

Cardiology Medicine Fellowship



Medical Education Department

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The Cardiology Fellowship at Metro Health Hospital is affiliated with the Michigan State University College of Osteopathic Medicine’s Statewide Campus System. The trainers are all members of Metro Heart and Vascular. The program director will be Eric Walchak, D.O. The great majority of the fellowship training rotations will be at Metro Health Hospital under the supervision of Metro Heart and Vascular cardiologists. Outside rotations will be provided to augment the curriculum on an “as needed” basis.

This is a three-year fellowship program. The program is designed to teach clinical, invasive and noninvasive cardiology. The trainees are expected to develop expertise in left heart catheterization, right heart catheterization, cardiac biopsies, intra-aortic balloon pump placement, permanent pacing and cardiac electrophysiology. In addition there will be comprehensive training in noninvasive cardiology, which will include cardiac EKG analysis, echocardiography, transesophageal echocardiography, non-invasive peripheral vascular testing, stress testing including stress echo and nuclear stress testing. Trainees will also develop expertise in specific management of heart failure and have exposure to cardiac transplant patients.

An evidence-based approach to cardiology is emphasized which includes an understanding of critical pathways, guideline development, algorithms and national guidelines. There is emphasis on physical examination and bedside cardiology quality assessment and patient care. The trainee will also have the opportunity to learn appropriate coding guidelines and fully understand evaluation and management guidelines. There will be specific emphasis on the osteopathic structural examination and osteopathic manipulative therapy and its relationship to cardiovascular disease.

The cardiology fellow will participate in weekly cardiology lectures to the house staff and participate in the cardiology lecture program at Metro Health Hospital. The cardiology fellow will participate in all outside conferences as determined by the Program Director. The cardiology fellow will participate in Cardiology Journal Club and Cardiology Cath Conference.

Cardiology research is not only emphasized but is required in the cardiology fellowship. To become board eligible, the cardiology fellow must produce a research project which is of publishable quality. It is strongly recommended that a Cardiology fellow participate in an abstract presentation at the American College of Cardiology and/or the American Heart Association and submit a paper for publication.

Year 1	Year 2	Year 3
Teaching Service	Cardiac Cath	Testing Center
Cardiac Cath	Testing Center	Teaching Service
Testing Center	Teaching Service	Cardiac Cath
Teaching Service	Cardiac Cath	Testing Center
Cardiac Cath	Testing Center	Cardiac CT
Testing Center	Periph Vasc	Cardiac Cath
Teaching Service	CHF*	Testing Center
CHF	Teaching Service	Testing Center
Cardiac Cath	Testing Center	EPS
Pediatrics	EPS	Testing Center
Teaching Service	CHF/Transplant	Cardiac Cath
Testing Center	Teaching Service	Elective
Testing Center	Testing Center	Elective