Catheterization In Patients Undergoing Cardiac Transplant Evaluation.

318. Bates S. **Movahed MR**. Abstract presentation entitled: Rewarding Twenty-year Experience with Initial And Repeat EKG And Echocardiographic Screening For Prevention Of Sudden Death In Detecting Abnormal Findings at CRT 2025. during the Abstract Cafe Reception on March 8, 2025, Washington, DC

319. Vazques J. Bates S. **Movahed MR**. Abstract presentation entitled: High Correlation Between Hypertension and Cardiovascular Diseases Identified Following Screening Echocardiography And Electrocardiography By The Anthony Bates Foundation presentation at CRT 2025 on, March 8, 2025, Washington, DC

320. **Movahed MR**. Hashemzadeh M. Abstract presentation entitled: Gender In Post-cardiac Transplant Patients Has No Effect On The Occurrence Of Death, Major Cardiovascular Events (mace), Or Development Of Transplant Vasculopathy presentation at CRT 2025 during the Abstract Cafe Reception on March 8, 2025, Washington, DC

321. **Movahed MR**. Abstract presentation entitled: The Movahed Protocol And Algorithm For Using Highly Effective Repeated Buccal Nitroglycerin Ointment Administration For Prevention Of Intubation In Patients With Acute Cardiogenic Pulmonary Edema Without Cardiogenic Shock presentation at CRT 2025 during the Abstract Cafe Luncheon on March 8, 2025, Washington, DC

322. Marefat M. Hashemzadeh M. **Movahed MR**. Abstract presentation entitled: Lack Of Obesity Paradox Regarding Mortality In Patients Undergoing Extracorporeal Membrane Oxygenation Treatment presentation at CRT 2025 during the Abstract Cafe Luncheon on March 8, 2025, Washington, DC

323. Hashemzadeh M. Hashemzadeh M. Baddigam S. **Movahed MR**. Abstract presentation entitled: Mortality Is Lowest in Overweight And Obese Patients In Patients With Intraaortic Ballon Pump Insertion And Is Highest In Cachectic Patients Followed By Morbid Obesity Compared To Normal Weight presentation at CRT 2025 during the Abstract Cafe Luncheon on March 8, 2025, Washington, DC.

324. **Movahed MR**. Hashemzadeh M. Abstract presentation entitled: In Patients Treated With Impella, Mortality Is Lowest In Overweight And Obese Patients And Is Highest In Morbidly Obese Compared To Normal Weight presentation at CRT 2025 during the Abstract Cafe Luncheon on March 8, 2025, Washington, DC

Mentorship of Medical Student and Undergraduate Research:

Mentorship and Research Course performed with undergraduate students at the University of Arizona, Tucson and Phoenix. Research projects involving antiplatelet therapies, drug design and reviews in Cardiovascular Medicine leading to many publications, 2014-present. Following students completed their courses, Rayan Successfully entered Medical School at the University of Arizona, Phoenix, Jacob currently is a Med student at the University of Oregon and Joe is at Stanford University as graduate student this year. Continue Supporting med Student research at University of Arizona Tucson and Phoenix. Here are some of the students with their projects

Mentor to numerous Residents, Fellows and Med students at the University of Arizona, Tucson and phoenix and other universities: 2005-present:

Parastou Sazegar	U of A Undergraduate Student	2014-2015
Joseph Arreguine	MCB 492 260	Fall and spring 2015
Ryan Romo	PSIO 492 87	Fall 2014-2015
Jacob Witt	PSIO 492 87	Fall 2015-2016
Samantha Taylor	Phoenix Med Student	2017-2020
Sokena Zaidi	Phoenix Med Student	2018-2021
Navid Fallahi	Med Student St Francis Med Center	2018-2019
Sarah Fallahi	U of A Undergraduate Student	2018-2019
Abolfazl Razi, Ph.D.	Northern Arizona University	2018
Coraley Marinque	Grand Canyon University	2021
Taft Keele	Phoenix Med Student	2022
Natham Allistar	Phoenix Med Student	2022-2023
Amin Patel	Phoenix Med Student	2022-2023
Amir Talle	Phoenix Med Student	2022-2023
Brandon Timmerman	Phoenix Med Student	2022-2023
Nandini Sodhi	Univ of Arizona, Tucson	2023
Lucy Hickcox	Fort Lewis College, Durango, CO	2022-2023
Rachna Guntu	Phoenix Med Student	2022-2023

Manrit Gill	Phoenix Med Student	2022-2023
Emma Venard	Phoenix Med Student	2023
Mehrbod Vakhshoori	University of Arizona	2022-2023
Kyvan Irannejad	Jamaica Hospital MC, Queens, NY	2022-2023
Kennedy Sparling	University of Arizona, Phoenix	2024-2-25
Austin Mineer	University of Arizona, Phoenix	2024-2025
Meredith Marefat	University of Arizona, Tucson	2023-2025
Spencer Bradshaw	University of Arizona, Phoenix	2023-2025
Nishant Satapathy	University of Arizona, Phoenix	2023-2025

First- Forth Class Med student research mentor, University of Arizona, Phoenix School of Med.
2020-Present

Mentor to numerous Residents, Fellows and Med students at the Univ. of Cali. Irvine 2000-2005

Work In process:

Current research /manuscripts in progress:

1. Manuscripts in preparation and continue analyzing outcome data of in hospitalized patients of over 50 million admissions across the United States using national data bases regarding mortality of many cardiac diseases such as myocardial infarction, interventional procedures, arrhythmias, obesity, diabetes, etc
2. Manuscripts in preparation and continue analyzing outcome data of readmission data base from hospitalized patients of over 50 million admissions across the United States using national data bases in regard to mortality of many cardiac diseases such as myocardial infarction, interventional procedures, arrhythmias, obesity, diabetes, etc.
3. Manuscripts in preparation and continue analyzing outcome data of over 24,000 echocardiographic databases regarding mortality and progression of echocardiographic abnormalities based on baseline characteristics.
4. Manuscripts in preparation and continue analyzing outcome data of over 3,000 angiographic data bases in regard to mortality over a period of over 10 years.

5. Manuscripts in preparation and continue analyzing outcome data of large number of patients with renal failure and elevated uric acid level regarding mortality and progression of atherosclerosis
6. Manuscripts in preparation and continue analyzing two large athletic databases of over 4,000 young athletes regarding cardiac abnormalities based on athletic activities and clinical parameters.
7. Animal study evaluating specific bifurcation interventional technique in swine model using simple stents
8. Designing animal models to evaluate the cause of gasping during cardiac arrest
9. Basic science project in collaboration with Dr. Hashemzadeh in regard to design of novel anti thrombotic agents for site specific activation.
10. Basic science project evaluation of any association between Chlamydia pneumonia and Galectin -3 in atherosclerotic lesions
11. Manuscripts in preparation and continue analyzing data from patients waiting for cardiac transplantation regarding pulmonary arterial pressure measured based on echocardiography in comparison to right heart catheterization data.
12. Evaluation of the beneficial effect of performing annual intravascular ultrasound in post-transplant patients.
13. Working on designing and testing a simple cardiac defibrillator for public use
14. In the process to complete pilot study evaluating the effect of contrast removal from coronary sinus for prevention of contrast induced nephropathy
15. Performing ongoing Meta-analysis of important clinical trials in cardiology
16. Using Readmission database for evaluating readmission statistics for various cardiovascular disease and procedures.

Media Presentation

Movahed MR Radio Talk Show: Risk Factors and Heart Disease in African American, Radio Station WOIC, Columbia, South Carolina, February 1998.

Movahed MR Radio Talk Show: Estrogen Replacement Therapy and Prevention of Heart Disease Irvine, Public Radio FM 88.9, Irvine, California, September 2000.

Movahed MR Television Talk Show: Pars TV, Monthly Presentation, Cardiovascular Disease, California, January 2002-Present.

Movahed MR Educational presentation about cardiovascular disease and cardiac catheterization, Cox Cable TV Channel 96, California, February 2003.

Movahed MR et al. Educational presentation about obesity and its association with left ventricular function, TV Channel 9, Tucson, AZ, 6/20/2007

Movahed MR et al. Radio interview aired at KAUZ 89.1 Tucson, Arizona (NPR): Significant decline in the rate of coronary bypass surgery in the United State, 6/26. 2009

Movahed MR et al. Radio interview aired at KAUZ 89.1 Tucson, Arizona (NPR): UA Stem-cell use for cardiac recovery after myocardial infarction. 6/4/2010 and 6/7/2010

Movahed MR et al. *Educational presentation and news about the use of Adult Stem cell in patients with myocardial infarction, TV Channel 9, Tucson, AZ, 6/12/2010*

Movahed MR. *TUCSON (KGUN9-TV and channel 8, 6/14/2010- Researchers at the University of Arizona Sarver Heart Center are part of a nationwide clinical trial to find out if stem cells can help heal a damaged heart.*

Movahed MR. *TUCSON (KVOA channel 4-TV) New stem cell research to help heal the heart? Dr. Reza Movahed, MD, PhD is the investigator on this trial. He says the healing could start right away, 6/24/2010*

Movahed MR. *Video interview with Dr Shaw, Editor of Chief, Journal of Invasive Cardiology, during the ACC meeting about Low Dose Unfractionated Heparin Administration During Intravascular Ultrasound Studies is Safe Even Shortly After Endomyocardial Biopsy in Cardiac Transplant Patients, Chicago, Il, 2012, March 26, 2012*

Movahed MR, Television and press conferences December 2016. And January 2017 Tucson Roadrunners Hockey Player Who Survived Sudden Cardiac
deptmedicine.arizona.edu/.../tucson-roadrunners-hockey-player-who-survived-sudde..Dec 22, 2016 - Craig Cunningham calms his mother (left) as Dr. Zain Khalpey (right), with Dr. Reza Movahed, discusses his care after sudden cardiac arrest.

Movahed, MR, Online Video interview, November 1, 2012, International Academy of Cardiology, You Tube, Review of Movahed's Sign (D-shaped left ventricle seen on gated SPECT Suggestive of RV overload.

Movahed, MR, Online Video interview, October 21, 2014, International Academy of Cardiology, You Tube, Meta-analysis of trials involving chronic total occlusions

Movahed, MR, Online Video interview, October 23, 2014, International Academy of Cardiology, You Tube Higher heart rates independently associated with obesity.

Movahed, MR, Online Video interview, November 1, 2014, International Academy of Cardiology, You Tube Updates on coronary bifurcation classifications and technique.

Movahed, MR, Online Video interview, July 2015, International Academy of Cardiology, You Tube Respiratory maneuvers that can be useful during cardiac cauterization or coronary interventions

Movahed, MR, Online Video interview, July 2015, International Academy of Cardiology, You Tube Presence of Diabetes Is Associated with Aortic Valve Disorder

Movahed MR, Jame Jam and Channel 3, Cardiovascular Update discussion, Kowsar Hospital Conference, Iran, Tehran 2016

Movahed, MR, Online Video interview, April 11, 2016, International Academy of Cardiology, You Tube Update on new bifurcation classification and technique

Movahed MR, Jame Jam and Channel 3, Cardiovascular Update discussion, Milad Tower, Iran, Teheran, September 2016

Movahed, MR, Online Video interview, July 2016, International Academy of Cardiology, You Tube STABILIZED RATE OF AORTIC VALVE SURGERY PERFORMED IN THE UNITED STATES IN RECENT YEARS WITH MARKEDLY LOWER RATE PERFORMED IN WOMEN

Movahed, MR, Online Video interview, July 2017, International Academy of Cardiology, You Tube Updates on Chest compression Only CPR

Movahed, MR, Online Video interview, July 2017, International Academy of Cardiology, You Tube STABILIZED RATE OF AORTIC VALVE SURGERY PERFORMED IN THE UNITED STATES IN RECENT YEARS WITH MARKEDLY LOWER RATE PERFORMED IN WOMEN

Movahed MR, Jame Jam and Channel 3 Cardiovascular Update discussion, Kowsar Hospital Conference, Iran, Tehran 2018

Movahed, MR, Online Video interview, July 2018, International Academy of Cardiology, You Tube Updates Update on preop Evaluation of patients undergoing non-cardiac surgery. Session: Cardiovascular disease

Movahed, MR, Online Video interview, July 2018, International Academy of

Cardiology, You Tube RIGHT VENTRICULAR DYSFUNCTION DIFFERS IN PATIENTS WITH IDIOPATHIC PULMONARY HYPERTENSION VS SECONDARY PULMONARY HYPERTENSION

