

# DMC CARDIO VASCULAR SERVICE

## Innovative Therapies



### Mahir D. Elder, M.D.

Associate Clinical Chief of Cardiology –  
Ambulatory Service  
Associate Program Director of CT Angiogram  
Harper University Hospital –  
Detroit Medical Center – Division of  
Cardiology

Fellowship - Cardiology  
Harper University Hospital  
Wayne State University  
Detroit Medical Center

Fellowship - Interventional  
Cardiology  
Harper University Hospital  
Wayne State University  
Detroit Medical Center

Specialty Training - Endovascular  
Harper University Hospital  
Wayne State University  
Detroit Medical Center

A DMC  
**CARDIO TEAM ONE™**  
SPECIALIST

3990 John R • Detroit, MI 48201

I-75 at Mack  
One exit north of the stadiums

[DMC.org](http://DMC.org)

Dr. Elder is a DMC Cardio Team One heart specialist, part of a team dedicated to cutting heart attack response time in half.

Dr. Elder is board certified in Internal Medicine and specializes in interventional cardiology.

His clinical interests include:

- Cardiac Catheterization Procedures
- Coronary Interventions
- Peripheral Interventions
- Cardiovascular Computed Tomography (CCT) Angiogram
- Carotid Artery Stenting
- Nuclear Cardiology Studies
- Non-Invasive Stress Testing
- 2D Transthoracic, Transesophageal Echocardiograms (TEE)
- Inferior Vena Cava (IVC) Filters
- Patent Foramen Ovale (PFO) Closure
- Endovascular Procedures
- Deep Venous Thrombus (DVT)/ Venous Disease
- Pulmonary Embolism
- Limb Salvage

Fellowship trained in cardiology and interventional cardiology, Mahir D. Elder, M.D., has performed many diagnostic cardiac catheterizations as well as other interventions, including peripheral interventions.

He is experienced in the newest interventional modalities, including laser treatment, directional atherectomy of lower extremities, intravascular ultrasound (IVUS), fractional flow reserve (FFR), cutting balloons, angiojet, rotablation, and intra-aortic balloon pump.

Dr. Elder utilizes and interprets noninvasive tests such as Echos, TEE and stress testing.

As a researcher, he has been involved in clinical trials of pharmaceutical therapies as well as bench research. His work has been published in medical journals and presented at cardiology conferences.

Dr. Elder is a member of the Society for Cardiovascular Angiography and

Interventions; the Society of the American Society of Nuclear Cardiology; the American Society of Echocardiography; the American College of Cardiology, the American College of Physicians and the American Heart Association.

### A Leading Team

Part of the Detroit Medical Center and affiliated with Wayne State University School of Medicine, Harper University Hospital is a leader in cardiology research, training and patient care. That's why cardiologists from throughout Michigan refer their difficult cases to the experts at Harper.

At Harper University Hospital, specialists are available 24 hours a day, 7 days a week for acute cardiovascular needs. Heart specialists in Michigan know first hand about the skills and expertise at Harper. More than 60 percent of the cardiologists in Michigan received some or all of their training at Harper University Hospital.

The innovative thinking and innovative therapies at Harper lead to exceptional quality of care. Evidence of this can be found in Harper's superb performance on nationally recognized quality measures.

### New Cardiology Unit

A new, \$2.6 million cardiology unit opened at Harper University Hospital in January 2005. The 14,000-square-foot unit includes 15 patient rooms, including eight private rooms, four semi-private rooms, two observation rooms and one VIP suite. Electronic patient charting stations are built into the wall of every room, allowing physicians and nurses access to real time patient information. State-of-the-art portable telemetry units also provide easy access at patient bedsides. In addition, two nurses will be assigned to care for every patient in the observation rooms and every nurse has received Advanced Cardiac Life Support (ACLS) training.

