

# Vascular and Interventional Radiology Services

## overview

Medical College of Wisconsin vascular and interventional radiologists perform a wide range of minimally invasive, image-guided procedures to diagnose and treat conditions throughout the body. Most procedures are performed on an outpatient basis, offering patients an alternative to surgery where appropriate for many conditions.

## image-guided cancer therapy

Medical College of Wisconsin vascular and interventional radiologists are nationally and internationally recognized for research, leading the way in clinical trials using various interventional therapies to treat cancer. Patients are discussed at weekly, disease-focused, multidisciplinary tumor boards and when appropriate, are offered additional treatment options through clinical trials that include the latest multimodality treatment regimens. Below are highlights of treatments we offer for specific cancers in Vascular and Interventional Radiology:

- Endovascular and percutaneous treatment of primary and metastatic liver tumors
  - Chemoembolization, including use of drug-eluting beads
  - Radioembolization, using Therasphere® and Sirsphere®
  - Portal vein embolization
- Percutaneous radiofrequency ablation for liver and lung tumors
- Percutaneous microwave ablation for liver and lung tumors
- Percutaneous cryoablation for liver, lung, kidney or bone tumors

## treatment of vascular disease

Below are highlights of treatments we offer for vascular disease in Vascular and Interventional Radiology:

- Atherosclerosis/peripheral vascular disease: treat blockages in legs, kidneys, intestinal and carotid arteries with techniques such as angioplasty and stent placement.
- Aortic aneurysm repair: minimally invasive placement of a stent in the thoracic and abdominal aorta
- Varicose veins: sclerotherapy, microphlebectomy, laser ablation
- Venous thromboembolic disease: treatment of acute and chronic DVT and their sequelae
- Diagnosis and treatment of vascular malformations
- Management of HHT ( Osler-Weber-Rendu syndrome)

## interventions for musculoskeletal disease

Below are highlights of treatments we offer for musculoskeletal disease in Vascular and Interventional Radiology:

- Vertebroplasty and kyphoplasty: treatment of osteoporotic and malignancy related fractures of the spine
- Sacroplasty and osteoplasty: treatment of insufficiency fractures of the sacrum and pelvis
- Ablation of primary metastatic bone tumors for local control and palliation

*(continued on back)*

## additional interventions

Medical College of Wisconsin vascular and interventional radiologists offer additional interventions for other diseases and disorders, including:

- Opening and stenting blocked bile ducts and ureters
- Uterine fibroid embolization
- Dialysis access maintenance
- Vascular access device placement
- TIPS and management of portal hypertension

## Medical College of Wisconsin Vascular and Interventional Radiology Team

Our full-time vascular and interventional radiologists work with referring physicians and other Medical College of Wisconsin specialists in multidisciplinary care teams to determine the most appropriate treatment options.

Robert A. Hieb, MD, RVT

Eric J. Hohenwarter, MD

Parag J. Patel, MD

William S. Rilling, MD, FSIR

Sean M. Tutton, MD, FSIR

Sarah B. White, MD

*Medical College of Wisconsin vascular and interventional radiologists have been awarded American Board of Radiology certificates of added qualification.*

## we work with you

Our physicians and staff work closely with referring physicians to coordinate treatment, as well as follow-up care. Consultations are available.

## contact us

To refer a patient, please call **414-805-3666** or **800-272-3666**. For transfers or physician-to-physician phone consultations, please call **414-805-4700** or **877-804-4700**. You can also learn more about Vascular and Interventional Radiology at [froedtert.com](http://froedtert.com).