

# ULTRA EMG 2020 PROGRAM

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February 19-22, 2020  
Fort Lauderdale, Florida



# Wednesday, February 19, 2020

## Broward Meeting Room

- 7:15 Registration  
8:00 Welcome and Introductions | *Jeffrey A. Strakowski, MD*

## Broward Meeting Room

- 8:15 Physiology of Nerve Conduction Studies  
*Jun Kimura, MD*
- 9:15 Analysis of the Motor Unit Action Potential  
*Erik V. Stålberg, MD, PhD*
- 10:15 Break
- 10:30 EDX Instrumentation: The Importance of Differential Amplification  
*Daniel Dumitru, MD, PhD*

## Palm Beach Meeting Room

- 8:15 Workshop: Intro to Ultrasound: Instrumentation  
*Lisa D. Hobson-Webb, MD*
- 9:15 Workshop: Use of Ultrasound for Muscle Localization in Chemodenervation  
*Katharine E. Alter, MD*
- 10:15 Break
- 10:30 Workshop: Intro to Neuromuscular Ultrasound Scanning Techniques  
*Michael Cartwright, MD*

## Broward Meeting Room

- 11:30 Q&A | *All Faculty*  
11:45 Lunch Break

## Broward Meeting Room

- 1:00 Practice Sessions (EDX, US, Chemodenervation)
- 2:30 Introduction to Musculoskeletal and Neuromuscular Ultrasound  
*Jeffrey A. Strakowski, MD*
- 3:15 Break
- 3:45 Intro to Ultrasound for Use With Chemodenervation  
*Katharine E. Alter, MD*

## Palm Beach Meeting Room

- 1:00 Practice Sessions (EDX, US, Chemodenervation)
- 2:30 Workshop: Workshop: EDX of Cranial Nerves Including Blink  
*Jun Kimura, MD*
- 3:15 Break
- 3:45 Workshop: Needle EMG recruitment  
*Daniel Dumitru, MD*

## Broward Meeting Room

- 4:15 Q&A | *All Faculty*  
4:30 EMG Waveform Assessment | *William S. Pease, MD*  
5:30 Adjourn

5:30-6:30

Reception | Dade Room – 1st Level

# Thursday, February 20, 2020

## Broward Meeting Room

8:00 Announcements and Introductions | *Jeffrey A. Strakowski, MD*

## Broward Meeting Room

8:10 EMG Waveform Generation, Identification, and Analysis of Motor Unit Recruitment  
*Daniel Dumitru, MD, PhD*

9:15 Late Responses in Nerve Conduction Studies  
*Jun Kimura, MD*

10:15 Break

10:30 EDX in Demyelinating Peripheral Neuropathies  
*Erik V. Stålberg, MD, PhD*

## Palm Beach Meeting Room

8:10 Workshop: Fundamentals of Spasticity and Chemodenervation.  
*Albert C. Clairmont, MBBS*

9:15 Workshop: Ultrasound of Peripheral Nerves  
*Lisa D. Hobson-Webb, MD*

10:15 Break

10:30 Workshop: US Guided Chemodenervation Head and Neck  
*Katharine E. Alter, MD*

## Broward Meeting Room

11:30 Q&A | *All Faculty*

11:45 Lunch Break

## Broward Meeting Room

1:00 Practice Sessions (EDX, US, Chemodenervation)

2:30 Ultrasound Evaluation of Generalized Neuropathies  
*Michael Cartwright, MD*

3:15 Break

3:45 Ultrasound Evaluation of Peripheral Nerve and Focal Neuropathies  
*Jeffrey A. Strakowski, MD*

4:15 Ultrasound for Needle Guidance and Nerve Hydrodissections  
*Jeffrey A. Strakowski, MD*

## Palm Beach Meeting Room

1:00 Practice Sessions (EDX, US, Chemodenervation)

2:30 Workshop: Advanced Nerve Conduction Studies  
*Daniel Dumitru, MD*

3:15 Break

3:45 Common and Less Common Nerve Conduction Studies  
*William S. Pease, MD*

## Broward Meeting Room

4:45 Challenging Cases Combining EDX and US with Faculty Panel Discussion

5:15 Q&A | *All Faculty*

5:30 Adjourn

# Friday, February 21, 2020

## Broward Meeting Room

- 8:00 Announcements and Introductions | *Jeffrey A. Strakowski, MD*  
8:10 Live Demonstration of Upper Limb Peripheral Nerve Anatomy With Ultrasound | *Jeffrey A. Strakowski, MD*

