



Live-Stream Sessions Guide



Virtual Option

AANEM offers two ways to participate in the AANEM Annual Meeting. You can choose between a virtual, live-streaming option or a traditional in-person option.

The virtual option allows attendees to join live streams of certain featured sessions. The featured sessions include all of the Plenaries, as well as the sessions from three designated rooms at the annual meeting. There will be concurrent, live-streamed sessions from the designated rooms every day of the meeting. The Live-Stream Sessions Guide lists all of the featured sessions and times.

Attendees can choose to participate in one of the concurrent sessions, or they can move between sessions by using the individual session links. Overall there are 34 different streaming sessions to choose from. Virtual attendees can also ask the presenters questions during the live-streamed sessions, and participate along with other audience members.

In addition to the live-streamed sessions, virtual meeting attendance also includes access to the Annual Meeting Video Collection at no additional cost, after it becomes available. Attendees can watch all of the sessions recorded for the collection and CME/CEUs are available for 3 years after the meeting. The Annual Meeting Video Collection provides up to 36 Self-Assessment credits and 85 *AMA PRA Category 1 Credits™*.

Virtual Meeting Stream & Collection	Early Bird	Regular	Late
MEMBER & NONMEMBER	June 25-Aug. 6	Aug. 7-Sept. 26	Sept. 27-Oct. 16
Physicians	\$455	\$530	\$605
Residents & Fellows	\$295	\$370	\$445
Technologists, Collaborators, Researchers	\$295	\$370	\$445
TPP Residents & Fellows	\$190	\$265	\$340



AANEM members and nonmembers receive the same great low price, thanks to a generous grant from ABPN.

Wednesday, October 13

8:00am - 9:30am **Hot Topics in NM Literature - Part 1**

Mountain Daylight Time

UTC/GMT -6 hours

Appraise several impactful findings in NM literature over the past year; recognize the clinical value of these studies and their impact to NM patients (EDX and sonographic methods, hereditary and acquired myopathy evaluation, peripheral neuropathy testing and treatment, motor neuron disease understanding and NMJ disorder advancements); describe hot topics and groundbreaking work in these areas of NM medicine; and integrate emerging knowledge into clinical practice.

1.50
CME/CEU

Amanda C. Guidon, MD | Ruple S. Laughlin, MD | Nathan P. Staff, MD, PhD

8:00am - 9:30am **EMG Study Design**

Mountain Daylight Time

UTC/GMT -6 hours

Participants will discuss planning the EDX evaluation, interpreting the resulting data, modifying the evaluation as might be needed and composing a meaningful report. Examples of common clinical problems referred to EDX labs will be the basis of the presentation.

1.50
CME/CEU

John C. Kincaid, MD | Rebecca A. O'Bryan, MD

8:00am - 9:30am **Infections and Immunizations in NMD**

Mountain Daylight Time

UTC/GMT -6 hours

Recognize the effects of infections in people with underlying NMDs; outline the associations between infections and NMDs; immunizations and NMDs; describe the risks of infections in people with NMD who are on immunosuppressive or immunomodulatory agents; discuss the effectiveness of immunizations in this group; identify the neurologic complications associated with COVID-19 infections; review COVID-19 vaccines; list current recommendations for immunizations in individuals with NMDs, with emphasis on COVID-19.

This is a Self-Assessment (SA) CME session. To receive the SA CME credit, a post-test must be completed with a 70% passing rate. Post-tests are free to members and \$50 for nonmembers.

1.50
CME/CEU

Gregory Gruener, MD, MBA, MHPE | Pushpa Narayanaswami, MBBS, DM | Sasha Zivkovic, MD, PhD

10:00am - 11:30am **Hot Topics in NM Literature - Part 2**

Mountain Daylight Time

UTC/GMT -6 hours

Appraise several impactful findings in NM literature over the past year; recognize the clinical value of these studies and their impact to NM patients (EDX and sonographic methods, hereditary and acquired myopathy evaluation, peripheral neuropathy testing and treatment, motor neuron disease understanding and NMJ disorder advancements); describe hot topics and groundbreaking work in these areas of NM medicine; and integrate emerging knowledge into clinical practice.

1.50
CME/CEU

Jeffrey A. Allen, MD | Mazen M. Dimachkie, MD | Ruple S. Laughlin, MD

10:00am - 11:30am **EMG Reports**

Mountain Daylight Time

UTC/GMT -6 hours

Convey important information about radiculopathies in EMG reports to referring physicians; identify information necessary for inclusion in an EMG report; and implement appropriate degree of clinical and EDX interpretation into a meaningful EMG report.

