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A summary of recently published articles in the *Neurology*[®] Resident & Fellow Section

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October 2, 2018 issue

This issue begins with a case of myasthenia gravis in the Pearls & Oy-sters subsection, highlighting several tips for the clinical care of these patients as well as advice for avoiding potential mistakes in management. The Clinical Reasoning case addresses the diagnostic workup of a patient with rapid mental deterioration. Opinion and Special Articles is a forum for personal thoughts regarding relevant topics in education and training. The authors opine on how neurology departments can support trainees and new faculty in their academic career path. Finally, the Teaching NeuroImages highlights the usefulness of imaging in guiding genetic testing for leukodystrophy when there is a variable clinical presentation.

Pearls & Oy-sters: Case report: Pembrolizumab-induced myasthenia gravis

This report highlights the importance of identification of checkpoint inhibitor-induced myasthenia gravis. Given that myasthenia gravis is a treatable condition, early detection and treatment is imperative to improve outcomes in such patients.

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Clinical Reasoning: Rapidly progressive dementia in an HIV patient after an exotic journey

This case report demonstrates the potential usefulness of a wider application of RT-QuIC in the diagnostic workup of rapidly progressive dementias to include also cases with a relatively low pretest probability of Creutzfeldt-Jakob disease.

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Opinion and Special Articles: Challenges and opportunities in defining career identity in academic neurology

One of the topics that comes up often among trainees and young faculty in our neurology department is how to best define and create career identity as an academic neurologist. While there are career tracks in academic neurology (i.e., clinician–researcher, clinician–educator), some paths are more well-established and have more support than others.

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Editor's Blog

NPub.org/rfblog

Clinical Reasoning Book Free Download

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Global and Community Health Subsection

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Teaching NeuroImages: Distinctive imaging in a pauci-symptomatic child with leukodystrophy

An 8-year-old boy presented with a history of 2 unprovoked generalized seizures in the preceding 5 years. He was pauci-symptomatic for Alexander disease, but the imaging findings were distinctive and directed genetic testing for confirmation.

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October 9, 2018 issue

This issue has 3 cases. The Pearls & Oysters case raises awareness of the diagnosis and treatment of air embolism to improve outcomes. There are 2 Teaching NeuroImages highlighting examples of a congenital defect of the optic nerve in an infant and lymphocytic meningoradiculitis in an adult.

Pearls & Oysters: From syncope to death: Enhancing vigilance for detection of cerebral air embolism

This is a case of acute cerebral air embolism followed by a discussion of the etiology, imaging findings, pathophysiology, and treatment. In the last decade, the number of minimally invasive procedures has increased, thus increasing the potential risk for air embolism.

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Teaching NeuroImages: Morning glory disc anomaly

A 7-month-old girl presented with strabismus. There is no treatment for morning glory disc anomaly; however, optimizing visual acuity is important to prevent amblyopia.

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Teaching NeuroImages: Lyme disease presenting as Bannwarth syndrome

A 63-year-old right-handed man presented with a 4-week history of bilateral arm weakness, radicular pain, fever, and areflexia. CSF analysis revealed elevated protein and lymphocytic pleocytosis. Imaging revealed enhancement of the brachial plexus and spinal nerve roots. Lyme antibody titers were raised in serum and CSF.

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October 16, 2018 issue

The Child Neurology article addresses some of the common and uncommon pitfalls in the interpretation of magnetic resonance and CT venography when diagnosing cerebral sinovenous thrombosis. Next is a poem regarding physician burnout submitted to the Right Brain subsection. Finally, there are 2 Teaching NeuroImages cases that highlight the imaging findings in pediatric metabolic leukoencephalopathy and the ocular and angiographic findings in a patient with cavernous sinus syndrome.

Child Neurology: Mimics of cerebral sinovenous thrombosis: A pediatric case series

Three pediatric cases highlight the importance of careful consideration of physiologic and pathologic conditions that may have radiologic appearances similar to cerebral sinovenous thrombosis in order to avoid potentially unnecessary and risky anticoagulant therapy.

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Right Brain: Should we wear flowers in our hair?