## Broward Meeting Room

- 9:00 Ultrasound of MSK Upper Limb Pain Syndromes  
*Jon A. Jacobson, MD*  
9:45 Break  
10:00 Electrodiagnostic Evaluation of Martin-Gruber variations and Carpal Tunnel Syndrome  
*Daniel Dumitru, MD*  
10:45 EDX for Assessment of Radiculopathies  
*William S. Pease, MD*

## Palm Beach Meeting Room

- 9:00 Workshop: Common Pitfalls and Errors with Nerve Conduction Studies  
*Daniel Dumitru, MD*  
9:45 Break  
10:00 Workshop: Ultrasound of Muscle for Neuromuscular Disorders  
*Michael Cartwright, MD*  
10:45 Workshop: MSK Ultrasound of the Shoulder  
*Jon A. Jacobson, MD*

## Broward Meeting Room

- 11:30 Q&A | *All Faculty*  
11:45 Lunch Break

## Broward Meeting Room

- 1:00 Practice Sessions (EDX, US, Chemodenervation)  
2:30 Integrating Neurography and EMG  
*Erik V. Stålberg, MD, PhD*  
3:15 Break  
3:45 Integrating Ultrasound with EDX  
*Michael Cartwright, MD*

## Palm Beach Meeting Room

- 1:00 Practice Sessions (EDX, US, Chemodenervation)  
2:30 Workshop: Anatomic Localization for Chemodenervation  
*Katharine E. Alter, MD*  
3:15 Break  
3:45 Workshop: Challenging Cases in Chemodenervation  
*Albert C. Clairmont, MBBS*

## Broward Meeting Room

- 4:30 Did You Think of This? Challenging and Interactive EDX | *Erik V. Stålberg, MD, PhD*  
5:00 Adjourn

# Saturday, February 22, 2020

## Broward Meeting Room

- 8:00 Announcements and Introductions | *Jeffrey A. Strakowski, MD*  
8:10 Live Demonstration of Lower Limb Peripheral Nerve Anatomy With Ultrasound | *Jeffrey A. Strakowski, MD*

## Broward Meeting Room

- 8:45 MSK Ultrasound of the Hip and Knee  
*Jon A. Jacobson, MD*
- 9:30 Break
- 9:45 Understanding Single Fiber EMG,  
Neuromuscular Junction Evaluation  
*Erik V. Stålberg, MD, PhD*
- 10:30 New Thoughts on Repetitive Nerve  
Stimulation  
*Erik V. Stålberg, MD, PhD*
- 11:00 Ultrasound Assessment of Tumors and  
Other Masses  
*Jon A. Jacobson, MD*

## Palm Beach Meeting Room

- 8:45 Workshop: Chemodernervation  
Ultrasound “Free-for all”  
*Katharine E. Alter, MD*
- 9:30 Break
- 9:45 Workshop: Ultrasound of the Foot and  
Ankle  
*Jon A. Jacobson, MD*
- 11:00 Workshop: Best Nerve Conduction  
Studies for CTS.  
*William S. Pease*

## Broward Meeting Room

- 11:30 Q&A | *All Faculty*  
11:45 Lunch Break

## Broward Meeting Room

- 1:00 Practice Sessions (EDX, US,  
Chemodernervation)
- 2:30 Classification and EDX and Ultrasound  
Evaluation of Peripheral Nerve Trauma  
*Jeffrey A. Strakowski, MD*
- 3:15 Break
- 3:45 Advances and Further Applications in  
Neuromuscular Ultrasound  
*Michael Cartwright, MD*

