

Cardiac Imaging Fellowship Program

University of California, San Diego

Policy and Procedures Manual

Revision Effective May 1, 2015

Anthony N. DeMaria, M.D.: Director, Cardiac Imaging Fellowship Program
Kate Greathouse: Fellowship Program Coordinator

Email addresses:

ademaria@ucsd.edu
kgreathouse@ucsd.edu

Mailing Address:

9444 Medical Center Drive, MC 7411
La Jolla, CA 92037-7411

1. **Definition of Program:** A 12-24 month program to provide an integrated training program in all current cardiovascular imaging procedures so that such universal expertise can exist in a single individual.

2. **Executive Committee:**

Anthony DeMaria, M.D.
ademaria@ucsd.edu Judith and Jack White Chair in Cardiology
Professor of Medicine
Founding Director, Sulpizio Cardiovascular Center
Director, Cardiac Imaging Fellowship Program

Daniel Blanchard, M.D.
dblanchard@ucsd.edu Professor of Medicine
Director, Cardiology Fellowship Program

Bruno Cotter, M.D.
bcotter@ucsd.edu Associate Professor of Medicine

Ajit Raisinghani, M.D.
araisinghani@ucsd.edu Professor of Medicine
Clinical Services Chief
Director, Noninvasive Lab

Joel Wilson, M.D.
Jrw003@ucsd.edu Assistant Professor of Medicine

Sharon Brouha, M.D.
sbrouha@ucsd.edu Assistant Clinical Professor of Radiology
Co-Director, Advanced Cardiac Imaging
Director, UCSD Radiology 3D Imaging Lab

Andrew Kahn, M.D.
akahn@ucsd.edu Associate Professor of Medicine

Carl Hoh, M.D.
ckhoh@ucsd.edu Associate Professor of Radiology
Chief, Nuclear Medicine
Chief, PET & PET/CT

Albert Hsiao, M.D., Ph.D.
a3hsiao@ucsd.edu Assistant Professor of Radiology
Associate Director of Cardiovascular Diseases Center
for Translational Imaging and Personalized Medicine

3. **Facilities and Resources Available to Cardiac Imaging Fellowship Program:**

Facilities available to the Cardiac Imaging Fellowship Program for patient care, education, training and research at UCSD Hillcrest, UCSD Thornton and Sulpizio Cardiovascular Center include dedicated Noninvasive Laboratories, Nuclear Medicine Laboratories, Cardiac MRI and CT Laboratories

Ambulatory Clinics, Research Laboratories. All performance sites also have additional Ancillary Personnel (e.g. secretary, nurses, technicians) and the ability to perform a full complement of imaging procedures. Imaging services delivered at each site will conform to the policies and procedures of the site at which care is being delivered and to the policies and procedures of the UCSD Cardiac Imaging Program.

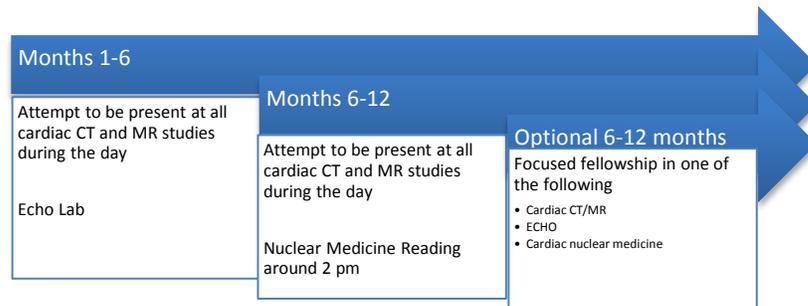
All fellows must ensure that they complete all necessary training for electronic medical record (EMR) and order entry systems at SCVC/Thornton (EPIC).

4. **Educational Goals:**

The educational goals of the program will be to have the trainees acquire the knowledge underlying the physics of imaging techniques, assess acquired diagnostic skills to properly interpret these studies clinically, and have the judgment to know which studies are best suited to answer which clinical questions. The educational goals will therefore include a clear understanding of the physics of ultrasound, x-ray, radionuclides, and magnetic resonance as applied to cardiac imaging techniques. In addition, the educational goal will include becoming proficient at interpreting echocardiograms, radionuclide studies, magnetic resonance imaging, and computed tomographic images of the heart and circulation. To this end, a weekly cardiac imaging conference will be implemented which will rotate on a weekly basis between the various cardiac imaging technologies included in the program. These conferences will include formal lectures on the physics and instrumentation of imaging technology, as well as case presentations and interpretation of cardiac images. Attached is a copy of the proposed conference schedule and topics to be covered.

5. **Schedule:**

Each evening, check the schedule for cases for the following day. Try to attend as many as possible.



6. **UCSD Cardiac Imaging Fellowship Conferences:**

| Time | Monday | Tuesday | Wednesday | Thursday | Friday |
|---------|---|----------------------------|-----------|-----------------|----------------------------|
| 6:30 am | TAVRS (monthly, optional) | | | | |
| 7:00am | Radiology Physics (attended by Radiology Residents) | | | | |
| 7:30 am | | Cardiology Fellows Conf | | | |
| 8:00 am | | | | | Cardiology Grand Rounds |
| 12 noon | Advanced Cardiac Imaging Conf (monthly) Alternates with: Cardiothoracic Imaging Conf (bimonthly) | | | | |
| 4:30 pm | | | | Cath Conference | |
| 5 pm | Nuclear Cardiology Physics Conf (biweekly) | | | | |

7. **On Call Policy:** This program will adhere to ACGME duty hour standards. This will be done by limiting working hours to Monday through Friday from 8:00 – 5:00 pm. On-call rotations will not exceed more than one every six nights, during which time an individual may in fact not be required to render any service.
8. **On Call Changes:** Any changes to the call schedule need to be given to Christe Miller (cam023@ucsd.edu; 7-8030). If a change is made after normal work hours, you need to contact the operator to enter the change.
9. **Evaluations:** Evaluations are to be submitted on a monthly basis. You will receive an email generated through the New innovations Residency Management Program notifying you that an evaluation needs to be completed.
10. **Absences:** Fellows are granted three weeks of vacation per year. Vacation requests must be submitted in writing or email to Dr. Anthony DeMaria and copied to Kate Greathouse.
11. **Procedure Logs:** it is the fellow's responsibility to keep a log of all procedures performed during this fellowship.
12. **Research:** It is anticipated that the scholarly activities to be undertaken will largely relate to the imaging procedures being studied. Once the trainee has identified a project and protocol, research time will be allotted based upon the needs assessed from a research proposal. Each of the Executive Committee members will be available to act as a mentor for scholarly activities for the fellows either individually or in conjunction with other faculty.