Movahed MR, Jame Jam and Channel 3, Cardiovascular Update discussion, Milad Tower, Iran, Teheran, September 2018

Movahed MR, KOLV TV Interview about Cardiovascular Disease, February 2018 Tucson, AZ

Movahed MR Telemendo TV, Maria Powel Show, Go Red for women. September 2018 Tucson, AZ

Movahed MR, KOLV TV Channel. Discussed Chest compression CPR, October 2018

Movahed, MR Many TV and radio presentation for CareMore and American Heart association Heart Ball Fundraising events, 2018-2020

Movahed MR, *Laredo Cardiology Educational TV presentation, October 2022*

Movahed MR, AZ Cardiologist Dr. Reza Movahed Weighs In on Health Disparities Among Minorities, March 6, 2023, Daily News cast.
<https://www.publicnewsservice.org/2023-03-06/health/az-cardiologist-weighs-in-on-health-disparities-among-minorities/a83219-1>

Movahed, MR., Local KVO, News, Chairs named for 2024 Southern Arizona American Heart Ball, April 20, 2023

Movahed MR. Local KVOA TV Tucson, Stroke Month, May 18, 2023, Tucson, AZ. Discussion Important points in Stroke presentation

Movahed, MR. Couple to lead local effort driving equitable health. American Heart Association. <https://newsroom.heart.org/local-news/couple-to-le...>
Apr 20, 2023, Dr. Reza Movahed and Dr. Nooshin Hashemzadeh

Movahed MR. by VuMedi. AHA 2023 Insights: Impella Use in Patients with Cardiogenic Shock Is Associated With the Highest Inpatient Mortality in Comparison to Lowest Mortality Seen With IABP Using Large Nationwide Inpatient Sample Database By AHA 2023 INSIGHTS FEATURING MOHAMMAD MOVAHED **November 21, 2023**

Movahed MR. Cardiovascular Learning Network: Various Techniques for Transcatheter Retrieval of Atrial Septal Defect or Patent Foramen Ovale Closure Devices: A Systematic Review: An Interview with Mohammad Reza Movahed, MD, 4-4-2024

Movahed MR. American Heart association Interview in Washington, DC May 28, 2024, for Meeting Congress to advocate passing bill to make mandatory to have AICD available in schools. <https://www.facebook.com/AHAArizona/videos/dr-reza-movahed-joins-heartsonthehill-in-dc/3668381373426739/>

Movahed MR. Video Interviewed by VuMedi. TCT 2024 Insights: Overweight Followed by Obesity and Morbid Obesity Have the Lowest Mortality, Whereas Cachexia Has the Highest Mortality Compared to Normal Weight Category in Patients Undergoing Percutaneous Coronary Intervention, November 26, 2024

News in magazines and websites:

Movahed MR. Images of Orange County Magazine, V.I.P.'s of Orange County, Mentioned as Cardiologist Extraordinaire, February 2004.

Kassab G, **Movahed MR.** A Novel Device for Immediate Measurement of Arterial Lumen Cross-Sectional Area during Percutaneous Coronary or Peripheral Intervention Using Impedance Electrodes: The LumenRECON. *Cath Lab. Digest.* March 2005, pp: 6-12.

Movahed MR et al. Report Reversible Severe Ischemic Mitral Regurgitation and Cardiogenic Shock as a Complication of Percutaneous Coronary Intervention: The First Case Report and Review of Literature. - Volume 13, June 2005 - Issue 6 – page 35-40

Movahed MR et al. "The Prevalence of Pulmonary Embolism and Pulmonary Hypertension in Patients With Type II Diabetes Mellitus" on line, 2005;9(2) ©2005 Medscape

Movahed MR et al. "Third-degree atrioventricular block is more prevalent in diabetes mellitus patients "Friday, December 16, 2005, UCI in the News, Biotech Week, Dec. 14, 2005, Life Science Weekly, Dec. 13, 2005, Science Letter, Dec. 13, 2005, Health & Medicine Week, Dec. 12, 2005, Obesity, Fitness & Wellness Week, Dec. 17, 2005, Health Insurance Law Weekly, May 14, 2006, Medicine & Law Weekly, May 12, 2006, Science Letter, May 12, 2006, Pharma Law Weekly, May 9, 2006, Obesity, Fitness & Wellness Week, May 9, 2006

Movahed MR et al. Diabetes mellitus is a strong, independent risk for cardiovascular disease M.R. Movahed and colleagues at the University of California, Irvine proposed, *Women's Health Law Weekly*, Jan. 22, 2006, Diabetes Week via NewsRx.com. 2006 JAN 16

Movahed MR et al. Moderate to severe pericardial effusion cannot be explained by a decrease in lv systolic function A retrospective analysis of 24,265 echocardiograms performed at our institution from 1984 to 1998 was undertaken," wrote M.R. Movahed

and colleagues *Obesity, Fitness & Wellness Week, May 16, 2006, Cardiovascular Business Week, May 15, 2006*

Movahed MR et al. A new proposed simplifies classification of bifurcation lesion and bifurcation interventional technique. *Cath Lab. Digest.* August 2006 front page

Movahed MR et al. Diabetes mellitus is a strong risk factor for atrial fibrillation and flutter *Health & Medicine Week, Oct. 23, 2006*

Movahed MR et al. Women have an increased incidence of mitral stenosis reported in *Drug Week, Nov. 10, 2006, World Disease Weekly, Nov. 7, 2006 Obesity, Fitness & Wellness Week, Oct. 28, 2006, Physician Law Weekly, Nov. 8, 2006, Medicine & Law Weekly, Nov. 10, 2006*

Movahed MR et al. Smoking / Quit Smoking News: Chronic Cough and Sputum Linked To Secondhand Smoke. Main Category: Article Date: 30 Oct 2006 - 12:00 PDT

Movahed MR, et al. Diabetes linked to asthma, sleep apnea. *AZ-Air news:* Nov 10, 2006 - Diabetes patients are more likely than other people to have asthma or suffer from obstructive sleep apnea syndrome (OSAS), research presented at the Chest 2006 meeting held in Salt Lake City

Movahed MR, et al. medical news today. January 17, 2007 and Action on smoking health and addictive foundation “*Chronic Cough and Sputum Linked to Secondhand Smoke*”

Movahed MR, Obesity and left ventricular hypertrophy. *Heartzine.com – June 24, 2007, Medical News Today – June 22, 2007, EarthTimes.org – June 21, 2007, News-Medical.net – June 20, 2007, DentalPlans.com – June 20, 2007, HealthNewsDigest.com – June 20, 2007, InnovationsReport.com – June 20, 2007, NewKerala.com – June 20, 2007, DailyIndia.com – June 20, 2007, South Asian Women’s Forum – June 20, 2007, MedicExchange.com – June 20, 2007, MedIndia.com – June 20, 2007, SeniorJournal.com – June 19, 2007, Huliq.com – June 19, 2007, DentalPlans.com – June 19, 2007, PhysOrg.com – June 19, 2007, Fox11-TV – June 18, 2007*

Movahed MR, *Nationwide trends in the incidence of non -ST elevation myocardial infarction (NSTEMI) in the United States, American Heart Association website, May 2008*

Movahed MR, *Significant decline in the age adjusted mortality rate from acute ST elevation myocardial infarction (STEMI) in the United States, American Heart Association website, May 2008*

Movahed MR, *Gender And Race Specific Nationwide Trends In The Utilization Of Coronary Bypass Surgery (CABG) In The United State, News release from SCAI meeting,*

“Fewer heart surgeries needed as technology improves” KPVI news 6, KAIT-TV Region 8 News, USA, News may 10th, etc.

Movahed MR, *Obesity & Diabetes week, NewsRx Research on obesity described by M.R. Movahed and colleagues*

Movahed MR, *Reuter Health: One type of heart attack seen on decline in U.S. July 24, 2009*

Movahed MR, *Cardiovascular Business: In-hospital death rates decline for PCI, CABG, the age adjusted in-hospital mortality from CABG has been declining steadily to the lowest level in 2004, which the authors said “most likely reflects advancements in surgical technique and post-surgical care, March 2010*

Movahed MR *Arizona Daily Star News Tucson, Arizona (NPR): Adult Stem-cell use for cardiac recovery after myocardial infarction. 6/3/2010*

Movahed MR, *interview about the role of L Carnitine in diastolic Heart Failure, New Staying Healthy, October 2010*

Movahed MR, *STEMI-Related Cardiogenic Shock Has Declined in the United States ... www.tctmd.com/news/stemi-related-cardiogenic-shock-has-declined-united-states1. Nov 8, 2011 - Mohammad Reza Movahed, MD, PhD, of the University of Arizona ...*

Movahed MR. *CATH Lab Digest: Low-Dose Unfractionated Heparin Administration During Intravascular Ultrasound Studies is Safe Even Shortly After Endomyocardial Biopsy in Cardiac Transplant Patients” May 2012*

Movahed MR, *How Craig Cunningham Cheated Death, Tucson’s News Papers and daily star. 2017*

Movahed MR, *The Life-giving gift of statins, CareMore Chronicles, February 2019*

Movahed MR, *Greater Impact in Arizona, Tucson Daily Style, May 2020*

Movahed MR, *Greater Impact in Arizona, Tucson Daily Style, June 2022*

Movahed MR, *Lifestyle Magazine, 2023, Tucson, Arizona, Impact of Arizona*

Movahed MR, *American Heart association News: Couple to lead local effort driving equitable health, Dr. Reza Movahed and Dr. Nooshin Hashemzadeh named chairs of 2024 Southern Arizona American Heart Association Heart Ball*

INVITED SCHOLARLY PRESENTATION:

INVITED CONGRESS / SYMPOSIA, COLLOQUIA

International:

1. Invited Speaker at Satellite Symposium, at the 9th Joint Cardiovascular Congress, April 25, 2024, Tehran Iran, Topic: Update on hypertension treatment with focus on guidelines
2. Invited Speaker at 23th International Congress on Cardiovascular Updates September 21, 2023 “Update on CPR”, Olympic Hotel, Iran, Tehran September 2023
3. Invited Speaker at Persian Cultural Center October 22, 2021: Treatment and prevention of Myocardial infarction / Coronary artery disease, Atlanta, GA Zoom Lecture
4. Invited Speaker 8th Annual Tehran Heart Center Congress, February 2021, Virtual. Critical Cardiovascular Care, Tehran Heart Center, Tehran University of Medical Sciences, Tehran, Iran, on 25-26 February, 04-05 March, Title: Management of Stent thrombosis, Feb 25, 2021
5. Invited Speaker Perioperative Cardiac Evaluation and Anticoagulation Management of Patients Undergoing Non-Cardiac Surgery at 2020 Winter Medical Conference. Tucson Hospitals Medical Education Program 42nd Annual meeting, February 20-22, 2020, Telluride, Colorado
6. Invited Speaker Lecture on “ New Guidelines in Transcatheter Aortic Valve Implantation” at 21 th International Congress on Cardiovascular update at Milad Tower International Hall, Tehran, Iran, August 21, 2019
7. Invited Speaker Lecture on “ New Guidelines in Mitral Valve Clip” at 21th International Congress on Cardiovascular update at Milad Tower International Hall, Tehran, Iran, August 21, 2019
8. Invited Speaker Lecture on “ New Horizon in Left Main Angioplasty” at 21th International Congress on Cardiovascular update at Milad Tower International Hall, Tehran, Iran, August 21, 2019
9. Speaker “Diagnosis and Management of Chronic Systolic CHF” at Third Scientific CareMore Cardiovascular Symposium 2019: Delivering Evidence Based Care in Real World Practice, April 6-7, 2019, Tucson, Arizona
10. Speaker “Case Presentation Example of Chronic Systolic Heart Failure” at Third Scientific CareMore Cardiovascular Symposium 2019: Delivering Evidence Based Care in Real World Practice, April 6-7, 2019, Tucson, Arizona

