

LARS DIAGNOSTIC ULTRASOUND CONFERENCE

August 1 – 2, 2020

SATURDAY, AUGUST 1		
TIME	FOCUS	LECTURE
8:00 – 8:45 AM	GYN	Pregnancy-Related Cases in the Emergency Room with Other Imaging Correlation
		Objectives:
		<ul style="list-style-type: none"> To recognize critical imaging findings in the pregnant patient presenting at the ER To identify emergent complications unique to the pregnant patient To determine the best imaging tool for the suspected diagnosis
		Faculty: Teresita L Angtuaco, MD, FACR, FAMM, FSRU, FAAWR, Professor of Radiology, Obstetrics and Gynecology at the University of Arkansas for Medical Sciences
8:50 – 9:35 AM	GYN	Problem Solving in Gynecology
		Objectives:
		<ul style="list-style-type: none"> Discuss common gynecologic pathologies seen in emergency setting Distinguish arteriovenous malformation from retained products Describe findings associated with enhanced myometrial vascularity
		Faculty: John S. Pellerito, MD, Vice Chairman, Dept. of Radiology, Northwell Health; Professor of Radiology, Zucker School of Medicine at Hofstra/Northwell
9:35 – 9:50 AM		BREAK
9:50 – 10:20 AM	GYN	Fibroids: MRI Correlation and Treatment Implications
		Objectives:
		<ul style="list-style-type: none"> Understand the fibroid FIGO classification system Review MRI appearance of various fibroid types and treatment implications Review mimics of fibroids on ultrasound
		Faculty: Simin Bahrami, MD, UCLA
10:25 – 11:10 AM	GYN	Life Cycle Changes of the Uterus and Ovaries: A Review
		Objectives:
		<ul style="list-style-type: none"> To review the ultrasound findings in the uterus and ovaries during normal menses To contrast the appearance of the uterus and ovaries at different life stages To discuss findings in common pelvic diseases unique to different ages
		Faculty: Teresita L Angtuaco, MD, FACR, FAMM, FSRU, FAAWR, Professor of Radiology, Obstetrics and Gynecology at the University of Arkansas for Medical Sciences
11:15 – 11:45 AM	Vascular	Vascular Emergencies
		Objectives:
		<ul style="list-style-type: none"> Describe normal flow patterns in the aorta and peripheral arteries Identify findings of aortic aneurysm, occlusion and rupture Distinguish arterial injuries including fistula, pseudoaneurysm and stenosis
		Faculty: John S. Pellerito, MD, Vice Chairman, Dept. of Radiology, Northwell Health; Professor of Radiology, Zucker School of Medicine at Hofstra/Northwell
11:45 AM – 12:30 PM		LUNCH
12:30 – 1:15 PM		Gall Bladder Pathologies and Complications
		Objectives:
		<ul style="list-style-type: none"> To review pertinent gallbladder anatomy, normal variants and congenital anomalies To discuss ultrasound technique in the evaluation of the gallbladder To review the main radiological findings associated with various gallbladder pathologies
		Faculty: Margarita Revzin, MD,
1:20 – 2:05 PM		Ultrasound for Chronic Liver Disease and HCC Screening & Surveillance (US LI-RADS)
		Objectives:
		<ul style="list-style-type: none"> Review HCC and need for robust screening program Introduce the new LI-RADS system for ultrasound-based HCC screening and surveillance Provide case examples for each US LI-RADS category and visualization score
		Faculty: David T. Fetzer, MD, Assistant Professor, Medical Director of Ultrasound, UT Southwestern Medical Center, Dallas TX

2:05 – 2:20 PM		BREAK
2:20 – 3:05 PM	MSK	Essentials of MSK Ultrasound
		Objectives:
		<ul style="list-style-type: none"> • Recognize normal and abnormal tendon appearance
		<ul style="list-style-type: none"> • Recognize normal and abnormal muscle appearance
		<ul style="list-style-type: none"> • Know how to image popliteal cyst correctly
		Faculty: Benjamin Plotkin, MD, Assistant Clinical Professor at UCLA
3:10 – 3:55 PM	Small Parts	Hernias, Lumps, and Bumps of the Inguinal Region
		Objectives:
		<ul style="list-style-type: none"> • To discuss anatomy of the inguinal canal and surrounding structures
		<ul style="list-style-type: none"> • To learn ultrasound technique and protocol for evaluation of the inguinal canal and its contents
		<ul style="list-style-type: none"> • To review ultrasound findings of various inguinal pathologies, including inguinal hernias
		Faculty: Margarita Revzin, MD,
4:00 – 4:30 PM	MSK	MSK US
		Objectives:
		<ul style="list-style-type: none"> • Understand the potential uses and applications of sonoelastography in musculoskeletal ultrasound
		<ul style="list-style-type: none"> • Discuss contrast-enhanced ultrasound and its potential use in evaluating inflammatory arthropathies
		<ul style="list-style-type: none"> • List different ultrasound-guided musculoskeletal interventions
		Faculty: Jordan Gross, MD, Assistant Professor of Radiology at Keck School of Medicine of USC

