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AAN ACTIVITIES

The American Academy of Neurology (AAN) acknowledges that the above-named person has completed the educational activities indicated below.

AMA PRA Category 1 Credits[™]

<i>Date</i>	<i>Product</i>	<i>Title of Activity</i>	<i>CME</i>
10/4/2019	Neurology Journal Online	Neurology Issue 93/11 September 10, 2019 Exam #1 - Dual energy CT after stroke thrombectomy alters assessment of hemorrhagic complications	0.75
10/4/2019	Neurology Journal Online	Neurology Issue 93/14 October 1, 2019 Exam #1 - Subcortical heterotopic gray matter brain malformations: Classification study of 107 individuals	0.75
10/3/2019	Neurology Journal Online	Neurology Issue 93/13 September 24, 2019 Exam #1 - Clinical EEG slowing correlates with delirium severity and predicts poor clinical outcomes	0.75
9/16/2019	Neurology Journal Online	Neurology Issue 93/11 September 10, 2019 Exam #2 - Acute vestibular syndrome associated with anti-GQ1b antibody	0.75
9/14/2019	Neurology Journal Online	Neurology Issue 93/10 September 3, 2019 Exam #1 - An observational study on quality of life and preferences to sustain life in locked-in state	0.75
9/8/2019	Neurology Journal Online	Neurology Issue 93/9 August 27, 2019 Exam #1 - Idiopathic inflammatory myopathy: Interrater variability in muscle biopsy reading	0.75
8/24/2019	Neurology Journal Online	Neurology Issue 93/8 August 20, 2019 Exam #2 - Measures of obesity are associated with MRI markers of brain aging: The Northern Manhattan Study	0.75
8/23/2019	Neurology Journal Online	Neurology Issue 93/8 August 20, 2019 Exam #1 - Effect of dalfampridine on information processing speed impairment in multiple sclerosis	0.75
8/21/2019	Neurology Journal	Neurology Issue 93/4 July 23, 2019 Exam #1 - Predictors of clinical or cerebral lesion progression in adult moyamoya angiopathy	0.75

	Online	cerebral lesion progression in adult moyamoya angiopathy	
8/20/2019	Neurology Journal Online	Neurology Issue 93/4 July 23, 2019 Exam #3 - Treatment effects and comorbid diseases in 58 patients with visual snow	0.75
5/10/2019	Annual Meeting	C243 - Therapy of Neuromuscular Disease: ALS, Inflammatory Neuropathies and Myopathies, and Myasthenia Gravis	2.00
5/9/2019	Annual Meeting	C215 - Peripheral Neuropathy II: Update on Diabetic, Immune Axonal, and Hematologic-related Neuropathies	2.00
5/9/2019	Annual Meeting	C229 - Peripheral Neuropathy III: Genetic Neuropathies: Molecular Diagnosis and Treatment Perspectives	2.00
5/9/2019	Annual Meeting	C237 - Case Studies: Diagnosis and Management of Unusual Cases in Neuromuscular Disease	3.00
5/9/2019	Annual Meeting	PL6 - Controversies in Neurology Plenary Session	2.25
5/8/2019	Annual Meeting	C167 - Lumbar Radiculopathy, Lumbar Spinal Stenosis, Low Back Pain, and Failed Back Syndrome	2.00
5/8/2019	Annual Meeting	C182 - Neuroimaging for the General Neurologist: Spine	2.00
5/8/2019	Annual Meeting	C192 - Neuromuscular Junction Disorders II: Toxins, Lambert-Eaton Syndrome and Less Common Disorders of Neuromuscular Transmission	2.00
5/8/2019	Annual Meeting	PL5 - Frontiers in Neuroscience Plenary Session	2.25
5/7/2019	Annual Meeting	C127 - Hyperkinetic Movement Disorders: Videodiagnosis and Treatment	2.00
5/7/2019	Annual Meeting	C142 - Autoimmune Neurology I Basics and Beyond: Autoimmune Encephalitis and Paraneoplastic Neurological Syndromes of the CNS and PNS	2.00
5/7/2019	Annual Meeting	C151 - Lewy Body Dementias	2.00
5/7/2019	Annual Meeting	PL4 - Clinical Trials Plenary Session	2.25
5/6/2019	Annual Meeting	C86 - Neuromyelitis Optica Spectrum Disorders	2.00
5/6/2019	Annual Meeting	PL3 - Contemporary Clinical Issues Plenary Session	2.25
5/6/2019	Annual Meeting	S17 - Headache: Clinical Trials I	2.00
5/6/2019	Annual Meeting	S18 - Autonomic Disorders	1.25
5/5/2019	Annual Meeting	C38 - Infections of the Nervous System I: Diagnostic Testing of Neurological Infections	2.00
5/5/2019	Annual Meeting	C66 - Infections of the Nervous System III: Advanced Topics in Infectious Neurology	2.00
5/5/2019	Annual Meeting	PL2 - Presidential Plenary Session	2.75

