



Interventional Radiology

What is interventional radiology?

Interventional radiology is a unique blend of imaging and surgery. Before interventional radiology, a condition that was surgically treated would take hours to complete and days of recovery in the hospital. With interventional radiology technology, treatments can be done in minutes and the patient can return home within hours of the procedure.

Interventional radiology uses imaging equipment such as ultrasound, CT scans, and live X-ray to diagnose and treat everything from poor circulation in the legs to broken bones in the spine. Our team works with patients' primary care or referring physicians or providers to see that every patient receives exceptional care.

Interventional radiology (IR) can help in the following areas:

- o Pain management
 - Back and neck
 - Leg pain
 - Painful shingles
 - Compression fractures of the spine
- o Vascular imaging and procedures
 - Angioplasty and stent placement
 - Dialysis access
- o Cancer treatment options
 - Ports
 - Biopsies
 - Ascites and pleural fluid management
 - Tumor embolization (blocking the blood supply)
- o Painful uterine fibroids (offering alternatives to a hysterectomy)
- o Pelvic congestion



For a more complete list of treatment options, see reverse side.

Vascular Imaging and Procedures

- o Angiography
 - Renal/Visceral
 - Aorta
 - Upper and lower extremities
 - Carotid and cerebral
- o Dialysis management of fistulas and shunts
- o Venography
- o Angioplasty and stent placement
- o Aortic aneurysm repair
- o IVC filter placement and retrieval
- o Transjugular Intrahepatic Portosystemic Shunt (TIPS)
- o Thrombolysis and Thrombectomy
- o Embolization for:
 - Uterine fibroids
 - Pelvic congestion
 - Varicoceles (male infertility)
 - Tumors with chemotherapy
 - Epistaxis
 - Spinal tumors
 - Pseudoaneurysms

Pain Management

- o Kyphoplasty/Vertebroplasty
- o Back injections
 - Facet injection
 - SI joint injection
 - Hips, knees, and shoulders injections
 - Transforaminal Epi injections
 - Translaminar Epi injections
 - Celiac plexus
- o Neurolysis and nerve blocks
 - Stellate ganglion nerve block
 - Occipital nerve block

Drains/Tubes

- o Chest tube insertion
- o Paracentesis
- o Thoracentesis
- o Tunneled pleural/peritoneal catheters
- o Nephrostomy tube placement
- o Ureteral stent placement
- o Cholecystostomy tube
- o Gastrostomy tube
- o Abscess drain
- o Biliary drain and stent placement

Biopsies (FNA or Core)

Biopsies by IR can be performed on nearly every organ or system, but the most commonly performed are:

- o Lung
- o Liver
- o Renal
- o Thyroid

PICC and Central Line placements

- o Central Venous (CV) cath
- o Dialysis tunneled CVC
- o PICC line
- o Port placements

Misc Imaging/Procedures

- o Cholangiogram
- o Myelogram
- o Arthrogram
- o CT and MRI arthrograms
- o Foreign Body Removal
- o Lumbar punctures
- o Cyst aspiration
- o Cyst sclerosing

To make a referral or for more information, call Interventional Radiology at 308-630-2588.