1.50
CME/CEU

Kerry H. Levin, MD | Elizabeth A. Mauricio, MD | Devon I. Rubinc, MD

10:00am - 11:30am **Pearls and Pitfalls: Using Immunosuppressive Medications in NM Medicine**

Mountain Daylight Time

UTC/GMT -6 hours

Describe common side effects, rare adverse reactions, and key monitoring parameters for corticosteroids and steroid-sparing immunosuppressive medications used to treat NM conditions; appraise general principles and guidelines for the use of immunosuppressive medications in NM medicine; analyze case-based approaches for corticosteroid and steroid-sparing drug initiation, dose titration, and taper in MG and inflammatory myopathy; discuss the implications of the COVID-19 pandemic in the use of these medications.

This is a Self-Assessment (SA) CME session. To receive the SA CME credit, a post-test must be completed with a 70% passing rate. Post-tests are free to members and \$50 for nonmembers.

1.50
CME/CEU

Anthony A. Amato, MD | Christyn Edmundson, MD | Kara Stavros, MD

Wednesday, October 13

1:30pm - 3:00pm **Cutting Edge US and NM Imaging**

Mountain Daylight Time

UTC/GMT -6 hours

Illustrate the role for NM imaging in DMD and related disorders; demonstrate the role of US and MRI in diagnosing and understanding neuralgic amyotrophy; and critically evaluate how NM US can improve the diagnosis and care of ALS.

1.50 CME/CEU

Lisa D. Hobson-Webb, MD | Ogonna K. Nwawka, MD | Craig M. Zaidman, MD

1:30pm - 3:00pm

Mountain Daylight Time

UTC/GMT -6 hours

Myalgia and Muscle Stiffness: Approach and Management

Classify and identify causes of muscle pain and stiffness; diagnose and manage various forms of myotonic disorders and painful myopathies; identify and manage stiff person syndrome & peripheral nerve hyperexcitability; evaluate for and treat myofascial pain syndrome and fibromyalgia.

1.50 CME/CEU

Goran Rakocevic, MD | Mohammad K. Salajegheh, MD | Hannah Steere, MD

1:30pm - 3:00pm

Mountain Daylight Time

UTC/GMT -6 hours

Evaluation of Common Problems in Persons Referred for EDX

Utilize the latest clinical guidelines, techniques, and strategies for evaluating patients for the most common scenarios we face with EDX referrals: CTS, ulnar neuropathy, polyneuropathy, and cervical and lumbosacral radiculopathy.

This is a Self-Assessment (SA) CNCT Checkpoint session. To receive the SA CNCT Checkpoint credit, a post-test must be completed with a 70% passing rate. Post-tests are free to members and \$50 for nonmembers.

1.50 CME/CEU

Timothy R. Dillingham, MD, MS | Peter D. Donofrio, MD | Lawrence R. Robinson, MD

4:00pm - 5:30pm

Mountain Daylight Time

UTC/GMT -6 hours

Plenary 1: New Worlds, New Ways

Describe how the integration of engineering, the physical and the biological sciences has resulted in significant progress in the understanding of the cellular and molecular mechanisms that underlie disease, advances in diagnosis, improvements in therapeutics, enhanced focus on preventative strategies, and the development and implementation of artificial intelligence; discuss how innovations are needed to bring healthcare to all that need it and the importance of precision health and healthy longevity; and state the importance of “physiciancers” of the future to converge engineering and medicine to transform healthcare through invention and innovation.

Note: AANEM's Annual Business Meeting will be held at the beginning of this session. Fellow, Active, and Research members will have the opportunity to vote and are encouraged to attend.

1.50 CME/CEU

Pushpa Narayanaswami, MBBS, DM | Roderic Pettigrew, MD, PhD | Bonnie J. Weigert, MD

Thursday, October 14

8:00am - 9:30am **Clinical Manifestation and Diagnosis of MG**

Mountain Daylight Time

UTC/GMT -6 hours

Identify the clinical manifestations of various subtypes of MG; select appropriate diagnostic approaches for confirming the diagnosis of MG; discuss the differential diagnoses of MG.

1.50 CME/CEU

Michael K. Hehir, MD | Yuebing Li, MD, PhD | Mamatha Pasnoor, MD

8:00am - 9:30am **Mastering NCSs**

Mountain Daylight Time

UTC/GMT -6 hours

Familiarize participants with techniques needed to evaluate and diagnose entrapments in lower limbs; acquire skills to perform NCSs for fibular (peroneal), tibial, medial, and lateral plantar nerves; and identify the appropriate muscles for evaluating lower limb nerve entrapments and appropriate needle placement for EMG examination.

