

Neuromuscular Ultrasound Workshop

November 6-7, 2026

Courtyard by Marriott Charlotte City Center
237 South Tyron Street
Charlotte, NC 28202

Speakers

Dr. Ben Rardin
General & Neuromuscular Neurologist
UNC Pardee Hospital, Henderson NC

Dr Lauren Cooper
Assistant Professor
Department of Physical Medicine & Rehabilitation at Atrium Health



Dr. Ben Rardin attended Medical School at Wake Forest School of Medicine in Winston-Salem, NC. He completed his residency in Neurology at Oregon Health and Science University in Portland, OR and a fellowship in Neuromuscular Medicine at Wake Forest School of Medicine. Dr. Rardin currently works as a general and neuromuscular neurologist at UNC Pardee Hospital in Hendersonville, NC and is also an Adjunct Assistant Professor of Neurology with the UNC School of Medicine. Dr. Rardin uses NMUS as an integrated component of his electrodiagnostic practice and has been practicing NMUS specifically for the past 3 years.



Dr. Lauren Cooper is a board-certified physiatrist with additional fellowship training in neuromuscular medicine. Dr. Cooper originates from south Louisiana and completed her medical training at Louisiana State University in Shreveport, LA. She went on to complete her residency training at Louisiana State University in New Orleans, LA, where she first discovered her interest in electromyography and ultrasound. She decided to pursue additional training in neuromuscular medicine at Wake Forest University in Winston-Salem, NC. She currently serves as an Assistant Professor in the Department of Physical Medicine & Rehabilitation at Atrium Health and has a large clinical focus on electrodiagnostic testing and neuromuscular ultrasound.

Dates

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Venue

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Key Learning Objectives

By the end of this course, participants will be able to:

- Apply foundational neuromuscular ultrasound (NMUS) knowledge to support the performance and interpretation of examinations.
- Select and manipulate ultrasound transducers appropriately to optimize image acquisition.
- Operate the InVisus Pro system effectively and utilize its features for optimal clinical performance.
- Describe the indications, advantages, and limitations of neuromuscular ultrasound.
- Perform standardized scanning protocols for neuromuscular structures of the upper extremities, lower extremities, and diaphragm.
- Recognize the normal and pathological ultrasound appearance of common neuromuscular conditions affecting the upper and lower extremities.
- Conduct a standardized ultrasound assessment for the evaluation of scapular winging.
- Explain the role of ultrasound guidance in carpal tunnel injections and demonstrate the procedural workflow.

Intended Audience

This workshop is targeted towards clinicians new to or early on in their experience with neuromuscular ultrasound and includes topics such as basic anatomy, technical skills, and approach to evaluating various neuromuscular pathologies.

Max. number of participants

25

Registration deadline

October 26, 2026

Registration fee

\$499 USD

Continuing Education

15 CE hours approved by AAET

Registration link

<https://natusmedednorthamerica.wufoo.com/forms/w7ljhl90jtkkyl/>

Day 1 – Foundations & Upper Extremity

- Introduction to InVisus Pro System and Neuromuscular ultrasound foundation and basic skills
- Median nerve anatomy, techniques and pathology
- Median nerve demo and hands on scanning
- **Break**
- Ulnar nerve anatomy, techniques and pathology
- Ulnar nerve demo and hands on scanning
- **Lunch**
- Other upper extremity nerves anatomy, technique, pathology

- Other upper extremity nerves demo and hands on scanning
- **Break**
- Carpal tunnel injection approach/technique
- Carpal tunnel injection demo

Day 2 – Lower Extremity and Muscle Ultrasound

- NMUS billing and coding overview
- Fibular nerve anatomy, techniques and pathology
- Fibular nerve demo and hands on scanning
- **Break**
- Tibial and sciatic anatomy, techniques and pathology
- Tibial and sciatic demo and hands on scanning
- Basic Muscle ultrasound technique, measurement
- **Lunch**
- Diaphragm ultrasound anatomy, techniques and pathology
- Diaphragm ultrasound demon and hands on scanning
- **Break**
- Scapular winging muscle ultrasound anatomy, techniques and pathology
- Scapular winging muscle ultrasound demo and hands on scanning
- Q&A