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***“Integration of Clinical Exam, Diagnostic Testing, and Treatment, Part 2:
Neuropathies of the Upper Limb”***

***America Physical Therapy Association Combined Sections Meeting. Denver, CO.
February 13, 2020.***

Neuropathies of the upper extremities include some of the most common health conditions. Carpal tunnel syndrome and ulnar neuropathy cause thousands of patients to seek medical attention and physical therapy. The speakers will present a new paradigm for physical therapist practice in which appropriate diagnostic testing is integrated with typical clinical examination for purposes of diagnosis, differential diagnosis, and to identify underlying causes of pathology and create appropriate patient treatment plans. The presenters will use case studies and reports to examine the role of electromyography and nerve conduction studies in the evaluation of upper extremity neuropathy. The speakers will provide an introduction to musculoskeletal and neurologic ultrasound imaging and discuss its use in upper extremity neuropathy differential diagnosis, followed by clinical examination protocols to isolate pathology. Attendees will gain a comprehensive framework for patient management through establishment of evidence-based treatment plans that correlate with both the clinical examination and the diagnostic data.