	meeting		
5/5/2019	Annual Meeting	S5 - Therapeutics in ALS and SMA	2.00
5/4/2019	Annual Meeting	C16 - Cerebrovascular Disease I: Prevention	2.00
5/4/2019	Annual Meeting	C25 - Clinical Approach to Muscle Disease II: Inflammatory Myopathies and Muscle Pathology	2.00
5/4/2019	Annual Meeting	C29 - Multiple Sclerosis Overview II: Clinical Advances	2.00
5/4/2019	Annual Meeting	C7 - Clinical Pearls in Autoimmune Neurology: Real World Cases	2.00
5/4/2019	Annual Meeting	PL1 - Hot Topics Plenary Session	1.25
1/2/2019	Neurology Journal Online	Neurology Issue 92/1 January 1, 2019 Exam #1 - High prevalence of neutralizing antibodies after long-term botulinum neurotoxin therapy	0.75
12/15/2018	Neurology Journal Online	Neurology Issue 91/24 December 11, 2018 Exam #2 - White matter abnormalities in the corpus callosum with cognitive impairment in Parkinson disease	0.75
12/14/2018	Neurology Journal Online	Neurology Issue 91/24 December 11, 2018 Exam #1 - Levodopa-induced dyskinesia in Parkinson disease: A population-based cohort study	0.75
11/21/2018	Neurology Journal Online	Neurology Issue 91/20 November 13, 2018 Exam #2 - Age and sex differences in burnout, career satisfaction, and well-being in US neurologists	0.75
11/19/2018	Neurology Journal Online	Neurology Issue 91/20 November 13, 2018 Exam #1 - Can perfusion CT unmask postictal stroke mimics? A case-control study of 133 patients	0.75
11/17/2018	Neurology Journal Online	Neurology Issue 91/18 November 6, 2018 Exam #2 - Regional amyloid accumulation and cognitive decline in initially amyloid-negative adults	0.75
10/22/2018	Neurology Journal Online	Neurology Issue 91/16 October 16, 2018 Exam #2 - Changes in subjective experience elicited by direct stimulation of the human orbitofrontal cortex	0.75
10/21/2018	Neurology Journal Online	Neurology Issue 91/16 October 16, 2018 Exam #1 - Primary angiitis of the CNS and reversible cerebral vasoconstriction syndrome: A comparative study	0.75
9/29/2018	Neurology Journal Online	Neurology Issue 91/13 September 25, 2018 Exam #2 - Antiepileptic drug clearances during pregnancy and clinical implications for women with epilepsy	0.75
9/28/2018	Neurology Journal Online	Neurology Issue 91/13 September 25, 2018 Exam #1 - Surgery and risk of Guillain-Barre syndrome: A French nationwide epidemiological study	0.75
9/23/2018	Neurology Journal Online	Neurology Issue 91/12 September 18, 2018 Exam #1 - Characteristics of motor vehicle crashes associated with seizure: Car crash semiology	0.75