This is a Self-Assessment (SA) CME session. To receive the SA CME credit, a post-test must be completed with a 70% passing rate. Post-tests are free to members and \$50 for nonmembers.

This is a Self-Assessment (SA) CNCT Checkpoint session. To receive the SA CNCT Checkpoint credit, a post-test must be completed with a 70% passing rate. Post-tests are free to members and \$50 for nonmembers.

1.50 CME/CEU

Michael T. Andary, MD, MS | Sandra L. Hearn, MD | Vikram Narula, MD

8:00am - 9:30am **US Evaluation of Post-Surgical Ulnar Neuropathy of the Elbow**

Mountain Daylight Time

UTC/GMT -6 hours

Develop a systematic US approach to evaluating persistent problems following ulnar neuropathy surgery.

1.50 CME/CEU

Jeffrey A. Strakowski, MD

10:00am - 12:00pm **Plenary 2: New Worlds, New Ways**

Mountain Daylight Time

UTC/GMT -6 hours

Discuss how the development of nusinersen created ethical dilemmas; explore these issues in terms of lived experience, disabilities, contractarian, utilitarian, and social analysis to provide tools to enhance both care and policies for people with NM conditions.

Provide a brief description of SMA; genetics of SMA; natural history of SMA; new therapeutic interventions and clinical outcomes; and newborn screening for SMA.

2.00 CME/CEU

Basil T. Darras, MD | Pushpa Narayanaswami, MBBS, DM | Walton Schalick, MD | Bonnie J. Weigert, MD

1:30pm - 3:00pm **Recent Advances in Nerve Surgery: Changing the Game for Nerve and Spinal Cord Injury**

Mountain Daylight Time

UTC/GMT -6 hours

Utilize EMG to precisely assess severity of nerve injuries; adjust your EMG approach to more effectively assist with surgical decision making; recognize surgical options for severe nerve and plexus injuries as well as spinal cord injuries; and recognize when to refer patients for surgical evaluation.

1.50 CME/CEU

Jana Dengler, MD | Lawrence R. Robinson, MD

1:30pm - 3:00pm **MG Treatments: Consensus Guidelines and Novel Therapies**

Mountain Daylight Time

UTC/GMT -6 hours

Describe recommendations of the 2020 international consensus guidance for MG treatment; recognize novel targets for MG treatment; and review recent results of drugs in the pipeline for MG.

1.50 CME/CEU

Srikanth Muppidi, MD | Pushpa Narayanaswami, MBBS, DM | Shruti Raja, MD

1:30pm - 3:00pm **EDX and US Evaluation of CTS, Cubital Tunnel Syndrome and Tarsal Tunnel Syndrome - Part 1**

Mountain Daylight Time

UTC/GMT -6 hours

Contrast diagnosing CTS, ulnar neuropathy of the elbow, and tibial nerve/tarsal tunnel clinically, electrophysiologically, and with US.

1.50 CME/CEU

Jun Kimura, MD | Jeffrey A. Strakowski, MD

Thursday, October 14

4:00pm -
5:30pm

MUAP Recruitment Analysis Made Simple

Mountain
Daylight Time

Recognize MUAP firing rates with a high degree of accuracy; formulate recruitment ratios using auditory recognition skills; and assess whether recruitment is normal or abnormal in a variety of examples.

UTC/GMT
-6 hours

1.50
CME/CEU

Devon I. Rubin, MD

4:00pm -
5:30pm

Neurology Patients in the Spine Clinic - A Case-Based Approach

Mountain
Daylight Time

Identify history, physical examination, imaging, laboratory, and EDX features that help differentiate between patients with common degenerative spine disorders (such as cervical myelopathy, lumbar stenosis, and radiculopathy), patients with primary neurological disorders, and patients with both neurological and spine disorders.

UTC/GMT
-6 hours

1.50
CME/CEU

Arlan M. Henrie, DO | Ligia V. Onofrei, MD

Friday, October 15

8:00am - 9:30am **MSK US for MSK Conditions Encountered During an NM Evaluation**

Mountain Daylight Time

UTC/GMT -6 hours

Identify common MSK problems that can confound symptoms and NM evaluation with the use of high frequency US; discuss MSK dilemmas facing NM specialists; and describe the techniques for identifying confounding concomitant MSK comorbidities. This will be an interactive session that will include PowerPoint slides, live discussion, and live US demonstrations.

