



**Endocrine Neck Advanced Ultrasound Course
Wednesday, October 3, 2018**

6:15 AM – 6:45 AM	Continental Breakfast	
6:45 AM – 7:00 AM	Welcome and Introduction	<i>Kevin T. Brumund and Susan J. Mandel</i>
7:00 AM – 7:25 AM	Understanding Ultrasound Principles and Physics to Optimize Imaging	<i>Robert A. Levine</i>
7:25 AM – 7:50 AM	Normal Head and Neck Ultrasound Anatomy	<i>Jennifer A. Sipos</i>
7:50 AM – 8:20 AM	Ultrasound of Diffuse Thyroid Disorders	<i>Stephanie L. Lee</i>
8:20 AM – 8:45 AM	Challenges in Sonographic Assessment of Thyroid Nodules	<i>Susan J. Mandel</i>
8:45 AM – 9:15 AM	Panel Questions and Answers with Live Demonstration on a Patient/Volunteer	
9:15 AM – 9:30 AM	Break	
9:30 AM – 10:05 AM	Use of Ultrasound in Management of Hyperparathyroidism	<i>Maisie L. Shindo</i>
10:05 AM – 10:25 AM	Ultrasound Interpretation of Non-Thyroid Neck Pathology	<i>Kevin T. Brumund</i>
10:25 AM – 10:50 AM	Sonographic Assessment of Cervical Lymph Nodes	<i>David Steward</i>
10:50 AM – 11:15 AM	Techniques to Optimize Fine Needle Aspiration Biopsy	<i>Russell B. Smith</i>
11:15 AM – 11:45 AM	Panel Questions and Answers with Live Demonstration on a Patient/Volunteer	
11:45 AM – 12:15 PM	Lunch	
<p>For the afternoon session, attendees will split into two groups. One group will attend an additional didactic session with an interactive activity and the other group will go to the hands-on session. The groups will switch after 2 hours.</p>		
12:15 PM – 2:15 PM	Group 1: Audience Response Activity	
	Thyroid Nodules/ATA Risk Category/ Lymph Nodes/ Microcalcifications	<i>Lisa A. Orloff, Denise Carneiro-Pla and Mark A. Lupo</i>
	Group 2: Demonstration	
	8 small groups of 4 attendees will cycle thru 4 activities for a total of two hours	
	<i>Preceptors: William Armstrong, Eve D. Bloomgarden, Arjun Joshi, Sara Mayson, Nitin Pagedar, Jennifer Rosen, Joseph Scharpf, David Shonka and Michael Singer</i>	
2:15 PM – 2:30 PM	Break	
2:30 PM – 4:30 PM	Groups Rotate	
4:30 PM	Adjourn	