

INTERVENTIONAL RADIOLOGY SERVICES

Angiography

Peripheral – Renal, Extremities, Aorta
Cerebral • Visceral • Carotid

Angioplasty

Arthrograms – Musculoskeletal

Atherectomy

Ablation

Radiofrequency

Biopsy – all modalities

Breast – Stereotactic

Embolization

Utrine artery • AVM

Arterial or Venous hemorrhage

Pelvic congestion syndrome or varicocele

Genito-Urinary and Gastro-Intestinal Interventions

Hysterosalpingograms

Intra-arterial Infusion

Kyphoplasty & Vertebroplasty

Myelography

Nephrostomy and Ureteral

Stent Placement

Pain Management

Epidural steroid injections • Nerve blocks

Portocaths

Pleurex catheters

PICC and Central Lines

Stent Placement

Peripheral • Visceral • Venous • Carotid

Transjugular liver biopsy

Thrombolysis/Thrombectomy

Peripheral • Venous • Visceral • Cerebral

Partner with our Interventional Radiology team to offer your patients the latest, first-line care for diagnosis and treatment. Using the latest technology coupled with the talented board-certified radiologists, HRMC and VVMC can now offer these minimally invasive – and often lifesaving – procedures right here in Western Arizona. HRMC and VVMC are leading the way in using interventional radiology for the earliest and most accurate diagnoses as well as for highly targeted treatments which dramatically reduce risk, pain, and recovery times over traditional surgeries.

Our Interventional Radiology team adds to its expertise, bringing you multimodality state-of-the-art imaging and diagnostic expertise, extraordinary clinical experience across specialties, and extensive knowledge of the least invasive treatments. We can provide you with clinical patient management as well as assistance with surgical referral or other care if needed. Our mission is to assist referring physicians in providing their patients with accurate information and effective treatments in the most noninvasive way possible.

CT & Ultrasound-Guided Intervention

Using CT and ultrasound, our interventional radiology team can offer less risky, less invasive options to conventional surgery – reducing pain and recovery times. The use of CT or ultrasound greatly enhances accuracy, enabling HRMC and VVMC's interventional radiology team to offer such innovative options as:

Non-surgical radiofrequency ablation of tumors to kill cancer without harming surrounding tissue

Embolization therapy to stop hemorrhaging or block the blood supply to a tumor

CT-guided biopsies

CT or ultrasound-guided drainage of fluid collection or abscesses

CT-guided therapies for facet block pain management and selective nerve route blocking

CT-guided spine interventions

US guided thrombin injection for treatment of pseudoaneurysms

US guided thyroid biopsy

Consult with our interventional radiology team to see if CT or ultrasound-guided intervention may be a viable option for your patients.

Our Expertise

Partner with HRMC's and VVMC's interventional radiology team and benefit from the expertise earned through decades of training and experience. Our department is led by Dr. Bobby Shah, an interventional radiologist who completed a Fellowship in Vascular/Interventional Radiology. He is committed to patient care, personally reviewing all imaging modalities and exams.

Our mission and facilities have attracted a team of board certified radiologists with fellowships in the areas of Musculoskeletal Imaging and Neuro-radiology, among others. At HRMC and VVMC we're dedicated to investigating all emerging techniques and treatments. Be sure to check with our interventional radiology team about new options that may have been recently introduced at HRMC and VVMC.

Add our expertise to your practice and provide patients with first-line care using the most precise and non-invasive medical procedures.

We encourage you to schedule a visit to our facility and to add your name to our referral network to be included in periodic education events.

For more information, you may contact:

Havasu Regional Medical Center

928-855-8185 main phone

HRMC Diagnostic Image Scheduling

928-453-0692 telephone

928-505-5778 fax

HAVASU REGIONAL MEDICAL CENTER

101 CIVIC CENTER LANE • LHC, AZ 86403

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Valley View Medical Center

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INTERVENTIONAL RADIOLOGY SERVICES

FOR EARLY ACCURATE DIAGNOSIS


FOR MINIMALLY INVASIVE HIGHLY TARGETED TREATMENT

partner WITH

HAVASU REGIONAL MEDICAL CENTER

and

VALLEY VIEW MEDICAL CENTER



While keeping at the forefront of all emerging technologies, HRMC and VVMC specialize in the following services:

Diagnosis of Abdominal Aortic Aneurysms

Our advanced interventional radiology team can assist you in diagnosing abdominal aortic aneurysms. These dangerous aneurysms are on the rise, increasing threefold over the last 30 years. In fact, up to eight percent of people over the age of 65 may be affected by abdominal aortic aneurysms.

