

## Regional Graduate Medical Education

Ultrasound Training: Hospital Medicine

Thursday, July 12, 2018

7:00 a.m.-4:00 p.m.

Walnut Creek Marriott

California Ballroom

7:00-7:50A	50m	<i>Breakfast</i>	
7:50-8:00A	10m	Introduction to Course and Faculty	Chris Salem Brita Zaia, MD
8:00-8:30A	30m	Aorta (AAA) IVC (Fluid Status)	Brita Zaia, MD
8:35-8:55A	20m	Gallbladder	Santosh Davies, MD
9:00-10:00A	60m	Hands-On Skills Lab (3 rotations, 20-minute stations) - Aorta - IVC - Gallbladder	Brita Zaia, MD Santosh Davies, MD Darrell Sutijono, MD Manish R. Asaravala, MD Alice Kwan, MD Rachel Berkowitz, MD Joel Cho, MD Marc Kurtzman, MD Aubrey O. Ingraham, MD
10:05-10:35A	30m	Echocardiography (Normal, Pericardial Effusion)	Brita Zaia, MD
10:40-11:10A	30m	Lung (PL Effusion, PTX, B Lines, Consolidation)	Darrell Sutijono, MD
11:15A-12:15P	60m	Hands-on Skills Lab (3 rotations, 20-minute stations) - Echo (PSL, PSS) - Echo (AP4, SX) - Lung (B Lines, PTX, Pleural Effusion)	Brita Zaia, MD Santosh Davies, MD Darrell Sutijono, MD Manish R. Asaravala, MD Alice Kwan, MD Rachel Berkowitz, MD Joel Cho, MD Marc Kurtzman, MD Aubrey O. Ingraham, MD
12:15-12:45P	30m	<i>Lunch</i>	
12:45-1:10P	25m	FAST	Santosh Davies, MD
1:15-1:35P	20m	Ascites Procedures: Thoracentesis, Paracentesis	Darrell Sutijono, MD
1:40-2:00P	20m	DVT	Brita Zaia, MD

2:00-3:00P	20m	<p>Hands-on Skills Lab (3 rotations, 20-minute stations)</p> <ul style="list-style-type: none"> <li>- FAST (RUQ, LUQ, Review Pleural Effusion)</li> <li>- FAST (Pelvis, SX)</li> <li>- DVT</li> </ul>	<p>Brita Zaia, MD Santosh Davies, MD Darrell Sutijono, MD Manish R. Asaravala, MD Alice Kwan, MD Rachel Berkowitz, MD Joel Cho, MD Marc Kurtzman, MD Aubrey O. Ingraham, MD</p>
3:00-3:30P	60m	<p>Hands-on Skills Lab (SonoSim)</p> <ul style="list-style-type: none"> <li>- Free Practice Stations</li> </ul>	<p>Brita Zaia, MD Santosh Davies, MD Darrell Sutijono, MD Manish R. Asaravala, MD Alice Kwan, MD Rachel Berkowitz, MD Joel Cho, MD Marc Kurtzman, MD Aubrey O. Ingraham, MD</p>
3:30-4:00P	30m	<p>Wrap-up Lecture</p> <ul style="list-style-type: none"> <li>- Images and Cases</li> <li>- Discussion</li> </ul>	<p>Brita Zaia, MD Santosh Davies, MD Darrell Sutijono, MD Manish R. Asaravala, MD Alice Kwan, MD Rachel Berkowitz, MD Joel Cho, MD Marc Kurtzman, MD Aubrey O. Ingraham, MD</p>

## Course Objectives

The HBS Ultrasound Training course is designed for learners with a beginning-intermediate level understanding of ultrasound principles and practical experience with scanning. The emphasis of this course is to provide the skills and knowledge required to successfully use ultrasound at the bedside to:

- Identify the abdominal aorta and AAA
- Identify the IVC and help determine a patient's fluid status
- Identify the gallbladder, gallstones, signs of acute cholecystitis
- Identify the heart, identify pericardial effusion and assess cardiac activity
- Identify the normal lung, pleural effusion, pneumothorax, pulmonary edema, and consolidation
- Identify intraabdominal free fluid
- Identify and locate ascites
- Use ultrasound to assist with thora- and para-centesis
- Learn how to identify deep vein thrombosis