

Dignity Health Research Institute

Dignity Health Heart and Vascular Institute

Cardiac Electrophysiology Research Program

Dignity Health Heart and Vascular Institute of Greater Sacramento is recognized throughout the United States for its commitment to exceptional cardiovascular care. An important part of that commitment includes ongoing leadership in the field of cardiovascular research.

The physicians and staff of Dignity Health are focused on identifying new technology, procedures and devices that will impact our patients, improving their symptoms, their prognosis and their quality of life.

About the Program

Dignity Health Heart and Vascular Institute's Cardiac Electrophysiology research program has participated in many of the landmark electrophysiology trials over the last 20 years. The program is led by world-renowned physicians and a dedicated research staff. This team actively participates in numerous National Institutes of Health studies and Industry Sponsored trials.

The mission of the Cardiac Electrophysiology research program is to support continued innovation in the field of electrophysiology with the goal of helping patients improve or resolve their condition. Clinical trials include studying the efficacy of new treatment for atrial fibrillation; new pacemaker technology; and ablation advances.

About Dignity Health Research Institute

At Dignity Health, we strongly believe in the benefits of clinical research and are committed to leading the way in the advancement and use of new and evolving technology and procedures. Our vast research program speaks to this commitment.

Dignity Health as a system offers more than 1,000 active clinical trials and research protocols to its patients in Arizona, California and Nevada.

Dignity Health Research Institute for California & Nevada provides centralized research administration infrastructure and support including contracting, budgeting, financial management and IRB oversight for the Mercy Medical Group Cardiology Clinic and all research sites across our California & Nevada markets.



Dignity Health Heart and Vascular Institute

For more information or to inquire about participation in an ongoing trial, please call 916.851.2283.

3941 J Street, Suite 350
Sacramento, CA

6401 Coyle Avenue
Carmichael, CA

1580 Creekside Drive, Suite 250
Folsom, CA

150 Catherine Way, Suite D
Grass Valley, CA

Dignity Health Research Institute California/Nevada

For more information about the Institute or other trials please call 916.851.2283 or email Research@DignityHealth.org.

About Our Investigators



Arash Aryana, MD, is a highly recognized and honored physician in the field of electrophysiology. He is a faculty instructor for epicardial mapping and ablation as well as for trans-septal catheterization. Dr. Aryana has published 29 abstracts and 45 articles in peer review.



P. Gearoid O'Neil, MD, has more than 30 years experience treating the most complex of electrophysiology cases. He is recognized as a pioneer in the field of electrophysiology.

Research Program Resources

In addition to the Principal Investigators listed, the research program includes two dedicated RN Research Coordinators; dedicated research office space; a secure research drug room and research lab for processing research lab specimens (including a refrigerator and bench top centrifuge).

Academia Affiliations

Dr. Arash Aryana: Associate Professor of Cardiology and Cardiac Electrophysiology, California North State University, College of Medicine

Current Active Clinical Trials

Dignity Health Heart and Vascular Institute's Cardiac Electrophysiology research program is typically engaged in a variety of current, active clinical trials, all with the goal of achieving improved care and treatment of electrophysiology conditions.

Among the topics regularly included in trials through the program are pacemaker technology; atrial fibrillation treatment techniques; ablation procedures; and cardiac pacing technology.