Yet early detection and therapy can reduce the risk for deadly ruptures. HRMC and VVMC's Interventional Radiology team is skilled at detecting and diagnosing these aneurysms at the earliest stage and providing referring physicians with the best guidance in outlining treatment options. Our mastery of these techniques means that patients can benefit from the most advanced diagnosis and treatment without leaving Western Arizona.

Uterine Fibroid Embolization

Now you can offer your patients a minimally invasive option to hysterectomy and myomectomy surgery – with less risk, less pain and less recovery time. Using real-time imaging, a catheter is advanced to the uterine artery and tiny particles are injected to block the blood flow to the fibroid, causing it to shrink and die, and symptoms to subside. Since there is no open surgery, most patients are discharged within 24 hours and return to normal activities in 7 to 10 days. Embolization has been used to treat fibroid tumors since 1995, is covered by insurance, and is widely available.

Partner with our interventional radiology team to assist you in your diagnoses and treatment. We can follow up ultrasound screening with a more detailed MRI to provide an accurate picture revealing any underlying diseases and imaging all fibroids present. From there, we can assist in confirming the diagnosis, determining if a fibroid can be embolized, and identifying the best treatment options.

Angiography and Arterial Intervention

The latest in technology enables HRMC and VVMC's interventional radiology team to visualize and diagnose vascular disorders, working with the referring physician to tailor a treatment plan for each individual patient. Our expertise includes:

All types of angiography, including peripheral, cerebral, and visceral

Angioplasty

Stent placement to open blocked or narrowed blood vessels, including peripheral, visceral, venous, or carotid

CT or ultrasound-guided drainage of fluid collection or abscesses

Catheter-directed thrombolysis to clear blood clots, preventing disability from deep vein thrombosis and stroke

Embolization

Other catheter-directed therapies

Consult with HRMC and VVMC's interventional radiology team to see if CT or ultrasound-guided intervention may be a viable option for your patients.

Venous Access and Venous Intervention

Tunneled catheters

Peripherally inserted catheters (PICC lines or long lines)

Subcutaneous ports (chemotherapy and non-chemotherapy uses)

Central lines

These non-surgical procedures are performed comfortably in both inpatient and outpatient settings, providing a simple, pain-free way for medical professionals to draw blood or give medication and nutrients. All of these procedures are done using ultrasound guidance which enables the interventional radiologist to precisely access the targeted vessel. This minimizes the need for multiple punctures, reducing the risk for infection and enhancing patient comfort.

Genito-Urinary and Gastro-Intestinal Interventions

Interventional radiology offers new solutions in the diagnosis and treatment of a wide variety of genitor-urinary and gastro-intestinal conditions. Our interventional radiology team is highly experienced in:

Gastrostomy

Gastrojejunostomy

Nephrostomy

Urethral stents

Percutaneous access for nephrolithotripsy

Renal artery embolization prior to tumor resection

Percutaneous transhepatic cholangiogram and drainage of biliary obstruction

Mesenteric angiography and gastrointestinal bleeding embolization

Dialysis Management

Interventional radiology is playing an important role in dialysis management for many patients, particularly with the advent of hemodialysis catheters. Our skilled radiologists have refined access techniques and access sites to improve outcomes associated with hemodialysis catheters. HRMC and VVMC's expertise includes:

Placement of temporary and long-term hemodialysis catheters

Venous mapping of extremities for creation of arterial venous fistula and grafts

Repair and revascularization of clotted or poorly functioning arterial venous fistula and grafts.

Neuro Angiography and Neuro Intervention

New advances in neuro angiography help to enhance decision-making during interventional procedures for a variety of conditions. Our interventional radiology team offers such specialized procedures as:

External carotid artery embolization

Stroke management with intra cranial thrombolysis

Cerebral angiography

Carotid and vertebral artery stenting

Spine Interventions

HRMC and VVMC's interventional radiology team offers specialized spine procedures to help diagnose problems that contribute to back pain and help deal with the effects of back pain. Such procedures include:

Discograms • Myelograms • Spinal tap

Kyphoplasty • Vertebroplasty

Spine pain management, including epidurals, facet blocks, selective nerve route blocks and other highly specialized spine intervention procedures that can be performed in conjunction with or in place of spine surgery

Non-invasive Vascular Imaging

Interventional radiology offers a variety of non-invasive modalities for vascular imaging, including:

Ultrasound

Arterial and venous duplex

CT angiography

MR angiography

Breast Intervention

Our interventional radiology team offers specialized procedures to help diagnose breast disease and offer image guided biopsies to obtain tissue diagnosis. Such procedures include:

Vacuum Assisted Ultrasound guided breast biopsies

MRI guided biopsies (coming soon)

Diagnostic Breast MRI

Stereotactic breast biopsy

Digital mammography