9/22/2018	Neurology Journal Online	Neurology Issue 91/12 September 18, 2018 Exam #2 - Fremanezumab for preventive treatment of migraine: Functional status on headache-free days	0.75
9/12/2018	Neurology Journal Online	Neurology Issue 91/11 September 11, 2018 Exam #2 - Dual antiplatelet therapy pretreatment in IV thrombolysis for acute ischemic stroke	0.75
9/11/2018	Neurology Journal Online	Neurology Issue 91/11 September 11, 2018 Exam #1 - Removing high-frequency oscillations: A prospective multicenter study on seizure outcome	0.75
9/9/2018	Neurology Journal Online	Neurology Issue 91/10 September 4, 2018 Exam #2 - Psychophysical dichotomy in very early acute mTBI pain: A prospective study	0.75
9/7/2018	Neurology Journal Online	Neurology Issue 91/10 September 4, 2018 Exam #1 - REM behavior disorder predicts motor progression and cognitive decline in Parkinson disease	0.75
9/2/2018	Neurology Journal Online	Neurology Issue 91/9 August 28, 2018 Exam #1 - Increased risk of hospital admission for mood disorders following admission for epilepsy	0.75
8/28/2018	Neurology Journal Online	Neurology Issue 91/9 August 28, 2018 Exam #2 - Phrenic neuropathy and diaphragm dysfunction in neuralgic amyotrophy	0.75
8/21/2018	Neurology Journal Online	Neurology Issue 91/8 August 21, 2018 Exam #1 - Thalamic short pulse stimulation diminishes adverse effects in essential tremor patients	0.75
8/20/2018	Neurology Journal Online	Neurology Issue 91/7 August 14, 2018 Exam #1 - Hypoglossal nerve stimulation on sleep and level of alertness in OSA: A preliminary study	0.75
7/31/2018	Neurology Journal Online	Neurology Issue 91/5 July 31, 2018 Exam #1 - Association of statin use with spontaneous intracerebral hemorrhage: A cohort study	0.75
7/30/2018	Neurology Journal Online	Neurology Issue 90/17 April 24, 2018 Exam #1 - Dorsal and ventral horn atrophy is associated with clinical outcome after spinal cord injury	0.75
7/24/2018	Neurology Journal Online	Neurology Issue 91/4 July 24, 2018 Exam #2 - Urinary cadmium concentration and the risk of ischemic stroke	0.75
7/23/2018	Neurology Journal Online	Neurology Issue 91/4 July 24, 2018 Exam #1 - Noninvasive vagus nerve stimulation as acute therapy for migraine: The randomized PRESTO study	0.75
7/22/2018	Neurology Journal Online	Neurology Issue 90/20 May 15, 2018 Exam #2 - Mediterranean diet and 3-year Alzheimer brain biomarker changes in middle-aged adults	0.75
7/15/2018	Neurology Journal Online	Neurology Issue 90/20 May 15, 2018 Exam #1 - Time course of blood pressure control prior to lacunar TIA and stroke: Population-based study	0.75

Annual

4/27/2018	Annual Meeting	C219 - The Early-Onset Dementias	2.00
4/27/2018	Annual Meeting	C230 - Neurologic Complications of Medical and Surgical Therapies	2.00
4/27/2018	Annual Meeting	C237 - Neurologic Complications of Medical Disease	2.00
4/27/2018	Annual Meeting	PL7 - Neurology Year in Review: Emerging Therapies Plenary Session	2.25
4/26/2018	Annual Meeting	C180 - Principles of Genomic Medicine: Clinical Exome Sequencing in Neurologic Disease	2.00
4/26/2018	Annual Meeting	C192 - Clinical EMG II: Neuromuscular Junction Testing and Quantitative EMG	2.00
4/26/2018	Annual Meeting	C206 - Clinical EMG III: Nerve Conduction Criteria and Electrodiagnostic Approaches	2.00
4/26/2018	Annual Meeting	C210 - Case Studies: Unusual Diagnostic and Management of Cases in Neuromuscular Disease	3.00
4/26/2018	Annual Meeting	PL6 - Controversies in Neurology Plenary Session	2.25
4/25/2018	Annual Meeting	C142 - Mastering EMG Waveform Recognition Skills in Just Two Hours!	2.00
4/25/2018	Annual Meeting	C144 - Neurology Update I: Epilepsy, Behavioral Neurology, and Neurologic Infections	2.00
4/25/2018	Annual Meeting	C147 - Multiple Sclerosis Therapy: Disease-modifying Treatment II	2.00
4/25/2018	Annual Meeting	C160 - Neurology Update II: Movement Disorders, Spine Disorders, and Sleep Disorders	2.00
4/25/2018	Annual Meeting	PL5 - Frontiers in Neuroscience Plenary Session	2.25
4/24/2018	Annual Meeting	C113 - Sleep for the Practicing Neurologist I: Is it Narcolepsy or Something Else? Diagnostic and Management Challenges in the Central Disorders of Hypersomnolence	2.00
4/24/2018	Annual Meeting	C122 - Multiple Sclerosis Overview III: The Pathogenesis of Multiple Sclerosis and Mechanism of Action of Treatments for MS	2.00
4/23/2018	Annual Meeting	C63 - Therapy of Neuromuscular Disease: ALS, Inflammatory Neuropathies and Myopathies, and Myasthenia Gravis	2.00
4/23/2018	Annual Meeting	C76 - Clinical Approach to Muscle Disease I: Role of Antibodies, Muscle Imaging and Genetic Testing	2.00
4/23/2018	Annual Meeting	C89 - Clinical Approach to Muscle Disease II: Inflammatory Myopathies and Muscle Pathology	2.00
4/23/2018	Annual Meeting	PL3 - Contemporary Clinical Issues Plenary Session	2.25
4/23/2018	Annual Meeting	S18 - Movement Disorders: Ataxia and Tremor	2.00
4/23/2018	Annual Meeting		