11. Speaker “Case Presentation Example Coronary Artery Disease” at Third Scientific CareMore Cardiovascular Symposium 2019: Delivering Evidence Based Care in Real World Practice, April 6-7, 2019, Tucson, Arizona
12. Speaker “Acute Coronary Syndrome” at Third Scientific CareMore Cardiovascular Symposium 2019: Delivering Evidence Based Care in Real World Practice, April 6-7, 2019, Tucson, Arizona
13. Speaker “Stable Coronary Artery Disease” at Third Scientific CareMore Cardiovascular Symposium 2019: Delivering Evidence Based Care in Real World Practice, April 6-7, 2019, 2018, Tucson, Arizona
14. Speaker “Update on Non-Invasive Imaging” at Third Scientific CareMore Cardiovascular Symposium 2019: Delivering Evidence Based Care in Real World Practice, April 6-7, 2019, Tucson, Arizona
15. Speaker “Pre-Op Evaluation for Non-Cardiac Surgery” at Third Scientific CareMore Cardiovascular Symposium 2019: Delivering Evidence Based Care in Real World Practice, April 6-7, 2019, Tucson, Arizona
16. Speaker “Broken Heart Syndrome” at Third Scientific CareMore Cardiovascular Symposium 2019: Delivering Evidence Based Care in Real World Practice, April 6-7, 2019, Tucson, Arizona
17. Invited Speaker Lecture on “Controversy in CTO PCI why we should not do it ” at 20th International Congress on Cardiovascular update at Milad Tower International Hall, Tehran, Iran, September 12, 2018
18. Invited Guest speaker, New advances in interventional cardiology section lecture “Coronary Bifurcation lesions” at 8th Symposium at International Kowsar Hospital Congress, Team “A decade updates in Cardiovascular Disease”, Shiraz, Iran, April, 26, 2018
19. Invited Guest speaker, State of the Art lecture “Complex coronary PCI and CTO controversies” at 8th Symposium at International Kowsar Hospital Congress, Team “A decade updates in Cardiovascular Disease”, Shiraz, Iran, April, 25, 2018
20. Invited Guest speaker, Key lecture “Chest Compression only CPR update in 2018” at 8th Symposium at International Kowsar Hospital Congress, Team “A decade updates in Cardiovascular Disease”, Shiraz, Iran, April, 24, 2018
21. Reviewer for this popular set of American College of Cardiology ACC.2018 FIT sessions for the national FIT Jeopardy trophy

22. Invited Speaker at International Academy of Cardiology 23d World Congress on Heart Disease Annual Scientific Sessions Update on preop Evaluation of patients undergoing non-cardiac surgery. Session: Cardiovascular disease: Different Strategies for Primary and Secondary Intervention. (Invited Lecture) presented at the plenary scientific session, Boston, MA, USA, July, 2018
23. Speaker “Acute Coronary Syndrome” at Second Scientific CareMore Cardiovascular Symposium 2018: Delivering Evidence Based Care in Real World Practice, March 21st 2018, Tucson, Arizona
24. Speaker “Stable Coronary Artery Disease” at Second Scientific CareMore Cardiovascular Symposium 2018: Delivering Evidence Based Care in Real World Practice, March 21th 2018, Tucson, Arizona
25. Speaker “Update on Non-Invasive Imaging” at Second Scientific CareMore Cardiovascular Symposium 2018: Delivering Evidence Based Care in Real World Practice, March 21th 2018, Tucson, Arizona
26. Speaker “Pre-Op Evaluation for Non-Cardiac Surgery” at Second Scientific CareMore Cardiovascular Symposium 2018: Delivering Evidence Based Care in Real World Practice, March 21th 2018, Tucson, Arizona
27. Invited Speaker at International Academy of Cardiology 22nd World Congress on Heart Disease Annual Scientific Sessions Up. Cardiac Arrhythmias and sudden Death, on Chest Compression Only CPR. (Invited Lecture), July 14, 2017 presented at the plenary Scientific session Vancouver, Canada, July, 2017
28. Speaker. Innovation: “Removal of Iodine Contrast from Coronary Sinus for Prevention of Contrast Induced Nephropathy” Innovation section presentation at Cardiovascular Revascularization Therapy Congress, Washington, DC, Tuesday, February 21, 2017
29. Online Case presentation, Reverse Maximal expiration during tortoise Vein graft intervention (Reverse Movahed Maneuver), Cardiovascular Revascularization Therapy Congress, Washington, DC, March 1, 2017
30. Speaker: Successful Retrieval of Embolized Atrial Septal Defect And Patent Foramen Ovale Closure Device Using Novel Coronary Wire Trap (cwt) Technique. At Cardiovascular Revascularization Therapy Congress, Sunday, February 19, 2017, Washington, DC
31. Speaker “stable coronary disease” at First Scientific CareMore Cardiovascular Symposium 2017: Delivering Evidence Based Care in Real World Practice, February 4th, 2017, Cerritos, California.

32. Speaker “Update on non-invasive Imaging” at First Scientific CareMore Cardiovascular Symposium 2017: Delivering Evidence Based Care in Real World Practice, February 4th, 2017, Cerritos, California
33. Speaker “Preop evaluation for Noncardiac Surgery” at First Scientific CareMore Cardiovascular Symposium 2017: Delivering Evidence Based Care in Real World Practice, February 4th, 2017, Cerritos, California
34. Invited Guest speaker at 7th Symposium at Cardiovascular Update, Shiraz, Iran, April, 30, 2016 “ How to triage ACS patients in Emergency Department: Update on Coronary CTA. April 27, 2016
35. Invited Speaker at International Academy of Cardiology 21th World Congress on Heart Disease Annual Scientific Sessions EVALUATION AND TREATMENT OF CHRONIC AND ACUTE CORONARY ARTERY DISEASE: UPDATE ON CONTRAST REMOVAL FROM CORONARY SINUS DURING CORONARY ANGIOGRAPHY OR INTERVENTION FOR PREVENTION OF CONTRAST INDUCED NEPHROPATHY (Invited Lecture) presented in the plenary scientific session Boston, MA, August, 1, 2016
36. Invited Speaker “Respiratory maneuvers that can be useful during cardiac cauterization or coronary interventions” at 18th International Congress on Cardiovascular update at Milad Tower International Hall, Tehran, Iran, September 15, 2016
37. Invited Speaker “Update on contrast removal from coronary sinus for prevention of induced nephropathy” at 18th International Congress on Cardiovascular update at Milad Tower International Hall, Tehran, Iran, September 15, 2016
38. Invited Speaker at International Academy of Cardiology 20th World Congress on Heart Disease Annual Scientific Sessions, CURRENT CONCEPTS AND FUTURE DIRECTIONS IN ISCHEMIC HEART DISEASE AND ACUTE CORONARY SYNDROMES “Respiratory maneuvers that can be useful during cardiac cauterization or coronary interventions “presented in the plenary scientific session Vancouver, BC, Canada, July 27, 2015
39. Invited Speaker at International Academy of Cardiology 19th World Congress on Heart Disease Annual Scientific Sessions, “Update on Coronary Bifurcation Classification and Intervention presented in the plenary scientific session Boston, MA, 2014.
40. Invited Speaker at International Academy of Cardiology 18th World Congress on Heart Disease Annual Scientific Sessions, “Update on the Use of Impella Assist Device for High Risk Patients" has been presented in the plenary scientific session ADVANCES IN CARDIOVASCULAR SURGERY / CAROTID AND CORONARY REVASCULARIZATION / HEART TRANSPLANTATION on Saturday, 7/27/2013 at at The Hyatt Regency Hotel, Vancouver, BC, Canada.

41. Invited Speaker “Update on Coronary Bifurcation Classification and Interventional Technique” at 23rd Great wall International Cardiology Congress of Cardiology Asian Pacific Heart Federation Scientific Congress October 2012, Beijing, China
42. Invited Speaker at Khorshid Hospital, Isfahan University Medical Center,” Update in Antiplatelet Therapy”, Isfahan, Iran, October 2, 2012
43. Invited speaker at Khorshid Hospital, Isfahan University Medical Center” Update in Coronary Bifurcation Classifications and Interventional Technique”, Isfahan, Iran, October 2 2012
44. Invited speaker at Modares Hospital Shahid Beheshti University, “CareMore System”, Teheran, Iran, September 24 , 2012
45. Invited speaker at Tehran University Hospital” Update in Coronary Bifurcation classification and Intervention”, Teheran, Iran, September 27 2012
46. Invited speaker at the 14th National Congress on Cardiovascular Update, “Review of recent coronary bifurcation trials”, Persian Gulf Conference Hall, Teheran, Iran, September 21 , 2012
47. Invited speaker at the 14th National Congress on Cardiovascular Update, “Impella assist device, Our Center Experience”, Persian Gulf Conference Hall, Teheran, Iran, September 21 , 2012
48. Invited speaker at the 14th National Congress on Cardiovascular Update in Nursing, “Update in Cardio Cerebral resuscitation” Persian Gulf Conference Hall, Teheran, Iran, September 20 , 2012
49. Invited speaker at the 14th National Congress on Cardiovascular Update in Nursing , “Introducing CareMore System and Model” Persian Gulf Conference Hall, Teheran, Iran, September 20 , 2012
50. Invited Speaker at International Academy of Cardiology 17th World Congress on Heart Disease Annual Scientific Sessions, “Review of Movahed's Sign (D shaped left ventricle seen on gated SPECT) suggestive of right ventricular overload” Toronto, ON, Canada, JULY 27-30, 2012
51. Invited Guest Speaker title: “Obesity is strongly and independently associated with pulmonary embolism” at TM’s 2nd World Cardiovascular, Diabetes, and Obesity Online Conference, on September 14, 2012. Session 14: Obesity – III (10:00AM – 10:30 am Arizona Time, September 14, 2012

52. Invited Guest speaker at the 3rd International Congress of Cardiology ‘Update on Coronary Bifurcation Classification and Intervention’ December. 2011, Beijing, China
53. Invited Guest speaker at the 16th World Congress on Heart Disease, Vancouver, Canada, “Contrast removal for prevention of contrast induced nephropathy, a review “July 2011
54. Invited Guest speaker at 3rd Heart and New Technology Meeting, In Chalus, Iran, November 2010” Contrast removal Device from coronary sinus in details for prevention of Contrast Induced Nephropathy
55. Invited Guest speaker at 3rd Heart and New Technology Meeting, In Chalus, Iran, November 2010” Update in the uses of IVUS”
56. Invited Guest speaker at the 15th World Congress on Heart Disease, Vancouver, Canada “Cardio-Cerebral Resuscitation, July 2010
57. Invited Guest speaker at 4th Symposium at Cardiovascular Update, Shiraz, Iran, April, 30, 2010 “ Update on cardio-cerebral resuscitation in witnessed cardiac arrest victims”
58. Invited Guest speaker at 4th Symposium at Cardiovascular Update, Shiraz, Iran, April, 28, 2010 “ Pre-operative clopidogrel therapy in patients undergoing cardiac surgery”
59. Invited Guest speaker at 4th Symposium at Cardiovascular Update, Shiraz, Iran, April, 28, 2010 “ Calcium scoring in CT angiography”
60. Invited Guest speaker at 4th Symposium at Cardiovascular Update, Shiraz, Iran, April, 28, 2010 “ Diabetes mellitus and coronary artery disease”
61. Invited Guest speaker at 4th Symposium at Cardiovascular Update, Shiraz, Iran, April, 27, 2010 “ CT angiography”
62. Invited Guest speaker at the World the 14th World Congress on Heart Disease about: “Update on Coronary Bifurcation Lesion Classifications and Interventional Technique” Toronto, Canada, July, 28, 2008
63. Invited guest Speaker, world congress of Cardiology “ Is Respiration necessary for cardio pulmonary resuscitation?” Aires, Argentine, May, 2008
64. Invited guest Speaker, world congress of Cardiology “ Review Cardiocerebral resuscitation research, Buenos Aires, Argentine, May, 2008
65. Invited Guest speaker at the World the 14th World Congress on Heart Disease about: “Update on Coronary Bifurcation Lesion Classifications and Interventional Technique” Toronto, Canada, July, 28, 2008

66. Invited guest Speaker, world congress of Cardiology “Is Respiration necessary for cardio pulmonary resuscitation?” Buenos Aires, Argentine, May, 2008
67. Invited guest Speaker, world congress of Cardiology “ Review Cardiocerebral resuscitation research, Buenos Aires, Argentine, May, 2008
68. Invited speaker at the European Society of Cardiology Congress, “Does Echocardiography Have a Role in the Diagnosis of Acute Rheumatic Fever in Developing Countries?” Munich, Germany, August 2004.
69. Oral Presentation case: Despite beta blocker therapy, recurrent Takotsubo (stress induced) cardiomyopathy occurred four years later at the same location presented May 12, 2024, Clinical Case Corner, ESC Heart failure Congress, Lisbon, Portugal, 2024

National

70. Moderator and Discussants: Transcatheter Cardiovascular Therapeutic (TCT) convention: Preventing Contrast Induced Nephropathy: Concepts, New Therapies, October 27 , 2006, Washington, DC
71. Invited Speaker: Transcatheter Cardiovascular Therapeutic (TCT) convention : Can Removal of Iodinated Contrast from the Coronary Sinus Prevent Contrast Induced Nephropathy?, October 27, TCT Meeting 2006, Washington Convention Center, DC
72. Invited Expert Panel at American College of Cardiology Meeting: Meet the expert: “Myocardial Ischemia Secondary to Acute Mental Stress (Takotsubo): is it Real and What Do We Do About It?”, American College of Cardiology Meeting, 3/7/2007, New Orleans
73. Invited Speaker: Transcatheter Cardiovascular Therapeutic (TCT) convention: Innovative Devices and Futuristic Concepts II: Non Stent-Based-Technologies, Novel Intravascular Imaging and Diagnostic Modalities, An IVUS Surrogate: The Lumenrecon Catheter to Measure Lumen Cross-Sectional Area and Diameter Using Impedance Techniques, October 21, TCT Meeting 2007, Washington Convention Center.
74. Moderator at Transcatheter Cardiovascular Therapeutic (TCT) convention: Innovative Devices and Futuristic Concepts II: Non -Stent-Based-Technologies, Novel Intravascular Imaging and Diagnostic Modalities. October 21, TCT Meeting 2007, Washington Convention Center.
75. Roundtable Discussion at Transcatheter Cardiovascular Therapeutic (TCT) convention Guidelines and Evidence-Based Medicine Review II: Percutaneous Coronary Intervention and Drug-Eluting Stents. Session I: Revascularization in Patients with Stable Coronary Artery Disease. October 23, TCT Meeting 2007, Washington Convention Center.