1.50
CME/CEU

Jeffrey A. Strakowski, MD | Craig M. Zaidman, MD

8:00am - 9:30am **EDX Approach to Plexopathies**

Mountain Daylight Time

UTC/GMT -6 hours

Describe an approach to evaluate and diagnose lesions involving the brachial and lumbar plexus; identify the relevant anatomy and describe differential diagnosis including potential mimics from other neurological conditions; utilize a thorough step-by-step approach to interpret EDX information in order to make a diagnosis; and summarize surgical options based on the EDX diagnosis and prognosis. Cases will be used to enhance this session.

1.50
CME/CEU

Joelle Gabet, MD | Michael C. Munin, MD | Atul T. Patel, MD, MHSA

8:00am - 9:30am **NM Sports Medicine Cases: Mechanisms of Injury and Management of Athletes in the Era of COVID-19**

Mountain Daylight Time

UTC/GMT -6 hours

COVID-19 has changed how we live, work, exercise and participate in sports. Attendees will recognize the impact this has on how to evaluate and manage athletes including identifying the NM, MSK (NM-SK) mechanisms involved in sports trauma and the NM-SK injuries unique to each sport; utilizing EDX and US in diagnosing these injuries; and recognizing patient management problems in athletes who develop COVID-19.

1.50
CME/CEU

Anthony G. Alessi, MD | Bryan X. DeSouza, MD | Panel

10:00am - 12:00pm **Plenary 3: New Worlds, New Ways**

Mountain Daylight Time

UTC/GMT -6 hours

Recognize the current state of EDX quality and challenges to EDX quality including providers other than neurologists and PM&R physicians performing and interpreting studies, describe Medicare's rules allowing PTs to perform EMGs, and state the reasons for declining numbers of trained physicians performing the studies and the high cost of fraud.

Describe how emerging disease-specific knowledge shapes interpretation electrophysiology at the borders of normal and abnormal; how a tailored EDX approach impacts patient care and counseling, and how to inspire learners to develop and apply the critical thinking that will serve them in new worlds and new ways as science continually evolves.

2.00
CME/CEU

Timothy R. Dillingham, MD, MS | Peter A. Grant, MD | Sandra L. Hearn, MD | Bonnie J. Weigert, MD

1:30pm - 3:00pm **COVID-19 and NM Disorders**

Mountain Daylight Time

UTC/GMT -6 hours

Describe incident NM disease associated with COVID-19 including COVID-related myopathy, GBS and other neuropathies, including nerve and muscle pathology in patients with these disorders; outline current data regarding best management of pre-existing NM disorders, with a focus on immune-mediated disorders, data from disease specific registries and adaptations of clinical trials; describe acute inpatient NM rehabilitation consideration in patients with COVID-19; long-term NM sequelae of COVID-19 and their rehab considerations including establishment of novel systems of care; identify specific examples of tools for clinical care adaptation through telemedicine and innovations in NM education.

1.50
CME/CEU

Anthony A. Amato, MD | Christopher Doughty, MD | Amanda C. Guidon, MD

Friday, October 15

1:30pm -
3:00pm

Autoantibodies and the Evolving MG Treatment Landscape

Mountain
Daylight Time

UTC/GMT
-6 hours

Identify antibodies supportive of the diagnosis of autoimmune MG; describe the clinical presentation of MG based on Ab status; discuss the utility of other confirmatory tests for MG; discuss established therapies for MG; review the definition of refractory MG; describe promising therapies for autoimmune MG; review cautionary drugs in MG; discuss the effectiveness of thymectomy, rituximab and methotrexate; describe the impact of immune checkpoints inhibitors on MG.

1.50
CME/CEU

Mazen M. Dimachkie, MD | Mamatha Pasnoor, MD | Gil I. Wolfe, MD

1:30pm -
3:00pm

Supporting Function: Orthotics & Technology to Maximize Mobility & Quality of Life in NM Disease

Mountain
Daylight Time

UTC/GMT
-6 hours

Articulate the indication for use of orthoses to manage symptoms in patients with low back pain; provide two examples of orthoses to enhance function in ambulatory patients with neuromuscular disease; review novel, cutting-edge technology innovations that have potential to improve quality of life for NM patients, caregivers, and their communities; identify examples of how these technologies might be leveraged in clinical settings to achieve mobility and functional goals; recognize the value of participatory design methodologies in collaboration with the broader NM community.