This is a poem about the basic tenets of humanity, which medicine is based on, and is a timely topic given the recent interest and discussions in physician burnout being a result of taking physicians further away from the bedside.

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Teaching NeuroImages: Imaging in metabolic leukoencephalopathy-L-2 hydroxyglutaric aciduria

This is a descriptive case report of a child with progressive spasticity and intellectual disability, who was diagnosed with L-2 hydroxyglutaric aciduria.

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Teaching NeuroImages: Complex transverse sinus fistula and cavernous sinus syndrome

A patient presented with a cavernous sinus syndrome caused by a complex transverse (noncavernous) sinus fistula, due to the development of retrograde venous filling that reached the cavernous sinus.

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October 23, 2018 issue

This issue begins with a Clinical Reasoning article that discusses the differential diagnoses and diagnostic evaluation in early-onset epileptic encephalopathies. Next, the Pearls & Oysters case describes the clinical issues surrounding long-term treatment with a biologic. The Teaching NeuroImages describe the imaging techniques for vertebral artery compression and videos of an autoimmune-related movement disorder.

Clinical Reasoning: West syndrome, pontocerebellar hypoplasia, and hypomyelination in a 6-month-old boy

With the advent of next-generation sequencing, there is a rapid pace in the identification of genetic causes of epileptic encephalopathies. A child with early-onset epileptic encephalopathy with hypomyelination and cerebellar hypoplasia on MRI is presented.

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Pearls & Oy-sters: Rheumatoid meningitis occurring during treatment with etanercept

A case of histopathologically confirmed rheumatoid meningitis occurred during longstanding etanercept treatment.

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Teaching NeuroImages: Vertebral artery compression by head tilt around the roll axis diagnosed by transcranial Doppler

A 59-year-old man reported transient vertigo and diplopia during leftward head tilt around the roll axis. Neurologic examination was unremarkable with the head erect or tilted. Magnetic resonance angiography of the head and neck showed hypoplasia of the right vertebral artery.

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Teaching Video NeuroImages: The bitten lip: Facial myokymia and myorhythmia in anti-IgLON5 disease

A video case report highlights and expands the different clinical facets of the recently described autoimmune triggered movement and sleep disorder seen in anti-IgLON5 disease.

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October 30, 2018 issue

Congratulations to our readers who successfully solved the Mystery Case regarding decompression sickness. The Residency Training article addresses the important issue of physician burnout from multiple angles. The Teaching Video NeuroImages highlight the physical examination findings in a genetically confirmed myopathy and the Teaching NeuroImages article describes the adult diagnosis of a congenital malformation of cortical development.

Mystery Case: White matter lesion related to decompression sickness following extreme breath-hold diving

A case of decompression sickness with a white matter lesion was presented that regressed after 3 treatment sessions of hyperbaric oxygen therapy.

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Residency Training: Enhancing resiliency in our residents: combining the principles of business and neurobiology

Although the topic of burnout has been widely published, our article gives a different perspective on the issue—that of cause, consequence, and finally, support from the perspective of neurologists, medical educators, and a page from the business arena.

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Teaching Video NeuroImages: Rippling muscle disease with caveolin myopathy

The patient has well-documented autosomal dominant caveolin myopathy, with a documented pathogenic heterozygous variant. The video not only demonstrates muscle rippling, but also the trick used by the patient to best elicit it.

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Teaching NeuroImages: Double cortex: Rare diagnosis in adulthood

This report presents the unusual situation of a new diagnosis of a subcortical band heterotopia, with confirmed genetic mutation in the doublecortin gene, in an adult patient, despite having lifelong seizures. The images show the so-called double cortex.

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Share Your Artistic Expressions in *Neurology* ‘Visions’

AAN members are urged to submit medically or scientifically related artistic images, such as photographs, photomicrographs, and paintings, to the “Visions” section of *Neurology*®. These images are creative in nature, rather than the medically instructive images published in the NeuroImages section. The image or series of up to six images may be black and white or color and must fit into one published journal page. Accompanying description should be 100 words or less; the title should be a maximum of 96 characters including spaces and punctuation.

Please access the Author Center at NPub.org/authors for full submission information.

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Resident & Fellow Rounds

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