

# A legacy of advanced care.

The University of Rochester Medical Center has been on the leading edge of carotid artery disease treatment since 1960. Dr. Charles Rob, author of the first paper on a successful carotid artery disease surgery, was Chief of Surgery at URMC from 1960-1978. Our Division of Vascular Surgery helped to create and perfect treatments that are now used around the world. And in the last decade, our division helped to lead the development of carotid artery stenting. Today, the vascular surgeons at URMC continue to be the region's leaders in both open surgery and minimally invasive treatments for carotid artery disease.

## Leaders in the prevention and treatment of carotid artery disease.

- Our surgeons are highly experienced in both open and endovascular surgeries.
- We have the highest volumes in the region for carotid endarterectomies and carotid stenting.
- URMC was the first center in the region to offer carotid stents, having been a major participant in national carotid stenting clinical trials.
- The Division of Vascular Surgery provides a multidisciplinary approach, working closely with neurologists and neurosurgeons at URMC to offer the most appropriate care for each patient.
- We are a national leader in carotid artery surgery simulation, providing surgeons with the ability to rehearse cases prior to surgery for improved outcomes.



## Multidisciplinary care at URMC.

At URMC, vascular surgeons work closely with neurosurgeons in the treatment of intracranial carotid artery disease using thrombolysis and stenting. As a result, we are able to provide total care for blood vessels in both the neck and the head. Our new operating room will be the region's only intraoperative biplanar cerebral angiography suite for arch, carotid and cerebral interventions. This new technology will allow us to give patients the most advanced and comprehensive care available.

# Carotid Artery Disease

## Conditions we treat.

- Carotid artery stenosis
- Stroke
- Transient ischemic attack (TIA)
- Aortic arch disease
  - Aortic dissection
  - Aneurysms of the aorta
- Atherosclerosis
  - Of the carotid artery
  - Of the vertebral artery
  - Of the subclavian artery
  - Of the innominate artery
- Atherosclerosis
  - Carotid artery
  - Vertebral artery
  - Subclavian artery
  - Innominate artery
- Fibromuscular dysplasia of internal carotid artery
- Head and neck trauma
  - Carotid trauma
  - Vertebral artery trauma
  - Subclavian artery trauma
  - Innominate artery trauma
- Vertebral basilar insufficiency
  - Due to vertebral artery disease
  - Due to subclavian or innominate disease

## Treatments and diagnostics.

The Division of Vascular Surgery at URMC provides the most up-to-date diagnostics and procedures for the prevention and treatment of carotid artery disease.

- Carotid endarterectomy
- Carotid subclavian bypass
- Carotid angioplasty and stenting
- Carotid/vertebral artery transposition
- Aortic arch and carotid angiography
- Cerebral angiography
- Color flow duplex ultrasonography
  - Of the carotid artery
  - Of the vertebral artery

### One number for excellent care.

For more information on Carotid Artery Disease, or to set up an appointment, please call us today. With just one phone number for every heart and vascular need, we make getting the care you need simple:  
**call 585-275-2877**  
or visit us at [heart.urmc.edu](http://heart.urmc.edu).