### Contact Information

For a physician-to-physician consultation with Dr. Elder, please call 1-888-300-DOCS.  
For a patient appointment, please call the Harper Health Resource Center at 1-888-DMC-2500.

# DMC CARDIO VASCULAR SERVICE

## Innovative Therapies

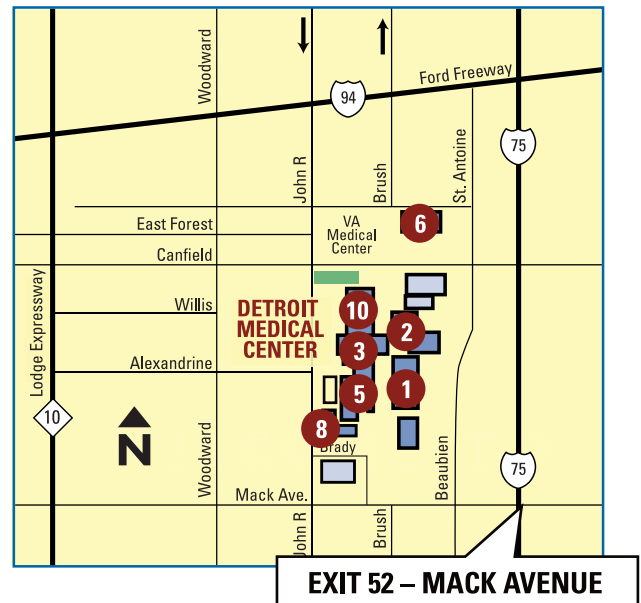
### Carotid Artery Stenting

Physicians at Harper University Hospital are training other doctors nationwide in a new, minimally invasive treatment to prevent stroke in patients with carotid artery disease. The new procedure - carotid artery stenting with embolic protection system - promises to give new hope to high-risk patients who might not be candidates for traditional surgery. The key to the new procedure is a tiny blood filter (embolic protection system) that collects plaque that might dislodge from the artery wall and cause a stroke. Harper University Hospital is home to one of only 20 centers in the United States authorized to train physicians in the new technique and the hospital are the only doctors in Michigan qualified to train other doctors in this new procedure.

### Therapeutic Heart and Vascular Catheterization

With one of Michigan's top three cardiac catheterization programs, Harper is an excellent choice for high-risk patients with complicated conditions. The expert physicians at Harper University Hospital specialize in minimally invasive, therapeutic heart and vascular catheterization procedures, including: percutaneous coronary interventions; percutaneous valve repair and replacement; structural heart repair; and peripheral vascular interventions.

Harper physicians are leaders in clinical research - helping to develop new techniques and devices that improve patient outcomes. And they also train doctors nationwide in the latest minimally invasive procedures.



### Closer than you think.

We're minutes off of I-75 in the heart of Detroit's Cultural Center, just a mile north of the Fox Theater and Comerica Park. We offer convenient valet service and an adjacent secure parking garage, making it easy to get here.

- 1 mile north of Comerica Park and the Fox Theatre, off Woodward
- 2 blocks east of the new Max Fisher Center
- 5 blocks south of the Detroit Institute of Arts and the Detroit Science Center
- Just west of Eastern Market at the I-75 and Mack exit
- 2 blocks east of Woodward and Warren, just off the Wayne State University Campus

 Visitor/Patient Parking

 Detroit Medical Center

1. Children's Hospital of Michigan
2. Detroit Receiving Hospital
3. Harper University Hospital
4. Huron Valley-Sinai Hospital (not shown)
5. Hutzel Women's Hospital
6. Kresge Eye Institute
7. DMC Surgery Hospital (not shown)
8. Rehabilitation Institute of Michigan
9. Sinai-Grace Hospital (not shown)
10. In Partnership: The Barbara Ann Karmanos Cancer Center

**Our Promise to Referring Physicians:** We'll provide advanced, specialty care to your patients, keep you updated on their condition and refer them back to you for ongoing care.