76. Discussant at Transcatheter Cardiovascular Therapeutic (TCT) “Challenging cases in Acute MI and Bifurcation Intervention”. October 16, TCT Meeting 2008, Washington Convention Center.
77. Invited Speaker: Transcatheter Cardiovascular Therapeutic (TC) convention: “My worse complications I” October 15, TCT Meeting 2008, Washington Convention Center
78. Panelist at Cardiovascular Revascularization Therapy. “Complex Coronary Interventions II Live Case”, February 23-2010, Washington, DC
79. Educational sessions the American College of Cardiology 59th Annual Scientific Session and Innovation in Intervention: i2 Summit 2010, Atlanta Georgia. i2. Meet the Expert: Acute MI/Shock Case Reviews Challenging Cases: “Unexplained Cardiogenic Shock Occurring During PCI” March 14, 2010
80. Invited Guest Speaker at CRT 2011: “Contrast Removal Device from Coronary Sinus for prevention of contrast induced nephropathy” Cardiac innovation on Tuesday, March 1, 2011.
81. Educational sessions the American College of Cardiology 60th Annual Scientific Session and Innovation in Intervention: i2 Summit 2010, New Orleans, LA i2. Acute Coronary Syndrome: “Rapidly Progressive Catastrophic Cardiac Allograft Vasculopathy”. April 4 , 2011
82. Invited Guest Speaker at first summit “Thought Leaders In Coronary Bifurcation,” Laguna Beach, CA June 2011
83. Invited guest Speaker, Iran task force for CPR colloquia, “ Craniocerebral resuscitation, Review and suggested recommendation for CCR in Iran”, 2011
84. Invited guest Speaker, “Thought Leaders on Bifurcation and left Main Coronary Intervention “, Laguna Beach, CA, June 29, 2011
85. Invited Guest Speaker for the American College of Cardiology 61th Annual Scientific Session and Innovation in Intervention: i2 Summit 2012, Meet the Expert: Coil Embolization of perforated bleeding pericardiophrenic artery occurring during trans radial cardiac catheterization, March, 2012, Chicago, IL
86. Challenging Case Presenter “PDA Closure in a young symptomatic patient with severe pulmonary hypertension” at the Transcatheter Cardiovascular Therapeutics (TCT) Congress at section CHALLENGING CASE PRESENTATIONS IN INTERVENTIONAL CARDIOLOGY October 25, 2012, Miami Beach Convention Center, Miami

87. Invited Speaker. The Interesting Case presentation “Successful Removal of Entrapped and Kinked Catheter during Right Transradial Cardiac Catheterization by Snaring and Unwinding the Catheter via Femoral Access” has been presented orally at CRT 2014. February 24, 2014. Washington, DC, 2014

88. Speaker at International Academy of Cardiology, 19th World Congress on Heart Disease Annual Scientific Sessions 2014 Invited lecture entitled: “UPDATE ON CORONARY BIFURCATION CLASSIFICATION AND TECHNIQUES” in the plenary scientific session ADVANCES IN CARDIOVASCULAR SURGERY / CAROTID AND CORONARY REVASCULARIZATION / HEART TRANSPLANTATION on July 27, 2014 at The Hyatt Regency Hotel, Boston, MA, USA.

89. Invited speaker at the Transcatheter Cardiovascular Therapeutics (TCT) Congress at Washington Convention Center at section Croatia presenting to Iran: “How would I treat this patient with Aortic Dissection occurring during percutaneous coronary intervention” September 14, 2014, Washington, DC

90. Invited speaker at the Transcatheter Cardiovascular Therapeutics (TCT) Congress at Washington Convention Center at section Iran presenting to Croatia: “Consensus and Take-home Messages for the case with retroperitoneal hematoma occurring during percutaneous coronary intervention” September 14, 2014 Washington, DC

91. Challenging Case Presenter: Transcatheter Cardiovascular Therapeutic (TCT) 30th convention “Chronic stable class II angina after persistent perforation of LAD into the Left ventricular wall via sinusoidal connection with stable class II angina after persistent perforation of LAD into the Left ventricular wall via sinusoidal connections, 2018 on September 21/18 San Diego, CA

92. Top Case Presentation: Successful Distal Administration of High Adenosine or Nicardipine Doses Using Export Catheter for Treatment of Resistant No-reflow In A Vein Graft has been selected to be a Top Interesting Case for presentation at CRT 2022. Washington, DC. The Top Interesting Cases are presented orally

93. Distal Adenosine Administration of Very High Doses Using Export Catheter For The Treatment Of Resistant And Persistent No-reflow" has been selected to be present virtually during one of our CRT virtual Saturday meetings, which will take place post-CRT 2022. February 2022, Washington DC

94. Invited Guest Speaker, American Heart Association for an Evening of Heart, Topic: Cardio-Cerebral Resuscitation, March 9, 2023, Tucson, Arizona

95. Late -Breaking, Featured Clinical science session, Women With Breast Implants Have a Higher Adjusted Rate of Cardiac Catheterization but a Lower Rate of Percutaneous Coronary Intervention Consistent With Suspected Higher False Positive Rates of Cardiac

Stress Imaging Due to Breast Implant Interference as Oral presentation, Monday, March 11, 2024 Movahed MR. Simultaneous Retrieval of Two Dislodged and Entangled Intracoronary Stents by Distal Balloon Inflation, presented at CRT 2024 meeting, Washington, DC, Saturday, March 9, 2024, Best interesting case

96. Coronary Artery Perforation Can Successfully be Sealed Using Absorbable Gelatin Sponge Embolization, presented at CRT 2024 meeting, Washington, DC Saturday, March 9, 2024 , Best interesting case

97. No Reduction in In-hospital Mortality Using Intravascular Ultrasound During Percutaneous Coronary Intervention with Double the Cost and Higher Utilization in Privately Insured Patients, presented at CRT meeting March 2024, Washington, DC as Oral presentation, Monday, March 11, 2024, Late -Breaking, Featured Clinical science session

98. Removal Device for Iodine Contrast Removal from Coronary Sinus for Prevention of Contrast Induced Nephropathy, presented at CRT meeting March 2024, Washington, DC as Oral presentation Monday, March 11, 2024, Innovation HUB

99. An interesting case presentation Mini-Wellen EKG (minimal Terminal T Wave Inversion In V2-v3) Similar To Wellen syndrome Or Synonym Called Inverted U Wave Is An Underrecognized EKG Highly Predictive Of High Grade Left Main Or Proximal Left Anterior Artery Disease is presented during our Abstract Café Reception on Saturday, March 9, 2024. at the CRT meeting, Washington, DC

100. Suspected Colchicine Induced Late Myocardial Rupture Occurring After Late Presentation Of Acute Inferior ST -elevation Myocardial Infarction is presented during our Abstract Café Luncheon on Saturday, March 9, 2024 at the CRT meeting, Washington, DC

101. A Word Of Caution By Not Rushing To The Cath Lab: Pseudo ST-elevation Myocardial Infarction (STEMI) Secondary To Severe Left Sided Diaphragmatic Herniation is presented during our Abstract Café Luncheon on Saturday, March 9, 2024. The Interesting Case Abstract Café presentation at the CRT meeting, Washington, DC

102. Despite Beta Blocker Therapy, Recurrent Takotsubo (stress Induced) Cardiomyopathy Occurred Four Years Later At The Same Location is presented during our Abstract Café Luncheon on Saturday, March 9, 2024. The Interesting Case Abstract Café presentation at the CRT meeting, Washington, DC

103. Very Effective Distal Adenosine Administration of Very High Doses using Export Catheter for the Treatment of Resistant and Persistent No-reflow in LAD Presenter. SCAI Science and Practice. Oral presentation. Session: STEMI Best Practices, Saturday, May 4, 2024: 2:24 PM - 2:30 PM, Long Beach Convention Center, 104A

104. Speaker and Presenter: Interesting Case Session | Coronary | Radial, CRT 2025, Session: (S284), March 8, 2025, Room: Abstract & Interesting Cases Theater #4. Titel:

“Saving Right Radial Cardiac Catheterization with Tortuous Subclavian Artery Using Head Left Turning Maneuver for Facilitating Wire Advancement into The Ascending Aorta, Washington, DC

105. Interesting Case presentation title: "Thrombi in Transition Into Pulmonary Arteries Detected In The Right Atrium And Ventricle During Echocardiographic Examination" during the CRT 2025 Abstract Cafe – Reception, on Saturday, March 8, 2025 in Washington, DC.

106. Interesting Case presentation: Titel: “Two New Cases Of Mini-wellen’S Ekg (minimal Terminal T Wave Inversion In V2-v3) Similar To Wellen’S Syndrome Or Synonym Called Inverted U Wave Is An Underrecognized Ekg Predictive Of Proximal Left Anterior Artery Disease" at CRT 2025 Abstract Cafe Luncheon, March 8, 2025. Washington, DC

107. Invited Speaker at Iranian American Medical Association, (IAMA) 29th annual meeting. 29th Annual Meeting of Yale Club, New York. CARDIOVASCULAR PANEL, Title: How to prevent intubation in patients with sympathetic crashing acute pulmonary edema (SCAPE) without cardiogenic shock on 5/31/2025, New York City, NY

INVITED SEMINARS

108. Invited guest speaker, American College of Cardiology California Chapter for the Prevention of Cardiovascular Disease and Stroke: Atherosclerosis and Chlamydia Pneumonia, Santa Monica, California, June 10, 2001.

INVITED SYMPOSIA

International:

109. Invited guest speaker, American College of Cardiology California Chapter, The Foundation for the Prevention of Cardiovascular Disease and Stroke, Role of Glycoprotein IIb/IIIa Inhibitors in the Prevention of In-Stent Restenosis in Diabetic Patients, Laguna Cliffs, California, September 28, 2002.

