



Program

Saturday, November 5, 2016

7:00 am	Registration and Breakfast	
7:15 am	Welcome and Introduction	
7:20 am	Lecture: Basic Ultrasound and Needling Approaches	Andrew Gray, MD
7:40 am	Day 1 Pre-Test: Upper and Lower Extremity Blocks	Timur Ozelsel, MD
8:00 am	Lecture: Sonoanatomy and Techniques for Upper and Lower Blocks	Derek Dillane, MD
9:30 am	Break and Group Assignment Learners will be in small working groups categorized as A or B. The course structure enables all learners to address each focused content area via both hands-on live model scanning and cadaver needling.	Ban Tsui, MD
9:45 am	<i>Group A: Hands-On Live Model Scanning (sonoanatomy)</i> <i>Group B: Cadaver and Meat Phantom Needling (single shot and selected continuous catheter techniques) and Anatomy Station</i>	
	1 st Rotation: Upper Extremity Above Clavicle: Interscalene, Supraclavicular 2 nd Rotation: Upper Extremity Below Clavicle: Infraclavicular, Axillary	
10:55 am	Break to Next Station	
11:00 am	<i>Group A: Hands-On Live Model Scanning (sonoanatomy)</i> <i>Group B: Cadaver and Meat Phantom Needling (single shot and selected continuous catheter techniques) and Anatomy Station</i>	
	1 st Rotation: Lower Extremity Supine Position: Femoral, Saphenous, Ankle 2 nd Rotation: Lower Extremity Prone Position: Sciatic, Popliteal	
12:15 pm	Lunch Lecture: Ultrasound Physics, Artifacts, Pitfalls, and Complications Part 1	Andrew Gray, MD
1:15 pm	<i>Group A: Cadaver and Meat Phantom Needling (single shot and selected continuous catheter techniques) and Anatomy Station</i> <i>Group B: Hands-On Live Model Scanning (sonoanatomy)</i>	
	1 st Rotation: Upper Extremity Above Clavicle: Interscalene, Supraclavicular 2 nd Rotation: Upper Extremity Below Clavicle: Infraclavicular, Axillary	
2:25 pm	Break to Next Station	
2:30 pm	<i>Group A: Cadaver and Meat Phantom Needling (single shot and selected continuous catheter techniques) and Anatomy Station</i> <i>Group B: Hands-On Live Model Scanning (sonoanatomy)</i>	
	1 st Rotation: Lower Extremity Supine Position: Femoral, Saphenous, Ankle 2 nd Rotation: Lower Extremity Prone Position: Sciatic, Popliteal	
3:45 pm	Break	
4:00 pm	Lecture: Clinical Applications and Evidence Based Medicine in Ultrasound Regional Anesthesia for Upper and Lower Extremity Blocks	Francis Salinas, MD
6:00 pm	Day 1 Post-Test and Q&A: Upper and Lower Extremity Blocks	
6:15 pm	Day 1 Adjournment	



Sunday, November 6, 2016

7:00 am	Breakfast Lecture: Ultrasound Physics, Artifacts, Pitfalls, and Complications Part 2 Andrew Gray, MD
7:30 am	Day 2 Pre-Test: Truncal Blocks
7:45 am	Lecture: Sonoanatomy and Techniques for Truncal and Paravertebral Blocks Derek Dillane, MD
8:45 am	<i>Group A: Hands-On Live Model Scanning (sonoanatomy)</i> <i>Group B: Cadaver and Meat Phantom Needling (single shot and selected continuous catheter techniques) and Anatomy Station</i>
	1 st Rotation: Ilioinguinal, Lateral Femoral Cutaneous Nerve Block, Transversus Abdominis Plane (TAP), Rectus Sheath Block 2 nd Rotation: Paravertebral Blocks
10:15 am	Break to Next Station
10:20 am	<i>Group A: Cadaver and Meat Phantom Needling (single shot and selected continuous catheter techniques) and Anatomy Station</i> <i>Group B: Hands-On Live Model Scanning (sonoanatomy)</i>
	1 st Rotation: Ilioinguinal, Lateral Femoral Cutaneous Nerve Block, Transversus Abdominis Plane (TAP), Rectus Sheath Block 2 nd Rotation: Paravertebral Blocks
11:50 am	Break
12:00 pm	Lunch Lecture: Clinical Applications and Evidence Based Medicine in Ultrasound Regional Anesthesia for Truncal and Paravertebral Blocks Antoun Nader, MD
1:30 pm	Day 2 Post-Test and Q&A: Truncal Blocks
2:00 pm	Billing and Documentation in Different Jurisdictions Andrew Gray, MD (California) Francis Salinas, MD (Washington) Timur Ozelsel, MD (Canada)
2:30 pm	Closing Remarks and Final Adjournment