Interventional Radiology  
Department of Radiology

Interventional Radiology has become an integral part of comprehensive patient care, providing less invasive techniques for the diagnosis and treatment of a range of health problems. This rapidly evolving field includes innovative and therapeutic treatment options for:

- Peripheral Artery Disease
- Liver, Kidney and Other Tumors (Benign and Malignant)
- Painful Bone Metastasis - Cryoablation
- Deep Vein Thrombosis
- Uterine Fibroids
- Varicoceles and Male Infertility
- Multiple Sclerosis (CCSVI: Chronic Cerebrospinal Venous Insufficiency)
- Pelvic Congestion Syndrome
- Biliary Disease
- Urologic Disease
- End-Stage Renal Disease requiring Hemodialysis or Peritoneal Dialysis
- Swallowing Disorders (Gastrostomy and Gastrojejunostomy)
- Pulmonary Arteriovenous Malformations
- Osteoporosis
- Back Pain
- Pulmonary Thromboembolism
- Abscesses and Other Collections

UAB Interventional Radiology offers a full spectrum of procedures, often performed on an outpatient basis. These procedures include:

- CT Angiography, Angioplasty and Stenting
- Transarterial Chemoembolization (TACE)
- Radioembolization of Liver Tumors
- Ablation of Kidney and Liver Tumors
- Ablation of Spine and Bone Tumors
- Biliary Interventions including PTC, PTD, Plastic Stents and Stone Removal
- Central Venous Access Catheter Placement and Management
- Dialysis-related Interventions including Fistulogram and Declot of Dialysis Graft
- Gastrostomy and Gastrojejunostomy
- Inferior Vena Cava Filter Placement and Removal
- Spine Augmentations including Vertebroplasty and Kyphoplasty
- Percutaneous Disc Ablation
- Facet Blocks
- Urologic Interventions including Nephrostomy, Nephroureterostomy and Ureteral Stent Placement and Retrieval
- Percutaneous Abscess Drainage
- Arterial and Venous Thrombolysis
- Transjugular Intrahepatic Portosystemic Shunts (TIPS)
- Embolization of Upper and Lower Gastrointestinal Bleeds
- Uterine Fibroid Embolization
- Ovarian Vein and Varicocele Embolization
- Celia Plexus Block

Our Specialists

Ahmed Kamel Abdel Aal, MD, PhD  
Chief, Vascular & Interventional Radiology  
Co-Medical Director, Heart & Vascular Center  
Expertise: Oncologic Interventions, Arterial Interventions, Spine Interventions, DVT Management and Varicocele Embolization

David Bolus, MD  
Professor, Radiology  
Expertise: Microwave ablation, Radiofrequency Ablation, Cryoablation, Irreversible Electroporation and Intra-operative Ultrasound

Nathan Ertel, MD  
Assistant Professor, Radiology  
Expertise: Oncologic Interventions (Chemoembolization, Radioembolization and Ablation), Hepatobiliary Procedures, TIPS and Thoracic Duct Embolization

AJ Gunn, MD  
Assistant Professor, Radiology  
Expertise: Oncologic Interventions (Chemoembolization, Radioembolization and Ablation), Inferior Vena Cava Filter Retrieval, Uterine Fibroid Embolization, Deep Venous Thrombosis and Pulmonary Embolism

Rachel F. Oser, MD  
Associate Professor, Radiology  
Program Director, Vascular & Interventional Radiology Residency  
Expertise: Biliary Interventions, Women’s Health and Uterine Fibroid Embolization

Souheil Saddekni, MD, FSIR, FAHA  
Professor, Radiology and Medicine  
Expertise: Liver and Biliary Interventions, Tumor Chemoembolization and Radioembolization, TIPS, AVMs, Varicoceles, Angioplasty/stents and IR Techniques

Edgar S. Underwood, MD  
Associate Professor, Radiology  
Expertise: Vertebroplasty, Kyphoplasty, Cryoablation and Microwave Ablation

For Referring Physicians

For consultations or referrals, please call UAB MIST at 1.800.UAB.MIST or 1.800.822.6478 to be connected with Interventional Radiology. Interventional Radiology is located on the 3rd Floor of The Kirklin Clinic of UAB Hospital and the 6th Floor of UAB Hospital’s North Pavilion in the Heart and Vascular Center, at 1802 6th Avenue South, Birmingham, AL 35233.

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