110. Invited Guest speaker at 4th Symposium at Cardiovascular Update, Shiraz, Iran, April, 30, 2010 “ Update on cardio-cerebral resuscitation in witnessed cardiac arrest victims”

111. Invited Guest speaker at 4th Symposium at Cardiovascular Update, Shiraz, Iran, April, 28, 2010 “ Pre-operative clopidogrel therapy in patients undergoing cardiac surgery”

112. Invited Guest Speaker Second International Symposium Kowsar Hospital, Shiraz
“Cardio Cerebral Resuscitation: On hand Demonstration and recommendations” April, 2008
113. Invited Guest Speaker Second International Symposium Kowsar Hospital, Shiraz
“Obesity and Heart Failure Paradox, April, 2008
114. Invited Guest Speaker Second International Symposium Kowsar Hospital, Shiraz
“Transplant Vasculopathy, April, 2008
115. Invited Guest Speaker Second International Symposium Kowsar Hospital, Shiraz
“Cardio Cerebral Resuscitation New Concept for Cardiac Arrest” April, 2008
116. Invited Speaker “Stress Cardiomyopathy” at the “Heart Failure Management; from Cell to Total Artificial Heart” conference. PRINCE SULTAN CARDIAC CENTER, November 15, 2007, Riyadh, Saudi Arabia
117. Invited Speaker “Prevalence of aortic valve disease in patients with diabetes mellitus” at the “Heart Failure Management; from Cell to Total Artificial Heart” conference. PRINCE SULTAN CARDIAC CENTER, November 14, 2007, Riyadh, Saudi Arabia
118. Invited Speaker “Transplant Vasculopathy” at the “Heart Failure Management; from Cell to Total Artificial Heart” Conference. PRINCE SULTAN CARDIAC CENTER, November 13, 2007, Riyadh, Saudi Arabia
119. Invited Speaker “Obesity and heart failure”. Why there is a reverse epidemiology” at the “Heart Failure Management Conference: from Cell to Total Artificial Heart” meeting. PRINCE SULTAN CARDIAC CENTER, November 13, 2007, Riyadh, Saudi Arabia
120. Invited Speaker “Coronary bifurcation classification and technique” at the PRINCE SULTAN CARDIAC CENTER, November 12, 2007, Riyadh, Saudi Arabia
121. Invited Guest speaker at the Second International Kowsar Heat Hospital Symposium on Cardiovascular disease, “Classification of Coronary lesion and Interventional Technique”, April 27, 2007, Shiraz, Iran
122. Invited Guest speaker at the Second International Kowsar Heat Hospital Symposium on Cardiovascular disease, “Myocardial Ischemia secondary to acute stress”, April 25, 2007, Shiraz, Iran
123. Invited Guest speaker at the 11th National Congress on Cardiovascular Update “Update on Cardio Cerebral resuscitation for cardiac arrest victims: ”, Teheran, Iran, June 18, 2009
124. Invited Guest speaker at the 11th National Congress on Cardiovascular Update “Update on coronary artery bifurcation classifications and interventional techniques.”, Teheran, Iran, June 19, 2009

125. Invited Guest speaker at the 11th National Congress on Cardiovascular Update “Contrast induced Nephropathy”, Teheran, Iran, June 20, 2009
126. Invited Guest speaker at the 11th National Congress on Cardiovascular Update “Preoperative Clopidogrel Therapy in Patients Undergoing Coronary Bypass Surgery.”, Teheran, Iran, June 20, 2009
127. Invited Guest speaker at the Modares Hospital, Shahid Beheshtie University, “Preoperative Clopidogrel Therapy in Patients Undergoing Coronary Bypass Surgery Facts and pitfalls.”, Teheran, Iran, June 24, 2009
128. Invited Guest speaker at the Modares Hospital, Shahid Beheshtie University, “Contrast induced Nephropathy”, Teheran, Iran, June 24, 2009
129. Invited Speaker 3rd Heart and New technology symposium, “Chest compression only CPR update” November 18, 2010, Chalus, Iran
130. Invited Speaker 3rd Heart and New technology symposium, “Dual antiplatelet therapy in patients on chronic anticoagulant therapy: What is the best INR? How long can antiplatelet drug therapy be continued in these patients? November 17, 2010, Chalus, Iran
131. Invited Speaker 3rd Heart and New technology symposium, “Update on Intra vascular Ultrasound use (IVUS)” November 17, 2010, Chalus, Iran
132. Invited Speaker 3rd Heart and New technology symposium, “Contrast removal device from coronary sinus in details for prevention of contrast induced nephropathy” November 17, 2010, Chalus, Iran
133. Invited Speaker 3rd Heart and New technology symposium, “Stent wares: how evolving stent technology will change my practice” November 16, 2010, Chalus, Iran
134. Invited speaker at, “1st world cardiovascular, diabetes, and obesity online conference, on September 24, 2011. Session 12: Cardiology clinical research and practice “Obesity paradox. How can we explain the protective effect of obesity against adverse outcomes in patients with congestive heart failure?”
135. Invited speaker at Invasive and Interventional Cardiology section “Coronary artery bifurcation classifications and techniques” at the 3rd International Cardiology Conference, China, December. 2011
136. Invited Guest speaker at the 6th International Kowsar Heat Hospital Symposium on Cardiovascular disease, “Preoperative evaluation of cardiac patients who need non-cardiac operation”, April 25, 2014, Shiraz, Iran

137. Invited Guest speaker at the 6th International Kowsar Heat Hospital Symposium on Cardiovascular disease, “valvular disease in an aging population, April 24, 2014, Shiraz, Iran

138. Invited Guest speaker at the 6th International Kowsar Heat Hospital Symposium on Cardiovascular disease, “Prevention of cardio-vascular disease in elderly”, April 23, 2014, Shiraz, Iran

National:

139. Invited guest speaker, Technological Assessment Symposium, Drug Eluted Stents, Sponsored by University Health System Consortium, Scottsdale, Arizona, January 22, 2003.

140. Family Medicine Refresher Symposium, Diagnostic Cardiac Imaging, Newport Beach, California, June 2003.

141. Invited Guest speaker at Tucson Cactus Coders Annual Coding Seminar: “Acute myocardial infarction Treatment and prevention” Saturday July 13, 2013 at Desert Diamond, Tucson, Arizona

142. Invited Guest speaker at Tucson Cactus Coders Annual Coding Seminar: “Broken Heart Syndrome” Saturday July 13, 2013 at Desert Diamond, Tucson, Arizona

143. Invited Guest Speaker at Carondelet Cardiovascular Symposium: The Future of Heart & Vascular Care: An Update for the Practitioner. Topic “Guidelines for Management of Valvular Heart Disease.” Loews Ventana Canyon Tucson, AZ, September 6, 2014

144. Keynote Speaker at TCT 2025, Titel: My Top Tips and Tricks How to Avoid Floating Stents (and What to Do When It Happens Anyway). Coronary Complications: CHIP - Lost Stents. Wednesday, October 30, 2025, 2:00 PM — 2:40 PM EDT, Room: Complex Cases With the Masters | Innovation & Exhibit Hall (Halls A-C) | Lower Level | Walter E. Washington Convention Center, Coronary, Coronary Complications: CHIP - Lost Stents, Washington, DC

INVITED CONFERENCES:

Grand Rounds Presentations

145. Medical Ground Round: Atherosclerosis and Infection, University of South Carolina, Richland Memorial Hospital, South Carolina, June 1999.

146. Park View Hospital Ground Round: Clinical Value of the Troponins in Acute Coronary Syndromes, Riverside, California, March 27, 2001.

147. Huntington Beach Hospital Ground Round: Atrial Fibrillation Pathogenesis and treatment, Huntington Beach, California, May 10, 2001.

148. Santa Marta Hospital Ground Round “New Modalities in Treatment of Congestive Heart Failure” Los Angeles, California, October 24, 2002.

149. Lakewood Regional Medical Center Ground Round, “Heart Disease in Women”, April 1, 2005, Lakewood, California

150. Cardiology Ground Round “Intravascular Ultrasound”, Fountain Valley Regional Medical Center, Fountain Valley, California, April 4, 2005

151. Cardiology Ground Round “Congestive Heart Failure” Anaheim General Hospital, Anaheim, April 28, 2005

152. Medicine Ground Round, UCI Medical Center, Contrast Induced Nephropathy Prevention and New innovation, October 25, 2005

153. Neurosurgical Ground Round, UCI medical Center, “Arrhythmias in Neuro-Surgical Patients”, December 7, 2005

154. Lakewood Regional Medical Center Ground Round, “Atrial fibrillation”, Lakewood, CA, January 20, 2006

155. Medical Ground Round, South Coast Medical Center” New Treatments for Atrial Fibrillation”, Laguna Beach, CA, April 11, 2006

156. La Palma Intercommunity Hospital Ground Round, “Congestive Heart Failure”, La Palma, California, January 24, 2006

157. Riverside Community Hospital, Cardiology Ground Round, Assessment of ARB use in the Treatment Heart Failure, Riverside, CA, April 26, 2006

158. Utah Valley Regional Medical Center, Cardiovascular Ground Round “Contrast Media: Why It Matters in Managing Risk”, Provo, Utah, May 15, 2006

159. Medical Ground Round, South Coast Medical Center “Cardiovascular Update”, Laguna Beach, CA, May 23, 2006

160. Medical Ground Round, “Stress induced Cardiomyopathy” University of Arizona Medical Center, April 9, 2008

161. Medical Ground Round “Discontinuation of clopidogrel before cardiac surgeries, facts and pitfalls”, University of Arizona, Department of Medicine, June 18, 2008

162. Medical Ground Round “Obesity and Heart Failure Paradox” University of Arizona, Department of Medicine, August 6, 2008

163. Management Conference / Ground round “Stress Induced Cardiomyopathy” The Southern Arizona VA Health Care System, May 20, 2009

164. Medical Ground Round, University of Arizona Medical Center, “Contrast Induced Nephropathy” July 1, 2009

165. Medical Grounds Round “Contrast induced Nephropathy prevention and management, Tucson Medical Center, March 17, 2010”

166. Management Conference/Ground Round” Perioperative Cardiac Evaluation of patient Undergoing Non-Cardiac surgery, August 18, 2010, The Southern Arizona VA Health Care System

167. Management Conference/Ground Round” How to select the best noninvasive testing for patients with chest pain?” February 2, 2011, The Southern Arizona VA Health Care System

168. Management Conference/Ground Round:” Update on Contrast Induced nephropathy” August 17, 2011, The Southern Arizona VA Health Care System

169. Management Conference/Ground Round:” Preoperative evaluation of cardiac patients undergoing non-Cardiac surgery” August 7, 2013, The Southern Arizona VA Health Care System

170. St Joseph hospital Ground Round “Stress Induced Cardiomyopathy (Broken heart syndrome)” January 14, 2014, Tucson, AZ

171. Management Conference/Ground Round” Stress Induced Cardiomyopathy” August 6, 2014, The Southern Arizona VA Health Care System

172. Perioperative Cardiovascular Evaluation and Management” VA Management conference, Jan 12, 2016, Tucson, AZ

173. Medical Ground Round, Laredo Doctors Hospital,” Cardiac Evaluation and Management of Patients Undergoing Non-Cardiac Surgery”. Dec 20, 2022, Laredo, Texas

International

174. Invited guest Speaker, University of Shahid Beheshti Hospital, “ Update on cardio-cerebral resuscitation, Teheran, April, 2008

175. Invited Quest Speaker, Dr. Shariati University Hospital, “Cardiac Transplantation”, Teheran, April, 2008

176. Invited Speaker at the Shahid Beheshtie University, “Broken heart Syndrome”, May 13, 2007, Teheran, Iran

177. Invited Speaker at the Al Zahra University, “Broken heart Syndrome”, May 6, 2007, Teheran, Iran

178. Invited Speaker at the University of Shahid Beheshti Medical Center (Modares Hospital) “Stress Cardiomyopathy”, May 6, 2007, Teheran, Iran

179. Invited Speaker at the University of Shahid Beheshti Medical Center (Modares Hospital) “Classification of coronary bifurcation lesion and interventional technique”, May 6, 2007, Teheran, Iran

180. Invited speaker, Dubai Medical College for Girls, Coronary Artery Disease and Myocardial Infarction, Dubai, U.A.E, March 2004.

National, Regional, locals:

181. Student Teaching Assistant in the course of Cardiac Physiology, Hannover Medical School, Germany, 1985-1986.

182. Student Teaching Assistant in the Course of Macroscopic Anatomy, Hannover Medical School, Germany, 1986-1988.

183. Introduction to Computers, Teaching Tutor at the Medizinische Hochschule Hannover, (Hannover Medical School) 1987-1988.

184. Instructor in the field of Physiology and Anatomy, Nursing School, Siloah and Hameln, 1988-1989.

185. Myelodysplastic Syndrome, Pathology Conference, University of Rochester, New York, March 1992.

186. Undifferentiated Leukemia, Clinical Hematology Conference, University of Rochester, New York, January 1993.

187. The Pathogenetic Role of Platelet Associated Immunoglobulins of Different Classes in Idiopathic Thrombocytopenic Purpura, University of Rochester, New York, May 1993.

