



APPOINTMENT SCHEDULING

- Inova Alexandria Hospital 703.504.7950
- Inova Mount Vernon Hospital 703.664.7462
- Potomac Hospital 703.670.1771

INTERVENTIONAL RADIOLOGY SERVICES

Reduced Risk. Reduced Pain. Reduced Recovery Time.

Many conditions that once required surgical intervention can now be treated with minimally invasive alternatives performed by an interventional radiologist. Typically, interventional radiology procedures can be performed on an outpatient basis with minimized risk, pain and recovery time.

General Vascular Conditions		
Condition	Assessment	Intervention
Arterial <ul style="list-style-type: none"> ■ AAA ■ Acute Arterial Thrombosis ■ AV malformation ■ Refractory HTN, renal artery stenosis/FMD ■ Splenic Artery Aneurysm 	Arterial Duplex (abdominal, arterial, venous, renal), PVR, CT/CTA, MR/MRA	<ul style="list-style-type: none"> ■ Endovascular Aneurysm Repair ■ Angiography ± catheter directed thrombolysis and PTA/stent ■ Angiography with embolization ■ Angiography with renal artery revascularization
Peripheral Arterial Disease (PAD)	Arterial duplex, PVR ± MRA or CTA	Angioplasty, thrombolysis, stent
Stroke/TIA (acute or remote)	Carotid duplex, CT, MRI/MRA	Angiography with PTA/stent, thrombectomy or catheter directed thrombolysis
Vascular Access	Venous duplex (if history of vascular disease)	Chest port, PICC line insertion, Groshong/Hohn catheter (power devices available for contrast injection)
Venous <ul style="list-style-type: none"> ■ DVT, May-Thurner syndrome ■ Varicose veins/venous insufficiency 	Venous duplex/mapping	<ul style="list-style-type: none"> ■ Venography ± thrombolysis, iliac PTA/stent, IVC filter placement ■ Vein ablation ± microphlebectomy sclerotherapy

Gastroenterology Conditions		
Condition	Assessment	Intervention
Nutritional Support	—	Gastrostomy/Gastrojejunostomy Tube Placement
Post prandial pain, mesenteric ischemia	Abdominal arterial duplex	Mesenteric angiography with angioplasty/ stent
Ascites (recurrent/malignant)	Abdominal ultrasound	Paracentesis, TIPS
Jaundice, dilated ducts, extrahepatic biliary obstruction	HIDA, CT abdomen	Percutaneous transhepatic cholangiogram (PTC), biliary drainage/stent

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Genitourinary Conditions

Condition	Assessment	Intervention
Pelvic Congestion Syndrome	Transvaginal ultrasound, venous duplex, MRI/MRV	Ovarian vein embolization
Fallopian tube occlusion with infertility	HSG	Fallopian tubal recanalization
Renal calculi, obstructive uropathy, hydronephrosis	Renal ultrasound, CT abdomen/pelvis	Percutaneous nephrostomy tube placement, ureteral stent
Uterine fibroids	Transvaginal ultrasound, MRI	Uterine fibroid embolization
Varicocele (symptomatic or infertility)	Scrotal ultrasound	Spermatic vein embolization

Interventional Oncology Conditions

Condition	Assessment	Intervention
Hepatocellular carcinoma, carcinoid, liver metastasis (secondary to colon cancer)	CT, MRI	Hepatic chemoembolization, SIR-sphere embolization, tumor ablation
Lymphoma with CNS component	Lumbar puncture ± MRI	Intrathecal chemotherapy injection
Malignant lung tumor (nonsurgical candidate)	CT, MRI	Cryoablation, radiofrequency ablation
Renal cell carcinoma	CT, MRI	Cryoablation, radiofrequency ablation
Painful bony metastases	CT, MRI	Cryoablation, radiofrequency ablation ± percutaneous cement augmentation
Pleural effusion	CXR, CT chest	Diagnostic/therapeutic thoracentesis, chest tube placement ± pleurodesis or tunneled chest tube placement
Abnormal masses	Ultrasound, CT, MRI	US, Fluoroscopic or CT guided needle biopsy, tissue/vertebral biopsy
Malignant vertebral body tumor	CT, MRI	Vertebroplasty/Kyphoplasty

Nephrology Conditions

Condition	Assessment	Intervention
Nephropathy	Renal ultrasound	Renal biopsy
Dialysis/fistula maintenance	Fistulagram	Angioplasty, thrombolysis, thrombectomy, stent placement
Vascular access for hemodialysis	Ultrasound vascular mapping	Dialysis catheter placement

Pain Conditions

Condition	Assessment	Intervention
Arthropathy	MRI	Joint/facet injection, sacroiliac joint injection
Muscle/nerve pain	± MRI per clinical history	Nerve block/trigger joint injections
Chronic back/radicular pain	MRI	Epidural injection
Vertebral body compression fracture	MRI spine	Vertebroplasty/Kyphoplasty
Abdominal/back pain from chronic pancreatitis or pancreatic cancer	CT, MRI	Celiac plexus block, neurolysis
Cervical/lumbar disc disease	CT, MRI	Provocative discography
Sacral insufficiency fracture	CT, MRI	Sacroplasty