Sarver Heart Center

Working 30 Years Toward Heart Disease Prevention

1986 - 2016
First Leaders 1986-1991

Eugene Morkin, MD, PhD
Director, Cardiologist, Heart Muscle Scientist

Jack Copeland, MD
Associate Director, Cardiothoracic Surgeon
Developing the building plans

ABOR Approval July 10, 1986
Focus Area: Heart Transplantation

World’s First Successful Artificial Heart Bridge to Transplant Surgery
Gordon Ewy, MD, Cardiologist, Resuscitation Research Scientist

Director: 1991 - 2013
Focus Area: Congenital Heart Disease

Kathryn Reed, MD, OBGYN, uses ultrasound to detect heart birth defects, 1989
Focus Area: Congenital Heart Disease

Stanley Goldberg, MD, pediatric cardiologist leads study
Focus area: Congenital Heart Disease

UA chosen to test device in 1991
Focus area: Arrhythmias

Frank Marcus, MD, cardiologist credited with introducing radiofrequency energy for cardiac arrhythmia ablations
Construction
Hippocrates Plaza
Dedication

2001
Ribbon Cutting

Patients Carlos Ochoa and Joseph Thoman
Sarver Family at Dedication

2001
Leadership at Dedication

UA President Peter Likins, Dr. Jack Copeland, and UA College of Medicine Dean James Dalen
Faculty at Dedication

Karl Kern, MD, and Ron Hilwig, DVM
Showing off new lab space

Ray Runyan, PhD and Paul Krieg, PhD
“This building will be the ‘heart,’ but this will always be a ‘center without walls’ with physician scientists throughout the campus and the state.”
Basic scientists augmented the “center without walls.”
Focus Area: Resuscitation Research
Medical Research Building Opens 2006

Molecular Cardiovascular Research Program
Interim Director, 2013-2014

Carol Gregorio, PhD, now Vice Dean for Innovation and Development at UA College of Medicine - Tucson
CPR Education

#BearDown and Check, Call, Compress
Director 2014 - Present

Nancy K. Sweitzer, MD, PhD
Advanced Heart Disease Cardiologist
Molecular Cardiovascular Research Program

Carol Gregorio, PhD, leads community tour
Molecular Cardiovascular Research Program

Continuing advances in cellular regulation of the heart - 2015 and beyond
Focus Area: Advanced Heart Disease, Mechanical Circulatory Support, Pulmonary Hypertension and Heart Transplant

Jen Cook, MD, Rich Smith and Ed Betterton at AHA Science Sessions 2015
Focus Area: Sudden Cardiac Arrest and Resuscitation

**PEARL Study**

A Pilot Randomized Clinical Trial of Early Coronary Angiography Versus No Early Coronary Angiography for Post-Cardiac Arrest Patients Without ECG ST Segment Elevation

**PEARL** will study the difference between treatment options for a specific group of patients who have an out-of-hospital cardiac arrest (the heart suddenly stops beating).

**Option 1:** Standard Treatment plus an emergency heart catheterization to see if an artery may be diseased.

**Option 2:** Standard Treatment which means heart catheterization may be delayed, depending on the doctor’s judgment.

**Why could early heart catheterization help this group of patients?**

- 4 out of 10 people whose heart stops beating (cardiac arrest) outside of the hospital make it to the hospital alive.
- Of those four, only one will leave the hospital alive.
- It is unknown whether early discovery and treatment of a diseased artery will improve survival for these patients.

**Why are we conducting this survey?**

- This study falls under special FDA Guidelines – Exception from Informed Consent for Emergency Research.
- No condition is life threatening.

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University of Arizona Sarver Heart Center

**Study Team**

Dr. Karl Kern  
Principal Investigator

Dr. Kwan Lee  
Co-Investigator
Focus Area: Precision Cardiovascular Therapies

HELP BEAT HEART DISEASE!

Why is this study important?

IN THE UNITED STATES:

$320 BILLION per year is spent on treating heart disease

160 MILLION people have at least one known key risk factor for heart disease

800,000 PEOPLE die annually from heart disease

Become part of the Cardiac Biorepository!
Just 3 tablespoons of blood helps advance research.
Focus Area: Cardiovascular Health and Wellness

2016 and Beyond - Edna Silva, RN, Charles Katzenberg, MD, and Christy Wilson, RD
Focus Area: Health Disparities

Minority Outreach Coalition in Action - 2016 and Beyond
Working to ensure future generations will have the knowledge and care to prevent heart disease.

2016 and Beyond