188. Hepatopulmonary Syndrome, Specialty Conference, University of Rochester, New York, February 1996.
189. Noninvasive Testing in Cardiology, Specialty Conference, University of Rochester, New York, April 1996
190. Benedict College a Review: Women and Heart Disease, Columbia, South Carolina, March 1998.
191. Echocardiography Guidelines, Cardiology Conference, University of South Carolina Medical Center, South Carolina, October 1998.
192. Stress Testing in Cardiology, Specialty Conference, University of South Carolina Medical Center, South Carolina, February 1999.
193. Valvular Heart Disease, Cardiology Conference, University of South Carolina, South Carolina, May 1999.
194. Small Vessel Stenting versus Angioplasty, Yale University Hospital, New Haven, Connecticut, November 1999
195. Chlamydia Pneumonia and Atherosclerosis, Review University of Iowa, Iowa City, Iowa, March 2000.
196. Use of Glycoprotein IIb/IIIa Inhibitors in Coronary Intervention, Yale University Hospital, New Haven, Connecticut, June 2000
197. Cardiology Specialty Conference, “Cardiomyopathy and Hemochromatosis”, Orange, California, August 2000.
198. University of California, Irvine College of Medicine, Student Harvey Session, “Cardiovascular Exam”, Irvine, California, August 2000.
199. Nuclear Cardiology Conference, “Basic Nuclear Cardiology” Conference, UCI Medical Center, Orange, California, September 2000.
200. University of California, Irvine College of Medicine, Student Harvey Session PDII, Irvine, California, September 12, 2000.
201. University of California, Irvine College of Medicine, Student Harvey Session PDII, Irvine, California, September 14, 2000.
202. University of California, Irvine College of Medicine, Student Harvey Session PDII, Irvine, California, September 19, 2000.

203. University of California, Irvine College of Medicine, Topics of Medicine, “CAD/Angina”, Irvine, California, October 13, 2000.
204. Department of Medicine/Cardiology Nuclear Cardiology Conference, “The Role of Nuclear Cardiology in Ischemic Heart Disease”, Orange, California, October 23, 2000.
205. Cardiology Fellow Nuclear Cardiology Conference, “Radioactive Pharmaceutical Tracer”, Orange, California, November 27, 2000.
206. Cardiology, Nuclear Cardiology Conference, “Finding Best Stress Test for Ischemic Heart Disease Evaluation”, Long Beach VA Medical Center, Long Beach, December 13, 2000.
207. Internal Medicine Subspecialty Conference. UCI Medical Center, Orange, California, December 22, 2000.
208. Department of Medicine Internal Medicine Board Review MKSAP II. UCI Medical Center, Orange, California, January 4, 2001.
209. Department of Medicine/Cardiology, Nuclear Cardiology Conference, “Post MI Risk Stratification”, Long Beach VA Medical Center, Long Beach, California, January 17, 2001.
210. Pathophysiology, Clinical Presentations, Diagnostic Strategies”UCI Department of Medicine Internal Medicine Noon Conference Lecture Series “Coronary Artery Disease: UCI Medical Center, Orange, California, January 22, 2001.
211. Department of Internal Medicine Noon Conference “Coronary Artery Disease”. Long Beach VA Medical Center, Long Beach, California, January 23, 2001.
212. Nuclear Cardiology Conference “Case Review of Patients with Coronary Artery Disease” Cardiology, UCI Medical Center, Orange, California, February 14, 2001.
213. Subspecialty Conference, “Aortic Stenosis” Department of Medicine, S, UCI Medical Center, Orange, California, March 16, 2001.
214. Interventional Cardiology lecture “Indications and Techniques” Department of Medicine, , UCI Medical Center, Orange, California, May 9, 2001.
215. Basic Nuclear cardiology, Fellow Conference, UCI Department of Medicine, UCI, Orange, California, July 11, 2001.
216. Cardiac Catheterization Basic, Fellow Conference, Cardiac Catheterization Basic, Fellow Conference, UCI Medical Center, Orange, California, August 6, 2001.

217. Subspecialty Conference, Endocarditis, Department of Medicine, UCI Medical Center, Orange, California, August 10, 2001.

218. Department of Medicine, Cardiology Fellow Conference, Acute Coronary Syndrome, UCI Medical Center, Orange, California, August 13, 2001.

219. Update in Treatment of Congestive Heart Failure, Chapman Hosp, Orange, California, October 2, 2001. Department of Medicine, Clinical Pathological Conference, Constrictive Pericarditis, UCI Medical Center, Orange, California, October 5, 2001

220. Department of Medicine, Cardiology Fellows Conference, Nuclear Cardiology Tracers, UCI Medical Center, Orange, California, October 10, 2001

221. University of California, Irvine College of Medicine, Topics of Medicine, “Endocarditis”, Irvine, California, October 12, 2001

222. University of California, Irvine College of Medicine, Student Harvey Session PDII, “Cardiac Auscultation”, Irvine, California, October 24, 2001.

223. Department of Medicine, Nuclear Cardiology Clinical Correlation, UCI Medical Center, Orange, California, December 2001

224. Department of Medicine, Pulmonary Fellows Conference “Right Heart Hemodynamics, UCI Medical Center, Orange, California, December 13, 2001

225. Subspecialty Conference, “Aortic Dissection” Department of Medicine UCI Medical Center, Orange, California, December 2001

226. Department of Medicine, Cardiology Conference, “Nuclear Cardiology case Reviews” UCI Medical Center, Orange, California, January 2002

227. Department of Surgery, “Preop Evaluation of Patients Undergoing Non-Cardiac Surgery”, UCI Medical Center, Orange, California, January 2002

228. Department of Anesthesiology, “Preoperative Evaluation for Cardiac Abnormalities in Patients Undergoing Non-Cardiac Surgery”, UCI Medical Center, Orange, California, February 2002

229. Technical Aspect of Interventional Cardiology, Fellow Conference, UCI Medical Center, Orange, California, April 15, 2002

230. Community Memorial Hospital, Coronary Stenting and intervention, Ventura, California, May 2002

231. Research Conference: Echocardiographic Abnormalities in Healthy Teenage Athletes Using Hand Carried Echocardiography, UCI Medical Center, Orange, California, June 2002.

232. Emergency Department, UCI Medical Center, Cardiac Markers for Chest Pain Evaluation, UCI Medical Center, Orange, California, June 24, 2002

233. Clinical Pathological Conference, “Mitral Stenosis”, UCI Medical Center, Orange, California, October 3, 2002.

234. Department of Medicine Conference, “Endocarditis”, UCI Medical Center, Orange, California, January 13, 2003.

235. Long Beach VA Medical Center Medicine Conference, “Endocarditis”, Long Beach, California, January 16, 2003.

236. Pulmonary Conference “Swan Ganz”, Orange, California, February 6, 2003. UCI Medical Center.

237. Subspecialty Conference “Cardiac Tamponade”, Orange, California, February 21, 2003. UCI Medical Center

238. Subspecialty Conference “Cardiac Tamponade” UCI Medical Center, Orange, California, April 18, 2003.

239. Biology Department Guest Lecture, Hypertension, University of California Irvine, Irvine, California, April 24, 2003.

240. Department of Family Medicine, Family Medicine Clinic Lecture, Atrial Fibrillation, Santa Ana, California, May 29, 2003.

241. Long Beach VA Medical Center Medicine Conference, “Arrhythmias”, Long Beach, California, July 17, 2003.

242. Medicine Conference “Bradyarrhythmias”, University of California, Irvine Medical Center, Orange, California, July 24, 2003.

243. University of California, Irvine Medical Center, Medicine Conference “Cardiac Catheterization”, Orange, California, August 7, 2003.

244. Guest Speaker, Coronary Artery Disease, Network of Iranian American Professionals of Orange County (NIPOC), August 7, 2003.

245. University of California, Irvine Medical Center, Radiology Conference “Coronary Artery Disease and Cardiac Intervention”, Orange, California, August 13, 2003.

246. University of California, Irvine Medical Center, Cardiology Conference “Diagnostic Cardiac Imaging Noninvasive Testing in the Evaluation of Coronary Artery Disease, Orange, California, August 24, 2003.
247. Internal Medicine Subspecialty Conference, “Endocarditis”, University of California, Irvine Medical Center, Orange, California, September 26, 2003.
248. University of California, Irvine College of Medicine, Topics of Medicine, “Acute Chest Pain”, Irvine, California, October 16, 2003.
249. Topics of Medicine, “Pathophysiology of Endocarditi” University of California, Irvine College of Medicine, Irvine, California, October 20, 2003.
250. University of California, Irvine, Emergency Department, “Myocardial Injury Markers”, Irvine, California, January 2004.
251. Department of Internal Medicine Conference, “Coronary Artery Disease: Pathophysiology, Clinical Presentation, Diagnostic Strategies”, Orange, California, January 14, 2004.
252. Long Beach VA Medical Center, Department of Internal Medicine Conference, “Coronary Artery Disease: Pathophysiology, Clinical Presentation, Diagnostic Strategies”, Long Beach, California, January 16, 2004.
253. Radiology Department, Coronary Artery Disease and Coronary Angiography. University of California, Irvine Medical Center, , Orange, California, February 4, 2004.
254. Biology Department Guest Lecture, Hypertension, University of California Irvine, Irvine, California, June 3, 2004.
255. Medical Center, Cardiology Conference, “Open Artery Hypothesis”, Orange, California, July 28, 2004.
256. UCI Medical Center, Cardiology Conference, “Nuclear Cardiology Tracer and Protocols”, Orange, California, August 18, 2004.
257. Cardiology Conference: “Cardiac Markers”. UCI Medical Center, Orange, California, September,17, 2004.
258. Internal Medicine Conference: “Apical Ballooning”. Medical Center, Orange, California, September,24, 2004.
259. University of California, Irvine College of Medicine, Topics of Medicine, “Endocarditis”, Irvine, California, October 2004.

260. University of California, Irvine College of Medicine, Topics of Medicine, “Acute Chest Pain”, Irvine, California, October 2004.

261. Oregon Health Science University Research Conference, Measurement of Coronary Cross-Sectional Area and Diameter of Midsize Arteries Using Impedance Electrodes, Portland, Oregon, November 19, 2004.

262. Long Beach VA Medical Center, “Chronic Coronary Artery Disease”, Long Beach, California, January 21, 2005.

263. University of California, Irvine Medical Center, “Coronary Artery Disease”, Irvine, California, January 24, 2005.

264. University of California, Irvine Medical Center, “Technical aspect and artifact of nuclear cardiology”, Imaging Conference, March 2005

265. University of California, Irvine Cancer Genetics Group Conference, “Women and heart disease” March 31, 2005

266. Biology Department Bio 50 Guest Lecture, Hypertension, University of California Irvine, Irvine, California, April 5, 2005.

267. Fundamentals Lecture Series “Arrhythmias” University of California Medical Center, Orange, California, July 21, 2005

268. Fundamentals Lecture Series “Arrhythmias” Long beach VA hospital, University of California Medical center, Long Beach, California, July 22, 2005

269. Imaging conference” Basic and Clinical Nuclear Cardiology” University of California, Irvine Medical Center, July 27, 2005

270. Technical aspect and artifact in Nuclear Cardiology, University of California, Irvine, Medical Center, August 29, 2005

271. Choosing the Best Noninvasive Testing for the Evaluation of Chest Pain, Family Health Center in Santa Ana, October 18, 2005

272. The 12th annual faculty Research poster session, “Successful removal of Contrast from coronary sinus in swine”, October 26, 2005

273. University of Arizona Medical Center, how far are we in the prevention of contrast induced nephropathy, Tucson, AZ, 8/12/2005

274. Invited Guest Speaker at Whittier College, “Atherosclerosis and Cardiovascular Drugs”, March 15, 2006, Whittier, CA

275. Invited Guest Speaker, “coronary artery disease and Interventional Cardiology”, Department of radiology, UCI Medical Center, April 26, 2006, Orange, CA

276. Invited Guest Speaker for GE Health Care” Contrast Induced nephropathy and the role of Contrast Media” Los Angeles, CA, May 18, 2006

277. University of Arizona Sarver heart Center, Comparison between ARB and Ace Inhibitors in the Treatment Heart Failure, Tucson, AZ July 28, 2006

278. University of Arizona Sarver heart Center, “Technical aspect of nuclear Cardiology and artifacts”, Tucson, AZ, October 13, 2006

279. University of Arizona Sarver heart Center, “Coronary artery bifurcation: definition, classification and techniques”, Tucson, AZ, October 20, 2006

280. University of California, Irvine, Chinese Scholars Lecture, “Interventional Cardiology: Focus on Contrast Induced Nephropathy” October 27, 2006, Irvine, California

281. University of Arizona Sarver Heart Center, “Measurement of coronary cross-sectional area and diameter of mid-size arteries using impedance electrodes”, Tucson, AZ, January 5, 2007

