

THIS ISSUE

NEW TECHNOLOGY

- Vascular diagnosis and treatment

CLINICAL DISCUSSION

- Ordering guidelines: Imaging of the abdomen and pelvis

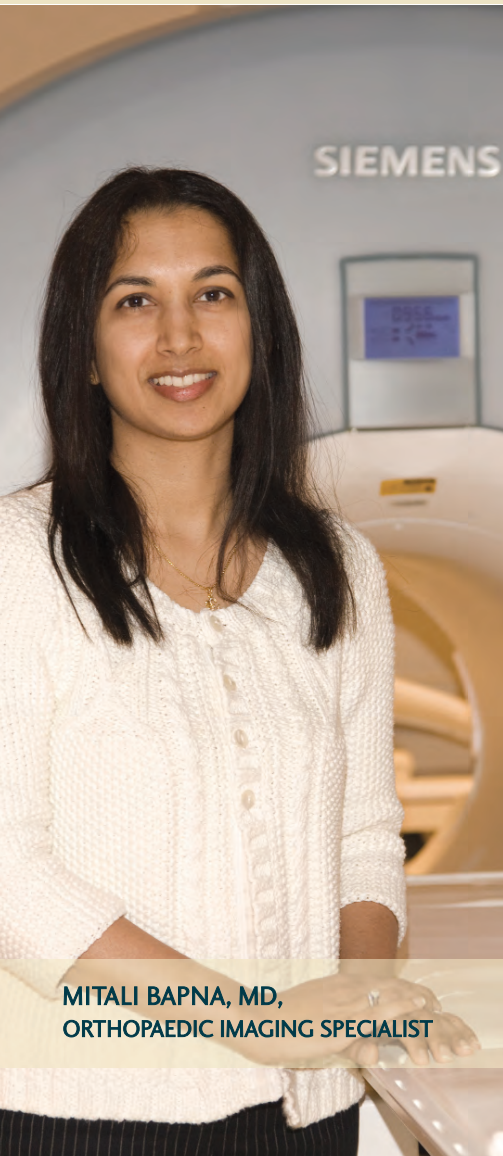
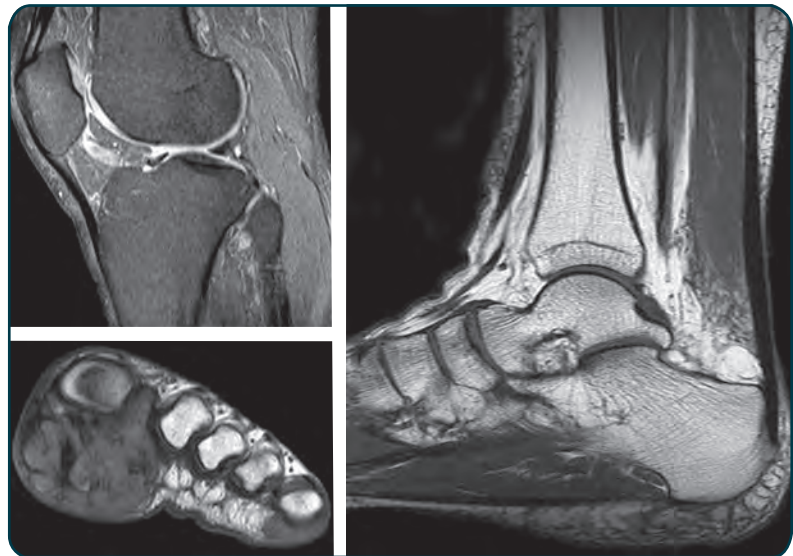
ANSWER TO DX FILES

- (from back page)

ORTHOPAEDIC IMAGING AT AAR

Specialized Physicians

Orthopaedic imaging is a highly specialized area of radiology focused on evaluation of pathology related to bones, joints, muscles and soft tissue. Under the direction of Mitali Bapna, MD, AAR offers a comprehensive range of musculoskeletal imaging services, including, arthrography, CT, MRI and X-ray. Dr. Bapna received her medical degree from Harvard Medical School and completed a fellowship in musculoskeletal radiology from Brigham and Women's Hospital.



MITALI BAPNA, MD,
ORTHOPAEDIC IMAGING SPECIALIST

NEW CORPORATE LOCATION

Our administrative operations have moved to a new location. Please note our change of address.

Association of Alexandria Radiologists, PC

8001 Forbes Place, Suite 103

Springfield, VA 22151

P: 703.824.3200

F: 703.321.3300

NEW TECHNOLOGY

VASCULAR ULTRASOUND available at AAR Imaging Centers

Vascular ultrasound services are available at our AAR Alexandria and AAR Woodbridge Imaging Centers. Using duplex ultrasound our skilled technologists and radiologists can evaluate patients for deep vein thrombosis (DVT), abdominal aortic aneurysm (AAA), and carotid occlusive disease.