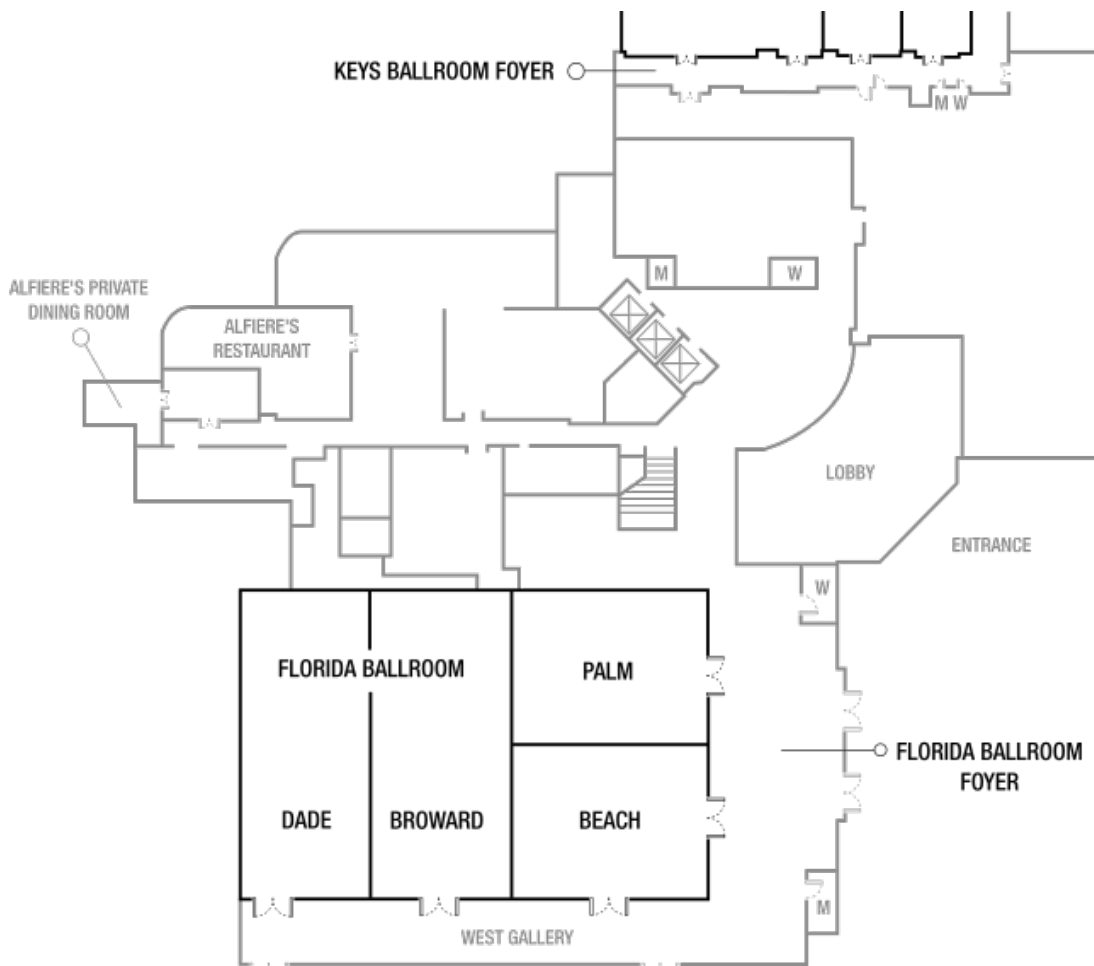
## Palm Beach Meeting Room

- 1:00 Practice Sessions (EDX, US,  
Chemodernervation)
- 2:30 Workshop: Single Fiber EMG  
*Erik V. Stålberg, MD, PhD*
- 3:15 Break
- 3:45 Workshop: EDX “Free-for-all”  
*William S. Pease, MD*

## Broward Meeting Room

- 4:30 Q&A | *All Faculty*  
5:00 Adjourn

# The Westin Fort Lauderdale Map



WI-FI

Network: AANEM  
Password: AANEM20

## Meeting Objectives

1. Review the fundamentals and basis of EDX medicine techniques.
2. Determine the best electrophysiologic tests for evaluating peripheral neuropathies and other NM conditions.
3. Review detailed peripheral nerve, MSK, and other relevant anatomy of the upper and lower limbs, including appearance on US.
4. Observe, practice and improve skills with fundamental and advanced techniques in electrophysiology, MSK and NM US, and chemodenervation.
5. Review and practice EMG waveform identification.
6. Learn image optimization with high frequency US.
7. Learn the clinical value of high frequency US with basic and complex MSK and NM conditions.
8. Evaluate and improve report writing.
9. Review and practice appropriate muscle selection for chemodenervation.
10. Review challenging cases incorporating both EDX and US.
11. Review advancements in technology for assessing MSK and NM disorders.

## CME Credits

Accreditation Statement:  
The AANEM is accredited by the ACCME to provide continuing medical education for physicians.

CME Designation Statement:  
The AANEM designates this live activity for a maximum of 27.75 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

*This meeting is open to MDs, DOs, or international equivalents.*



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the 2020 Ultra EMG possible.

*Please make sure to stop by and visit the exhibits.*