282. University of Arizona Sarver Heart Center, “Cardiac Transplantation”, Tucson, AZ, May 17, 2007, Tucson, AZ

283. University of Arizona Sarver Heart Center, “Update on Stress Cardiomyopathy”, Tucson, AZ, June 1, 2007

284. University of Arizona Sarver Heart Center, “Update on Cardiac Transplant”, Tucson, AZ, June 1, 2007

285. University of Arizona Sarver Heart Center, “Chest pain and Acute coronary Syndrome”, July 2007, UMC, Tucson, Arizona

286. University of Arizona Sarver Heart Center, “Obesity and Cardiovascular disease, focus on CHF and LVH”, August 10, 2007, UMC, Tucson, Arizona

287. University of Arizona Medical Center, Nursing Staff lecture, “Overview of Interventional Procedures” August 23, 2007, Tucson, Arizona

288. University of Arizona Medical Center, Cardiology Conference: “Cardiac Catheterization and Intervention” September 6 2007, Tucson, Arizona

289. Southern Arizona VA Health Care System, Residence Conference “Congenital Heart Disease” , December 20, 2007
290. University of Arizona Sarver Heart Center, Fellow conference” Stress cardiomyopathy”, January 24, 2008, Tucson, AZ
291. University of Arizona Sarver Heart Center, “Discontinuation of clopidogrel before cardiac surgeries, facts and pitfalls”, February 22, 2008
292. University of Arizona, Department of Cardio Thoracic Surgery “Update and Review on Discontinuation of clopidogrel before cardiac surgeries”, May 28, 2008
293. University of Arizona Sarver Heart Center, “Discontinuation of clopidogrel before cardiac surgeries for cardiac patients”, June 12, 2008, Thursday morning cardiology conference
294. University of Arizona Medical Center, “The role of IVUS in the detection of Transplant Vasculopathy”. Echo conference, June 17, 2008
295. The role of IVUS in the detection of Cardiac Allograft Vasculopathy in Post-Transplant Patients” Cardiothoracic surgery conference, June 26, 2008
296. University of Arizona Sarver Heart Center, Fellow conference” Cardiac Catheterization”, August 2008
297. University of Arizona, Department of Cardio Thoracic Surgery “Stress Induced Cardiomyopathy”, September 10, 2008
298. The Southern Arizona VA Health Care system, Division of cardiology “Cardiac Transplantation Pharmacology and Immune Suppression” October 9, 2008
299. University of Arizona Sarver Heart Center, Division of Cardiology, “Discontinuation of clopidogrel before cardiac surgery” February 5, 2009
300. The Southern Arizona VA Health Care System “Valvular Heart Disease and Echocardiography, March 19, 2009
301. The Southern Arizona VA Health Care System, Fellow Conference “Contrast induced nephropathy update, May 14, 2009
302. Sarver Heart Center conference” Nationwide trends in the utility and outcome of invasive procedures and myocardial infarction” March 27, 2009

303. Interventional Fellow conference” Contrast induced nephropathy” Southern Arizona VA Health care System, July 15, 2009
304. Fellow conference” Cardiac catheterization and intervention” Southern Arizona VA Health care System, July 16, 2009
305. Interventional fellow “POBA, provisional stenting vs routine stenting”, The southern Arizona VA Health Care System , September, 2009
306. Cardiology conference” Preoperative evaluation of patients undergoing non-cardiac surgery” September 17, 2008, University of Arizona Sarver Heart Center
307. Cardiology Research conference” Randomized Clinical Trials” April 23, 2010, University of Arizona Sarver Heart Center
308. Cardiology Fellow conference” Contrast Induced nephropathy.” May 6, 2010, University of Arizona Sarver Heart Center
309. Cardiology SHC Research conference” Athera and anti P38 Clinical Trials” June 25, 2010, University of Arizona Sarver Heart Center
310. Cardiology Fellow conference” Cath lab basic” July 15, 2010, University of Arizona Sarver Heart Center
311. Interventional fellow Conference” POBA vs. Stenting’ July 20, 2010, University of Arizona, the southern Arizona VA Health care Center
312. Cardiology Fellow conference” Preop-evaluation for non-cardiac surgery” September, 2010, University of Arizona Sarver Heart Center and SAVAHCS
313. Residence academic conference” Imaging Modalities for Pericardial Disease” , March 3th, 2011, SAVAHCS, Tucson, AZ
314. Cardiology conference” Contrast Induced Nephropathy, Update” March 10, 2011, University of Arizona Sarver Heart Center and SAVAHCS, Tucson, AZ
315. Cardiology Conference” Clinical Trials Update: Focus on TIMI 54, VISTA 16, TADY and TACY trials) March 15, 2011, University of Arizona Sarver Heart Center, Tucson, Arizona
316. Interventional Fellows lectures: “Brachytherapy” April 13, 2011, The Southern Arizona VA Health Care system.
317. Combined University of Arizona Tucson and Mayo Clinic Scottsdale Hands on workshop for Cardiology fellows, Scottsdale, Arizona, April 15, 2011

318. Cardiology Conference” Cath LAB Basic” July 14, 2011, University of Arizona Sarver Heart Center and SAVAHCS, Tucson, AZ

319. Interventional fellow Conference: “Contrast Induced Nephropathy” The Southern Arizona VA Health Care System, Tucson, AZ, July 2011

320. Cardiology Conference” Preoperative evaluation of patients undergoing non-cardiac surgery” September 22, 2011, University of Arizona Sarver Heart Center and SAVAHCS, Tucson, AZ

321. Interventional fellow Conference: “POBA vs. Stenting” The Southern Arizona VA Health Care System, Tucson, AZ, October 13, 2011

322. Interventional fellow Conference: “Update on Coronary artery bifurcation lesion classification and interventional techniques” The Southern Arizona VA Health Care System, Tucson, AZ, December 15, 2011

323. Invited guest speaker “Update on Contrast induced nephropathy”” Phoenix VA Health care system, Phoenix, AZ, January 5, 2012

324. Cardiology fellow Conference: “Valvular heart disease. Focus on valvular regurgitations” The University of Arizona Sarver Heart Center, Tucson, AZ, April 19, 2012

325. Interventional Cardiology Conference: “Contrast Induced Nephropathy Update” , July, 25, 2012, at SAVAHCS, Tucson, AZ 2012

326. Speaker for CareMore Lecture Series” How your heart plays a role in your love life” July 26, CareMore Center Speed way, Tucson, Arizona

327. Cardiology fellow Conference: “Valvular heart disease. Focus on Mitral and Aortic Regurgitation” The University of Arizona Sarver Heart Center, Tucson, AZ, September 6, 2012

328. Speaker for CareMore Lecture Series” How your heart plays a role in your love life” August 21, 2012, Green Valley Country Club, Tucson, Arizona

329. Speaker for CareMore Lecture Series” How your heart plays a role in your love life” October 30, 2012, CareMore Center Green Valley, Tucson, Arizona

330. Speaker for CareMore Lecture Series” How your Heart Play a role in your Love Life”, Chinese Cultural Center, November 29, 2012, Tucson, Arizona

331. Interventional fellow conference “Update on Coronary Bifurcation Intervention”, SAVAHCS, January 9, 2013

332. Cardiology fellow Conference: “Aortic Stenosis” The University of Arizona Sarver Heart Center, Tucson, AZ, February 21, 2013
333. Speaker for CareMore lecture Series at Chinese Cultural Center” cardiovascular disease. Focus on Myocardial Infarction, Treatment and prevention”, April 18, 2013
334. Speaker for CareMore lecture series for Sonora Lung Breathe Better Club in Green Valley “COPD and Heart Disease” August 23, 2013, Tucson, AZ
335. Cardiology Fellow Conference” Cath lab and interventional Basic” July 11, 2013, Sarver Heart Center, Tucson, AZ
336. Resident Academic Half Day Lecture series” Aortic Valve Disease” University of Arizona Medical Center, January 16, 2014, Tucson, Arizona
337. Speaker lecture series for Sonora Lung Breathe Better Club in Green Valley “How COPD affect the Heart” February 21, 2014, Tucson, AZ
338. Cardiology Fellow Conference” Preop evaluation of patients undergoing Non-Cardiac Surgery” August 20, 2014, Sarver Heart Center, Tucson, AZ
339. Heart failure Focus on Diastolic and Systolic function and echocardiography, CareMore, Speedway Clinic, Marc 13, 2015
340. Prevention and treatment of Acute Myocardial Infarction, PIMA Council of Aging, at Expo. Tucson, AZ, February 2016
341. Heart Failure Update. Clinical approach, CareMore, Speedway Care Clinic, Tucson, AZ, January 24, 2017
342. Heart Failure Management, CareMore Center, Stone Office, 2018, Tucson, AZ
343. Invited lecture, Coronary Artery disease. Treatment and management, Heart of your Community Health Symposium, October 19, 2018, CareMore Care Center, Tucson, AZ
344. Invited lecture, Coronary Artery disease and acute MI Treatment and management, Heart of your Community Health Symposium, October 19, 2018, November 16, 2018, St Marys Hospital, Tucson, AZ
345. Statin Guidelines Review. CareMore Cardiology Journal Club presentation, May 30, 2020, Tucson, Arizona
346. Mitral Valve Clip Indication and data VS. Surgery, CareMore Cardiology Journal club, Dec 21, 2020, Tucson AZ

347. VA Cardiology Conference. COVID induced Third degree AV –Block, November 23-2021, SAVHCS

348. VA Cardiology Conference: The use of Export catheter for treatment of resistant no-Reflow, SAVHCS, Jan 11, 2022

349. Invited Speaker at Basis School. Title: The path to the successful physician, March, 2022

350. Chest Compression CPR, educational Event at ELT meeting, October 19, 2022, Tucson, Arizona

351. Laredo Doctors Hospital, Rehab invited speaker” Prevention and treatment of Coronary Artery Disease, 10/25/2022, Laredo, Texas

352. Chest compression only CPR, AHA Executive Leadership Meeting lecture, June 1, 2023, Tucson, AZ

353. VA Cardiology Conference: Coronary PCI in patients with CTO why should not be done SAVHCS, September 5th, 2023

354. Chest compression only CPR, AHA Executive Leadership Meeting lecture, November 16, 2023, Tucson, AZ

355. SAVAHCS Cardiology Conference: How to prevent nearly 100% of the time intubation in patients with acute cardiogenic pulmonary edema without cardiogenic shock, Feb 17, 2024, Tucson, AZ

356. SAVAHCS Cardiology Conference: Interesting Case presentation. Takotsubo, coronary perforation, Stent lost, March 19-222024, Tucson, Arizona

357. Southern Arizona American Heart Association Board Metting lecture: Stroke How to prevent and how to be alerted, 4-25-2024, Tucson, Arizona

Grants and Research:

Federal/NIH:

1. **Sub-Investigator** Neural Mechanism of the Effect of Acupuncture on Myocardial Ischemia, PI Dr. Longhurst, University of California, Irvine, 10/2001-2005

2. **Co- Investigator:** Quantification of Regional Coronary Blood Flow. National Institutes of Health (R01 HL 67159) \$866,913, PI: S. Molloi, 2001-2004.

American Heart Association

3. **Sub-Investigator:** Quantification of Diffuse Coronary Artery Disease. Funded by National American Heart Association. University of California, Irvine 9/1/00-6/2006 PI: S. Molloi (\$300,000).

State/University Grants:

4. **Principal investigator:**” Clinical consequences of the association between Chlamydia pneumonia infection and Galectin 3 expression in atherosclerosis. \$5000 Sarver Heart Center Grant, October 2007-present at Sarver Heart Center
5. **Principal investigator:** Faculty Career Development Award, University of California, Irvine, 2001, (\$1,000). Co-Investigator: Contrast removal from coronary sinus
6. **Sub-Investigator:** Discovery of Gene Mutations and Polymorphisms that Contribute to the Risk of Arteriosclerosis. Funded by University of California, San Francisco, 9/1/00 - 2/15/01.
7. **Co- Investigator:** Quantification of Diffuse Coronary Artery Disease Based on Coronary Artery Tree Design Rules. UCI Biomedical Engineering and College of Medicine seed grant \$15,000, PI: S. Molloi, 2004-2005
8. **Principle Investigator** “Assessment of the effect of contrast removal from coronary sinus in pigs during coronary angiography” UCI 2004 School of Medicine Research award \$10,000
9. **Principle-Investigator:** The Combined Effect of Clopidogrel and Aspirin versus Aspirin or Clopidogrel Alone on Platelet Aggregation in Humans. Richland Memorial Hospital, 1999 Grant-in Aid Award (\$5000).
10. **Co-Investigator:** Clinical Consequences of the Association between Chlamydia Pneumonia Infection and Galectin-3 Expression in Atherosclerosis. Richland Memorial Hospital, 1998 Grant-in Aid Award, (\$5000).