4/22/2018	Annual Meeting	C33 - Clinicopathological Correlation Session in Dementia	2.00
4/22/2018	Annual Meeting	C41 - Peripheral Neuropathy II: Diabetic and Inherited Neuropathies	2.00
4/22/2018	Annual Meeting	C50 - Low and High Pressure Headache: Clinical Presentation and Approach to Evaluation and Management	2.00
4/22/2018	Annual Meeting	C56 - Peripheral Neuropathy III: Genetic Testing and Next Generation Sequencing	2.00
4/22/2018	Annual Meeting	PL2 - Presidential Plenary Session	2.75
4/21/2018	Annual Meeting	C21 - Evaluation and Management of Autonomic Disorders II: Diagnostic Approach and Treatments for Dysautonomia	2.00
4/21/2018	Annual Meeting	C24 - Diagnosis and Treatment of Functional Movement Disorders	2.00
4/21/2018	Annual Meeting	C4 - Hyperkinetic Movement Disorders: Videodiagnosis and Treatment	2.00
4/21/2018	Annual Meeting	C9 - Evaluation and Management of Autonomic Disorders I: Autonomic Testing, Failure, and Peripheral Neuropathies	2.00
4/21/2018	Annual Meeting	PL1 - Hot Topics Plenary Session	1.25
1/3/2018	Neurology Journal Online	Neurology Issue 90/1 January 2, 2018 Exam #1 - Diet quality is associated with disability and symptom severity in multiple sclerosis	0.75
12/14/2017	Neurology Journal Online	Neurology Issue 89/23 December 5, 2017 Exam #1 - Brain microbleeds, anticoagulation, and hemorrhage risk: Meta-analysis in stroke patients with AF	0.75
4/28/2017	Annual Meeting	C223 - Movement Disorders for the General Neurologist I: Diagnosis and Management of Parkinsonian Disorders	2.00
4/28/2017	Annual Meeting	C242 - Sleep for the Practicing Neurologist II: Night Fighting: Sleep Related Hypermotor Epilepsy, Sleepwalking, and Dream Enactment	2.00
4/28/2017	Annual Meeting	PL7 - Neurology Year in Review Plenary Session	2.25
4/27/2017	Annual Meeting	C197 - Interpreting Sleep Study Procedure(s), Data, and Reports: What the Non-sleep Specialist Needs to Know	2.00
4/27/2017	Annual Meeting	C201 - Multiple Sclerosis Overview I: Clinical Pearls	3.00
4/27/2017	Annual Meeting	C215 - Canalith Repositioning for Benign Paroxysmal Positional Vertigo	2.00
4/27/2017	Annual Meeting	PL6 - Controversies in Neurology Plenary Session	2.25
4/26/2017	Annual Meeting	C153 - Alzheimer's Dementia: Diagnosis and Treatment	2.00
4/26/2017	Annual Meeting	C158 - Comprehensive Migraine Education Program I: Diagnosis, Risk Factors, and Neurobiology	2.00

