



# Essentials of Abdominal CEUS: The Basics and Beyond

**Saturday, October 19, 2019**

**Keck Medical Center of USC \* Keith Admin Building, 1975 Zonal Ave., Los Angeles, California**

**Program host: Edward Grant, MD**

**Faculty: Edward Grant, MD; Brittany Kazmierski, MD; Kevin King, MD; Yuko Kono, MD; Sandy Lee, MD; Harshawn Malhi, MD; Hisham Tchelepi, MD; Stephanie Wilson, MD**

## Agenda

<b>8:00 - 8:30</b>	<b>Registration, continental breakfast, visit exhibits</b>	
8:30 - 8:45	Welcome from ICUS; History of Contrast Enhanced Ultrasound (CEUS)	Edward Grant, MD
8:45 - 9:30	How to get started	Edward Grant, MD
9:30 - 10:00	Benign liver masses	Hisham Tchelepi, MD
10:00 - 10:30	Malignant liver masses	Harshawn Malhi, MD
10:30 - 11:00	LI-RADS	Yuko Kono, MD
11:00 - 11:30	CEUS vs. MR and CT	Stephanie Wilson, MD
11:30 - 12:00	A liver mass quiz: Interesting cases	Stephanie Wilson, MD
<b>12:00 - 1:00</b>	<b>Lunch</b>	
1:00 - 1:45	Renal masses	Brittany Kazmierski, MD
1:45 - 2:15	Breast	Sandy Lee, MD
2:15 - 2:45	Quantitative CEUS imaging	Kevin King, MD
2:45 - 3:15	CEUS - Beyond the usual	Hisham Tchelepi, MD
3:15 - 3:30	Pragmatic CEUS issues	Edward Grant, MD
<b>3:30 - 5:00</b>	<b>CEUS hands-on demonstrations</b>	<b>Faculty</b>
<b>5:00 - 5:30</b>	<b>Closing remarks</b>	<b>Faculty</b>

**Registration:** <http://icus-society.org/los-angeles-ceus-event-registration/>

**Program information:** Edward Grant - [edgrant@med.usc.edu](mailto:edgrant@med.usc.edu)

## Learning objectives

By the end of this session, participants will be able to:

1. Prepare and inject a microbubble contrast agent according to the specific requirements for that agent.
2. Perform a basic CEUS examination of the liver.
3. Interpret liver CEUS images as showing malignancy on the basis of nodule washout in the portal venous phase.
4. Provide accurate diagnoses for benign liver masses based on their specific enhancement patterns in the arterial phase.
5. Categorize liver nodules shown on CEUS in those at risk for HCC according to ACR LI-RADS.
6. Select appropriate patients for CEUS examination recognizing the contributions of CEUS to vascular imaging.

## Meals

Continental breakfast, snacks and lunch will be provided.

## Exhibit deliveries

To arrange delivery of your exhibit, please contact Edward Grant - [edgrant@med.usc.edu](mailto:edgrant@med.usc.edu).

## ICUS 2019 educational programs

- Orlando -- Abdominal CEUS -- April 10, 2019
- Chicago – Abdominal CEUS -- May 18, 2019
- Chicago – Cardiovascular CEUS -- May 19, 2019
- Washington, DC – Abdominal CEUS -- September 21, 2019
- Washington, DC – Cardiovascular CEUS -- September 22, 2019
- **Los Angeles – Abdominal CEUS -- October 19, 2019**
- Los Angeles – Cardiovascular CEUS -- October 20, 2019

## About ICUS

The International Contrast Ultrasound Society (ICUS) is the only global medical society exclusively devoted to advancing the safe and appropriate use of contrast-enhanced ultrasound (CEUS) to improve patient care where medically indicated. ICUS members include physicians, scientists and other ultrasound imaging professionals in approximately 60 countries. **Membership in ICUS is free. For more information or to join, please visit [www.icus-society.org](http://www.icus-society.org).**