Patients with a positive diagnosis can be referred to one of our Interventional Radiologists for a consultation on minimally invasive treatment options.

VASCULAR ULTRASOUND EXAMS

- Venous Doppler
- Carotid Doppler
- AAA ultrasound screening

Appointment Scheduling: 703.824.3260



Endovascular stent-graft within abdominal aorta for treatment of AAA

AAReminders

- Appointment Scheduling:
703-824-3260
Pre-certification Assistance:
703.824.3227
- alexandriaradiology.com
Exam information
Preparation instructions
Registration forms
Physician Information (re-order
referral pads, log into PACS)
Contact Us
- MDfeedback@
alexandriaradiology.com
Your feedback is important!
- Woodbridge X-ray Center is
CLOSED. Patients may be
referred to our Woodbridge
Imaging Center at 4001 Prince
William Parkway. X-ray exams
do not require an appointment.

VASCULAR TREATMENT OPTIONS available through the Department of Interventional Radiology

DVT: Ultrasound assisted thrombolysis,
iliac PTA/stent, IVC filter placement

AAA: Endovascular Aneurysm Repair

Carotid Occlusive

Disease: Angiography with PTA/stent

TO SCHEDULE A CONSULTATION:

Inova Alexandria Hospital
703.504.7950

Inova Mount Vernon Hospital
703.664.7175

Potomac Hospital
703.670.1771

ANSWER TO dX FILES (from back page)

The patient was diagnosed with **SLAP lesion**. A SLAP tear stands for Superior Labrum, Anterior to Posterior. It was first described by Snyder in 1990. Superior labral tears can occur when a patient falls onto an outstretched hand or shoulder. They may also occur in association with rotator cuff tendonitis and tears. Oftentimes, however, the exact cause of the superior labral tear is not known. This injury has become recognized as an important cause of shoulder disability.

CLINICAL DISCUSSION

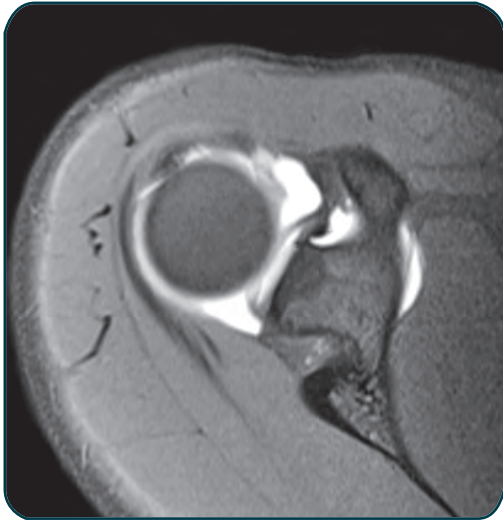
CLINICAL ORDERING GUIDELINES: IMAGING OF THE ABDOMEN AND PELVIS

CT vs. MRI and contrast guidelines

Indication	Preferred Study	Contrast	Comments
Adrenal gland evaluation	CT Abdomen or MRI Abdomen	CT: Oral and IV with and without MRI: without	Contrast required for masses that do not meet benign criteria on pre-contrast images
Aorta	MRA or CTA	IV for evaluation of dissection/branch vessels None for evaluation of aneurysm size	3D reconstruction required for CT
Appendicitis Diverticulitis	CT Abdomen/Pelvis	Oral and IV	IV contrast increases sensitivity and specificity
Cancer	CT Abdomen/Pelvis (+/- Chest CT)	Oral and IV	-----
Focal organ pathology *Specify organ of concern	CT Abdomen (+/- Pelvis)	Varies with organ	-----
Non-focal pain	CT Abdomen/Pelvis	Oral, IV for solid organ disease	No contrast for kidney stone evaluation
Painful hematuria, kidney stone evaluation	CT Abdomen/Pelvis	None	If negative, consider f/u CT abd/pelvis with contrast to r/o tumor
Painless hematuria	CT Abdomen/Pelvis	IV with and without	-----
Pelvic symptoms	MRI for uterus and adnexa and prostate evaluation	IV with and without (IV with for prostate cancer staging)	-----
	CT for bowel pathology or pelvic pain if symptoms are confined to lower quadrant	Oral and IV	If symptoms are confined to upper quadrant, then order CT Abdomen
Renal mass	CT Abdomen (+/- MRI if CT is indeterminate)	IV with and without	Useful for indeterminate cysts and lesions on US

alexandriaradiology.com

Download these guidelines on our Physician Resources page
 Find location and scheduling information



dX FILES

MRI arthrogram showing extension of contrast underneath a displaced superior glenoid labrum from anterior to posterior. **You be the radiologist.**

What's your diagnosis? *See inside for the answer!*



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A CLEAR VISION FOR BETTER PATIENT CARE