4/26/2017	Annual Meeting	C173 - Comprehensive Migraine Education Program II: Behavioral and Psychological Aspects, Preventative Pharmacology, and Treatment Advances	2.00
4/26/2017	Annual Meeting	PL5 - Frontiers in Neuroscience Plenary Session	2.25
4/25/2017	Annual Meeting	C112 - Stroke in Young Adults and Women	2.00
4/25/2017	Annual Meeting	C123 - Myelopathies I: Inflammatory and Vascular Etiologies	2.00
4/25/2017	Annual Meeting	C140 - Nonmotor Manifestations of Parkinson's Disease II	2.00
4/25/2017	Annual Meeting	PL4 - Clinical Trials Plenary Session	2.25
4/24/2017	Annual Meeting	C106 - Case Studies: Unusual Movement Disorders	3.00
4/24/2017	Annual Meeting	C67 - Infections of the Nervous System I: Diagnostic Testing of Neurological Infections	2.00
4/24/2017	Annual Meeting	C79 - Neuroimaging for the General Neurologist I: Brain and Spine	2.00
4/24/2017	Annual Meeting	PL3 - Contemporary Clinical Issues Plenary Session	2.25
4/23/2017	Annual Meeting	C25 - Cerebellar and Afferent Ataxias: Diagnosis and Management	2.00
4/23/2017	Annual Meeting	C36 - Multiple Sclerosis Therapy: Disease-modifying Treatment I	2.00
4/23/2017	Annual Meeting	PL2 - Presidential Plenary Session	2.75
4/23/2017	Annual Meeting	S2 - Neuroimaging in MS	2.00
4/22/2017	Annual Meeting	C11 - Neuromyelitis Optica Spectrum Disorders	2.00
4/22/2017	Annual Meeting	C19 - Neuromuscular Junction Disorders II: Toxins, Lambert-Eaton Syndrome and Less Common Disorders of Neuromuscular Transmission	2.00
4/22/2017	Annual Meeting	C4 - Multiple Sclerosis Essentials	2.00
4/22/2017	Annual Meeting	PL1 - Hot Topics Plenary Session	1.50

Total: 203.25

Self-Assessment (SA) AMA PRA Category 1 Credits™

<i>Date</i>	<i>Product</i>	<i>Title of Activity</i>	<i>CME</i>
4/22/2019	Continuum	Continuum Postreading Test 24 (2) April 2018 Spinal Cord Disorders	20.00
4/21/2019	Continuum	Continuum Postreading Test 25(2) April 2019 (Epilepsy)	20.00

7/9/2018	NeuroSAE	NeuroSAE 2018 Annual Meeting Edition (Volume 10, Issue 3)	10.00
6/23/2017	NeuroSAE	NeuroSAE Vascular: Second Edition	8.00
			Total: 58.00

Performance-in-Practice (PIP)

No results

Total AAN CME Credits: 261.25

*= credits earned from this activity fulfill the ABPN PIP clinical requirement

**=credits earned from this activity fulfill the ABPN Patient Safety self-assessment requirement

The AAN is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians. The American Academy of Neurology designates the educational activities listed above for the indicated AMA PRA Category 1 Credits. Physicians should only claim credit commensurate with the extent of their participation in the activity.

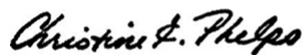
Continuum and *Continuum Audio* is an Accredited Self-Assessment Program (Section 3) as defined by the Continuing Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by the Office of Continuing Medical Education and Professional Development, University of Calgary. For *Continuum*, Canadian participants can claim a maximum of 20 hours (credits are automatically calculated) for 2018 issues and a maximum of 14 hours for issues from April 2017 to December 2017. Issues from April 2017 going forward are approved by the RCPSC; participants cannot claim credit for issues prior to April 2017. For *Continuum Audio*, interviews from June 2018 going forward are approved by the RCPSC; participants cannot claim credit for interviews prior to June 2018. Canadian participants should visit MAINPORT (www.mainport.org) to record learning and outcomes.

NeuroSAE is an Accredited Self-Assessment Program (Section 3) as defined by the Continuing Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by the Office of Continuing Medical Education and Professional Development, University of Calgary Office of Continuing Medical Education and Professional Development. Program accreditation expires 07/2020. Remember to visit MAINPORT (www.mainport.org) to record learning and outcomes. Canadian participants may claim a maximum of 8 hours (credits are automatically calculated).

NeuroSAE Annual Meeting edition is an Accredited Self-Assessment Program (Section 3) as defined by the Continuing Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by the Office of Continuing Medical Education and Professional Development, University of Calgary Office of Continuing Medical Education and Professional Development. Program accreditation expires 07/2020. Remember to visit MAINPORT (www.mainport.org) to record learning and outcomes. Canadian participants may claim a maximum of 10 hours (credits are automatically calculated).

Please direct any questions regarding this report to AAN Member Services at memberservices@aan.com or phone (800) 879-1960 (toll free) or (612) 928-6000 (international)

Sincerely



Christine E. Phelps
Deputy Executive Director
American Academy of Neurology Institute