

8:00-17:00	<b>In-depth joint ultrasound imaging: Hands-on workshop</b>		
8:00-8:20	Welcome and principles of point-of-care ultrasound	Annette von Drygalski	United States
8:20-8:40	Fundamentals of image interpretation		
8:20-8:25	Ankle	Bruno Steiner	United States
8:25-8:30	Knee	Peter Aguero	United States
8:30-8:35	Elbow	Dario Di Minno	Italy
8:35-8:40	Q&A	All	
8:40-16:00	<b>Live demonstrations, hands-on practice in small groups</b>		
8:40-11:10	<b>Knee: Sonoanatomy and sonographic characteristics of hemarthrosis.</b>		
2.5 hrs	Suprapatellar LAX Suprapatellar SAX Medial Recess SAX Lateral Recess SAX Sunrise SAX Medial Meniscus Infrapatellar	DEMONSTRATIONS: Gianluigi Pasta, Italy Jeffrey Kallberg, United States	
2 min	Bleed Recognition Recap	Annette von Drygalski, United States	
11:10-12:40	<b>Ankle: Sonoanatomy and sonographic characteristics of hemarthrosis.</b>		
90 min	Anterior Talocrural joint LAX Anterior Talocrural joint SAX Anterior Talofibular Ligament (ATFL)/Sprain LAX	DEMONSTRATIONS: Hortensia De la Corte-Rodriguez, Spain Mark Krimmel, United States	
2 min	Bleed Recognition Recap	Annette von Drygalski, United States	
12:40-13:40	Lunch		
13:40-15:40	<b>Elbow: Sonoanatomy and sonographic characteristics of hemarthrosis.</b>		
2 hrs	Anterior Humero-radial joint LAX Anterior Humero-ulnar joint LAX Distal humeral epiphysis SAX Coronoid Fossa SAX Posterior humero-ulnar joint LAX Posterior olecranon	DEMONSTRATIONS: Grace Hernandez, United States Pedro Graça, Mozambique	
2 min	Bleed Recognition Recap	Annette von Drygalski, United States	
15:40-16:00	Wheel of imaging (hands-on practice)	All instructors	
16:00-16:20	Value of ultrasound screening of joints and limitations of MR imaging	Carlo Martinoli	Italy
16:20-16:40	Wrap-up, diagnostic limitations of ultrasound	Eric Chang	United States
16:40-17:00	Panel Discussion	Cindy Bailey	United States
16:20-17:00	Panelists	Carlo Martinoli	Italy
		Eric Chang	United States
		Merel Timmer	Netherlands
		Annette Von Drygalski	United States
		Carla Daffuncchio	Argentina
17:00	Adjourn / Optional MSKUS for Consumers by participants/instructors		



## In-depth joint ultrasound imaging: Hands-on workshop

### MASTER INSTRUCTORS

Annette Von Drygalski	United States
Carlo Martinoli	Italy

### LAB INSTRUCTORS

Bruno Steiner	United States
Carla Daffunchio	Argentina
Curtis Yee	United States
Dario Di Minno	Italy
Fred Loeffler	United States
Gianluigi Pasta	Italy
Grace Hernandez	United States
Hortensia De la Corte-Rodriguez	Spain
Jeffrey Kallberg	United States
Karen Strike	Canada
Mark Krimmel	United States
Merel Timmer	Netherlands
Nihal Bakeer	United States
Patricia Nally	Argentina
Pedro Graça	Mozambique
Peter Aguero	United States
Sofía Pérez Alenda	Spain
Tiffany Kaltenmark	United States

### MODERATOR

Cindy Bailey	United States
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