1.50
CME/CEU

Thiru M. Annaswamy, MD, MA | Ileana Howard, MD | Ann Paradiso | James K. Richardson, MD

4:00pm -
5:30pm

Diagnosis and Treatment: Breakthrough Genetic Testing

Mountain
Daylight Time

UTC/GMT
-6 hours

Integrate current testing platforms in your neuropathy practice; recognize technical strengths and limitations of next generation sequencing testing for various forms of neuropathy; articulate the new treatment and research approaches afforded by genetic testing; illustrate importance of correlating molecular findings with clinical and other laboratory data; convey the relevance of a genetic diagnosis for proper treatment; evaluate hereditary myopathies and neurogenic processes sharing the same defective gene; assess genetic technical analysis strategies and genetic counseling; produce comprehensive genetic testing reports by applying evidence-based gene variant classification guidelines; and articulate the latest advances in population genomic-driven drug discovery.

1.50
CME/CEU

Nicolas N. Madigan, MBBCh, PhD | Michelle L. Mauermann, MD | Zhiyv N. Niu, PhD

4:00pm -
5:30pm

Muscular Dystrophies: From Bedside Diagnosis to Gene Therapy

Mountain
Daylight Time

UTC/GMT
-6 hours

Recognize the distinct features of each muscular dystrophy subtype; select the appropriate genetic test for each muscular dystrophy subtype; interpret the variant of uncertain significance (VUS) and select the appropriate ancillary tests to further determine its pathogenicity; identify a subset of muscular dystrophy patients who may benefit from novel therapeutic agents.

This is a Self-Assessment (SA) CME session. To receive the SA CME credit, a post-test must be completed with a 70% passing rate. Post-tests are free to members and \$50 for nonmembers.

1.50
CME/CEU

Teerin Liewluck, MD | Margherita Milone, MD, PhD | Stefan Nicolau, MD

Friday, October 15

4:00pm -
5:30pm

Mountain
Daylight Time

UTC/GMT
-6 hours

When Something Doesn't Look Right: A Case-Based Approach to Technical Anomalies on NCSs

Identify nerve conduction abnormalities due to anomalous innervations, artifacts, and technical factors.

This is a technologist focused session and anyone who has interest in this topic is welcome to attend.

This is a Self-Assessment (SA) CNCT Checkpoint session. To receive the SA CNCT Checkpoint credit, a post-test must be completed with a 70% passing rate. Post-tests are free to members and \$50 for nonmembers.

1.50
CME/CEU

**Deborah Y. Bradshaw, MD | Arun K. Chandok,
MD | Kelly G. Gwathmey, MD**

Saturday, October 16

8:00am -
9:30am

MSK Mimics of Radiculopathy

Mountain
Daylight Time

Name three MSK mimics of cervical radiculopathy; describe how MSK pathology and cervical radiculopathy can exacerbate each other; describe the effects of poor posture can worsen MSK conditions.

UTC/GMT
-6 hours

This is a Self-Assessment (SA) CME session. To receive the SA CME credit, a post-test must be completed with a 70% passing rate. Post-tests are free to members and \$50 for nonmembers.

1.50
CME/CEU

Anthony E. Chiodo, MD, MBA | Faye Y. Tan, MD

8:00am -
9:30am

Peripheral Nerve Conditions in the Running Athlete

Mountain
Daylight Time

Recognize common neurogenic causes of lower extremity pain in the running athlete; discuss the pathophysiology and clinical presentation of various running-related conditions including common and superficial fibular nerve entrapment, lateral plantar neuropathy, and chronic exertional compartment syndrome; describe NCS and US techniques that may be used to facilitate accurate diagnosis of nerve injuries in the running athlete.

UTC/GMT
-6 hours

1.50
CME/CEU

Stephanie Baca, DPT | Rebecca Dutton, MD | Emily Miller Olson, MD

8:00am -
9:30am

Current Topics in IOM

Mountain
Daylight Time

Summarize the incidence, clinical picture, and prognosis of postoperative C5 palsy; recognize the IOM modalities used to detect C5 root injury, including the use of transcortical motor evoked potentials (TcMEPs); discuss the clinical indications for monitoring spinal D waves; describe intraoperative alert criteria for D wave monitoring, and the significance of these intraoperative changes as they relate to prognosis.

UTC/GMT
-6 hours

1.50
CME/CEU

Matt Hoffman, DO, PhD | Greg A. Schaublin, MD

10:00am -
12:00pm

Plenary 4: New Worlds, New Ways

Mountain
Daylight Time

Discuss the current state of women in medicine and identify strategies to advance gender equity.

UTC/GMT
-6 hours

2.00
CME/CEU

Holli A. Horak, MD | Pushpa Narayanaswami, MBBS, DM | Kathryn Rexrode, MD | Bonnie J. Weigert, MD