SUNDAY, AUGUST 2		
TIME	FOCUS	LECTURE
8:00 – 8:45 AM	OB	How's Your OB US guidelines IQ? (A Review of Required Images)
		Objectives:
		<ul style="list-style-type: none"> To review current guidelines in OB US accreditation process
		<ul style="list-style-type: none"> To discuss the characteristics of acceptable images for submission
		<ul style="list-style-type: none"> To illustrate cases of misdiagnosis due to inaccurate images
		Faculty: Teresita L Angtuaco, MD, FACR, FAIMM, FSRU, FAWWR, Professor of Radiology, Obstetrics and Gynecology at the University of Arkansas for Medical Sciences
8:50 – 9:35 AM	Small Parts	Scrotal US
		Objectives:
		<ul style="list-style-type: none"> To briefly review scrotal anatomy and physiology
		<ul style="list-style-type: none"> To discuss ultrasound technique and keys in the effective evaluation of scrotum and its contents
		<ul style="list-style-type: none"> To review pathognomonic features of various scrotal pathologies, with emphasis on scrotum and epididymis
		Faculty: Margarita Revzin, MD,
9:35 – 9:50 AM		BREAK
9:50 – 10:20 AM	Small Parts	TIRADS
		Objectives:
		<ul style="list-style-type: none"> Know pertinent US findings to score module according to TIRADS
		<ul style="list-style-type: none"> Understand TIRADS scoring and relations to biopsy is follow-up
		<ul style="list-style-type: none"> Know appearances of leave alone lesions
		Faculty: Edward G. Grant, MD , FACR, Professor at USC
10:25 – 10:55 AM	Vascular	Non-Emergency Peripheral Arterial Evaluation
		Objectives:
		<ul style="list-style-type: none"> Review Doppler ultrasound physics
		<ul style="list-style-type: none"> Review approach to evaluating the peripheral arteries and detecting stenoses
		<ul style="list-style-type: none"> Illustrate common clinical diagnoses using case based format with audience response
		Faculty: Victor Sai, MD, Assistant Clinical Professor at David Geffen School of Medicine at UCLA
11:00 – 11:30 AM	Vascular	Pitfalls in Vascular Imaging
		Objectives:
		<ul style="list-style-type: none"> Optimize Doppler imaging for vascular studies
		<ul style="list-style-type: none"> Discuss common pitfalls in carotid diagnosis
		<ul style="list-style-type: none"> Distinguish acute DVT from chronic venous change
		Faculty: John S. Pellerito, MD, Vice Chairman, Dept. of Radiology, Northwell Health; Professor of Radiology, Zucker School of Medicine at Hofstra/Northwell
11:30 AM – 12:15 PM		LUNCH
12:15 – 1:00 PM	CEUS	Contrast-Enhanced Ultrasound for HCC Diagnosis (CEUS LI-RADS)
		Objectives:
		<ul style="list-style-type: none"> Review ultrasound contrast and its unique properties and benefits
		<ul style="list-style-type: none"> Highlight how CEUS can be used to definitely diagnose HCC
		<ul style="list-style-type: none"> Show how CEUS LI-RADS fits into the broader LI-RADS system
		Faculty: David T. Fetzter, MD, Assistant Professor, Medical Director of Ultrasound, UT Southwestern Medical Center, Dallas TX
1:05 – 1:35 PM	CEUS	Ultrasound Contrast for Vascular Applications
		Objectives:
		<ul style="list-style-type: none"> Describe use of ultrasound contrast material for vascular diagnosis
		<ul style="list-style-type: none"> Explain value of ultrasound contrast for identification of aortic endoleaks
		<ul style="list-style-type: none"> Discuss applications of ultrasound contrast in the peripheral circulation
		Faculty: John S. Pellerito, MD, Vice Chairman, Dept. of Radiology, Northwell Health; Professor of Radiology, Zucker School of Medicine at Hofstra/Northwell
1:40 – 2:25 PM	CEUS	Contrast-Enhanced Ultrasound Outside of the Liver: Cases!

		Objectives:
		<ul style="list-style-type: none"> • Introduce potential uses of CEUS outside of the liver
		<ul style="list-style-type: none"> • Highlight unique advantages of CEUS through review of interesting cases
		<ul style="list-style-type: none"> • Discuss CEUS in diagnosis, intervention, and response to therapy
		Faculty: David T. Fetzner, MD, Assistant Professor, Medical Director of Ultrasound, UT Southwestern Medical Center, Dallas TX
2:25 – 2:40 PM		BREAK
2:40 – 3:25 PM	Leadership	Rebuilding Your Ultrasound Service After Unilateral Administrative Decisions for Radical Re-organization
		Objectives:
		<ul style="list-style-type: none"> • To illustrate the effect of institutional policy changes to ultrasound practice
		<ul style="list-style-type: none"> • To explain steps involved in rebuilding an ultrasound service
		<ul style="list-style-type: none"> • To relate challenges and solutions that resulted in success
		Faculty: Teresita L Angtuaco, MD, FACR, FAMM, FSRU, FAAWR, Professor of Radiology, Obstetrics and Gynecology at the University of Arkansas for Medical Sciences
3:30 – 4:15 PM	CEUS	Ultrasound Elastography: Where do we stand?
		Objectives:
		<ul style="list-style-type: none"> • Review the various types of ultrasound elastography
		<ul style="list-style-type: none"> • Discuss the use of elastography in liver fibrosis staging
		<ul style="list-style-type: none"> • Highlight current challenges and methods for improving consistency
		Faculty: David T. Fetzner, MD, Assistant Professor, Medical Director of Ultrasound, UT Southwestern Medical Center, Dallas TX