

**An Ultrasound Approach to Nerves**  
*Optimizing Diagnosis and Treatment of Entrapment Neuropathies*

Course Director: Jeffrey Strakowski, MD  
March 13-15, 2019 in Honolulu, HI

**Wednesday, March 13**

6:30-8:00am	Registration and Dedicated Exhibit Time
8:00-8:45am	Introduction to Ultrasound and Peripheral Nerve
8:45-9:15am	Introduction to Needle Guidance
9:15-9:30am	Dedicated Exhibit Time
9:30-10:30am	Introduction to Peripheral Nerve: Diagnostic and Interventional
10:30-12:00pm	Live Demonstration of Scanning <ul style="list-style-type: none"><li>• Image Optimization / Use of Machine</li><li>• Needle Guidance with Phantoms</li><li>• Nerve Measurement</li><li>• Recognizing Eco Texture of Neuromuscular Soft Tissues (Nerves, Muscles, Bone, Tendons)</li></ul>
12:00-1:30pm	Sponsored Lunch
1:30-1:45pm	Live Demonstration Scan of Brachial Plexus
1:45-2:45pm	Plexus and Nerves Around the Shoulder Including Pathologies
2:45-3:00pm	Dedicated Exhibit Time
3:00-5:00pm	Practice Scanning Session of Scanning the Plexus <ul style="list-style-type: none"><li>• Supra Clavicular Brachial Plexus</li><li>• Infra Clavicular Brachial Plexus</li><li>• Branch Level Plexus</li><li>• Peripheral Nerves: Supra Scapular, Axillary, Long Thoracic</li></ul>
5:00-6:00pm	Cocktail Reception
6:00pm	Program Concludes for the Day

**Thursday, March 14**

6:30am	Breakfast and Dedicated Exhibit Time
7:00-7:30am	Live Demonstration of the Radial Nerve
7:30-8:00am	Radial Nerve: Normal and Pathological Appearance
8:00-8:30am	Dedicated Exhibit Time
8:30-9:30am	Practice Scanning Session of the Radial Nerve <ul style="list-style-type: none"><li>• Upper Radial (Spiral Groove)</li><li>• Distal Forearm and Elbow</li><li>• Deep Branch of Radial Nerve</li><li>• Superficial Sensory Branch</li></ul>
9:30-9:50am	Live Demonstration of the Ulnar Nerve
9:50-10:30am	Ulnar Nerve: Normal and Pathological Appearance

10:30-11:30pm	Hands On Live Scanning of the Ulnar Nerve <ul style="list-style-type: none"><li>• Humerus Level</li><li>• Elbow Level</li><li>• Forearm Level</li><li>• Wrist Level</li></ul>
11:30-12:30pm	Lunch
12:30-1:00pm	Practice Scanning Session of the Median Nerve
1:00-1:30pm	Median Nerve: Non CTS Lecture and Pathology
1:30-2:00pm	Carpal Tunnel Syndrome
2:00-2:15pm	Dedicated Exhibit Time
2:15-4:15pm	Practice Scanning Session of the Median Nerve <ul style="list-style-type: none"><li>• Humerus Level</li><li>• Elbow/Forearm Level</li><li>• Wrist Level</li><li>• CTS Measurement Techniques</li></ul>
4:15-5:00pm	Ultrasound of Nerves Coding and Billing
5:00pm	Program Concludes for the Day

## Friday, March 15

7:00am	Exhibit Hours and Breakfast
8:00-8:30am	Echogenic Changes in Muscle: Neurogenic Versus Disuse Atrophy
8:30-9:30am	Integrating Neuromuscular Ultrasound With Your EMG Practice
9:30-10:00am	Demonstration of Ultrasound/EMG Scanning
10:00-10:15am	Dedicated Exhibit Time
10:15-12:15pm	Practice Session of Ultrasound/EMG Scanning
12:15pm	Closing Remarks
12:30pm	Program Concludes