Industry:

Primary Investigator: Basic and clinical trials:

11. **Principal Investigator:** Animal Study Evaluating Contrast Removal, University of California, Irvine, 8/2000-2005. (\$7000 Grant from Neo-Medix).
12. **Principle investigator,** A Comparison of CS-747 and Clopidogrel in Acute Coronary Syndrome Subjects who are to Undergo Percutaneous Coronary Intervention TIMI 38, University of Arizona Sarver Heart Center, 7/2006-7/2007
13. **Principle Investigator,** a randomized, double blind , placebo controlled, parallel- group Trial to assess the efficacy and safety of Omacor for the prevention of recurrent, symptomatic atrial fibrillation 2007-2010 at Sarver Heart Center
14. **Principle investigator,** Plato Trial, X6426 and SHC, The primary objective of this trial is to test the hypothesis that AZD6140 is superior to clopidogrel for the prevention of vascular events in patients with non-ST or ST elevation acute coronary syndromes (ACS). October 2007-january 2009 SHC
15. **Principle investigator,** Protocol: 403: A Phase II, multi-center, randomized, double-blind, placebo-controlled study to evaluate the safety and efficacy of PROCHYMAL® (ex vivo cultured adult human mesenchymal stem cells) intravenous infusion following acute myocardial infarction, UMC, November, 2009- July 2011
16. **Principle investigator,** Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of SCH530348 in Addition to Standard of Care in Subjects With a History of Atherosclerotic Disease: Thrombin Receptor Antagonist in Secondary Prevention of Atherothrombotic Ischemic Events (TRA 2°P - TIMI 50) P04737-3546,time UMC, July 2008-July 2011
17. **Principle investigator,** A Randomized, Multicenter, Double-Blind, Group-Sequential Study to Evaluate the Efficacy, Immunogenicity, and Safety of a Single Dose of Merck 0657nl Staphylococcus aureus Vaccine (V710) in Adult Patients Scheduled for Cardiothoracic Surgery. Protocol 003-01, UMC, December 2009- July 2011
18. **Principle investigator,** A Multi-center, Double-Blind, Randomized Study to Establish the Clinical Benefit and Safety of Vytorin (Ezetimiber/Simvastatin Tablet) vs Simvastatin Monotherapy in High-Risk Subjects Presenting With Acute Coronary Syndrome (IMProved Reduction of Outcomes: Vytorin Efficacy International Trial – IMPROVE-IT) Protocol No. P04103, UMC, November 2009- July 2011
19. **Principle investigator,** A Clinical Outcomes Study of Darapladib versus Placebo in Subjects Following Acute Coronary Syndrome to Compare the Incidence of Major Adverse Cardiovascular Events (MACE) SB480848/033, (Short title: The Stabilization Of pLaques usIng Darapladib-Thrombolysis In Myocardial Infarction 52 [SOLID-TIMI 52] Trial) UMC, March 2010- July 2011

20. **Principle investigator:** Evaluation and Safety and efficacy of short-term A-002 treatment in subjects with acute coronary syndromes, VISTA-16 (Vascular Inflammation Suppression to treat Acute Coronary Syndrome for 16 weeks), September 2010- July 2011
21. **Principle investigator:** Cardiovascular outcome study to evaluate the potential of aleglitazar to reduce cardiovascular risk in patients with a recent acute coronary syndrome (ACS) event and type 2 diabetes mellitus (T2D), September 2010- July 2011
22. **Principle investigator:** Pagasus TIMI-54: A randomized Double- Blinded Placebo Controlled Parallel group Multinational Trial to assess the prevention of thrombotic events with ticagrelol compared to placebo on a background of Acetyl salicylic acid (ASA) therapy in patients with history of myocardial infarction, July 2011 at SAVAHCS
23. **Principle investigator:** GSK Solstice: A randomized double blind placebo controlled study to evaluate the safety of 12 weeks of dosing with GW856553 and its effects on inflammatory markers. Infarct size and cardiac function in subjects with myocardial infarction without ST segment elevation, September 2010-March 2011.
24. **Principle investigator:** Compassionate Use of The PK Papyrus covered stent (Biotronik AG) for the use of coronary perforation, Gulf Coast Hospital, Panama Beach, Florida, March 2024-present

Sub-Investigator:

25. **Sub-Investigator:** Multicenter Trial Using Ultrastent in Coronary Intervention. Yale University 1999-2000.
26. **Sub-investigator. The TRILOGY ACS Study** Evaluating the effect of Clopidogrel vs. Prasugrel. The primary objective of this trial is to test the hypothesis that New anti-platelet ADP receptor antagonist is as effective as clopidogrel in preventing events in patients with acute coronary syndrome treated medically, at SAVAHS, October 2008-2010
27. **Sub-Investigator Improve-it ACS**-Evaluating the clinical benefit of Ezetimibe/Simvastatin combination compared to Simvastatin 40 mg, at SAVHCS, October 2008- Nov 2009
28. **Sub-investigator, BRAVE study,** Evaluating the effect of CRT on the severity of mitral regurgitation, 2008-november 2009
29. **Sub- investigator Rely study** Evaluating the effect of dabigatran exelilate in patients with non-valvular atrial fibrillation, at the SAVHCS, September 2007-dec 2008

30. **Sub- investigator, Freedom Trial, POC: X5519**, The primary objective is to assess the long-term effectiveness of multi-vessel PCI with drug-eluting stenting (PCI/DES) compared to CABG in preventing all-cause mortality, nonfatal myocardial infarction or stroke. September 2007-present at SAVAHCS
31. **Sub-investigator, CSP #474, X6426**. The primary objective is to prospectively define the patency of the radial artery when used as a conduit for grafting during coronary artery bypass grafting (CABG). September 2007-present at SAVAHCS
32. **Sub-investigator, Current/OASIS7, Alice McArthur, X6424**, The primary objective is to determine whether a high dose regimen of clopidogrel is superior to a standard dose of clopidogrel in preventing the composite of cardiovascular death, MI, stroke or recurrent ischemia in patients with non-ST segment elevation ACS who are treated with an early invasive strategy with an intent to perform PCI as early as possible within 24-hours of randomization September/2007-November 2009 at SAVAHCS,
33. **Sub-investigator Improve-HF, X5088**, The primary objective is to evaluate the proportion of practices that demonstrate a relative 20% or greater improvement in two or more of the performance measures at 24 months compared with baseline. October 2007-November 2009 at SAVAHCS
34. **Sub-investigator, SJM – Freedom, X5088**. The purpose of this research study is to prospectively evaluate the benefit of frequent atrio-ventricular (AV/PV) and inter-ventricular (V-V) delay optimization using QuickOpt™ in patients with Cardiac resynchronization therapy defibrillator (CRT-D) devices. September, 2007-2011 at SAVAHCS
35. **Sub-Investigator, Early ACS Trial**. Multi-center trial evaluating the superiority of early eptifibatide administration as double bolus plus infusion in reducing event in patients presenting with high-risk NSTEMI ACS. September 2007-2008t at SAVHCS
36. **Sub-investigator, Warfarin vs. Aspirin in Reduced Ejection Fraction (WARCEF) study** University of Arizona Sarver Heart Center, 8/2006-present at Sarver Heart Center and SAVAHCS
37. **Sub-Investigator, Multicenter Target Trial (Comparison of Repro versus Tirofiban)**. Yale University 1999-2000.
38. **Sub-Investigator: Multicenter Trial Using Pressure Wire versus Intravascular Ultrasound for Optimal Stent Deployment**. Yale University 1999-2000
39. **Sub-Investigator: RED-CABG, Reduction in Cardiovascular Events by AcaDesine in subjects undergoing CABG, SAVHCS, Percent, 1%, December 14, 2009-April 2011**

40. **Sub-Investigator:** ASCEND HF, ACS—If nesiritide as compared to placebo plus the usual treatment for acute decompensated heart failure, help to improve breathing difficulties, reduce readmissions to hospitals, and helps patients live longer, July 2009-April 2011 at SAVAHCS
41. **Sub-Investigator:** AQUARIUS. A 104 week, randomized, double-blind, placebo-controlled, parallel-group, multicenter study to evaluate efficacy of aliskiren on the progression of atherosclerosis in patients with coronary artery disease when added to optimal background therapy, September 2009-March 2011
42. **Sub-Investigator:** ARISTOTLE, A Phase 3, Active (Warfarin) Controlled, randomized double Blind, parallel Arm Study to evaluate Efficacy and safety of Apixaban in preventing Stroke and systemic Embolism in subjects with Non-valvular Atrial Fibrillation, October 2009-March 2011
43. **Sub-Investigator:** CSP #557, VA Coronary Artery Revascularization in Diabetes Study (VA CARDS) . Evaluating LM and # vessel stenting in DM patients in comparison to medical therapy. December 2009-March 2011
44. **Sub-Investigator:** CSPP100F2301. A multicenter, randomized, double blinded parallel group, active controlled study to evaluate the efficacy and safety of both aliskarin monotherapy and aliskarin/enalapril combination therapy compared to enalapril monotherapy on morbidity and mortality in patients with chronic heart failure (NYHA class II-IV), October 2009-March 2011
45. **Sub-Investigator** CSPP100F2368. A multicenter, randomized, double blinded parallel group double-dummy, placebo-controlled study to evaluate the 6-month efficacy and safety of aliskarin on top of standard therapy on morbidity and mortality when initiated early after hospitalization for acute decompensated heart failure, December, 2009-March 2011
46. **Sub-Investigator** Optimise CRT. Optimal programming to improve mechanical indices symptoms and exercise in cardiac resynchronization therapy, October-2009-2011
47. **Sub-Investigator** Polar study. Position of leads in Advanced Heart Failure, 2010-March 2011
48. **Sub-Investigator** A European Multicenter Takotsubo Trial. Impact of co-morbidities and risk factors in Takotsubo cardiomyopathy, 2010-present

Private:

1. **Principal Investigator:** Evaluation for Echo Data Base, Contrast Removal and Athletic Heart Data Base. Research Grant from Marry Ann Reich, \$50,000. 2001-2006
2. **Principal Investigator:** Correlation of Coronary Artery Atherosclerosis Lesion's Character and Location with Clinical Variable, University of California, Irvine, 6/2001-Present.
3. **Principal Investigator:** Retrospective Data Analysis of Patients who Underwent Echocardiography in Past 25 Years for Prediction of Cardiac Morbidity and Mortality, University of California, Irvine, 12/2002-Present
4. **Principal Investigator:** A Retrospective Assessment of Echocardiographic Data on High School and Collegiate Student Athletes for the Incidence of Cardiac Abnormalities, University of California, Irvine, 8/2001-Present.
5. **Principal Investigator,** Retrospective analysis of abnormal EKG correlation with ten year mortality, Jan 2006-present
6. **Principal Investigator** using large national Readmission data base April 2020-present

OTHER CREATIVE WORK/ACTIVITIES

Patents

Patent for a contrast removal from coronary sinus for prevention of contrast induced nephropathy, January 2001-present

Patent for measuring cross-sectional area and pressure gradient in arteries for diagnosis and treatment of organ stenosis using impedance electrodes, 2003-present

Provisional Patent Application for pharmaceutical drug design for local drug activation, 2003

Provisional Patent for design and synthesis of long acting carvedilol, 2003

Provisional Patent for a low-cost defibrillator 12/2006

Provisional patent For cardiac assist device, 9-2009

Provisional Patent for very high pressure ballons using carbon fibers, April 2024

Provisional Patent for high pressure ballon angioplasty using carbon fibers, March, 2004

Extracurricular Activities

Successful completion of Flow Cytometry Course. University of Rochester Medical Center, 1992

Activities in International Exchanges in Germany and U.S.A.

Student Tutoring in Medical School

Computer Programming (PL1, FORTRAN)

Lifeguard certification

Wind Surfing Instructor in Italy

Black Belt in Karate

Dancing

Hang-gliding certificate

Personal

Born: November 15

Citizenship: American Citizen

Marital Status: Married

Hobbies: Tennis, Skiing, Wind Surfing, Karate, Playing Guitar, White water kayaking

Languages: Farsi, German and English