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

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July 2, 2019 issue

This issue contains an Education Research article on principles, practices, and perspectives of a flipped classroom in neurology. There is also a Pearls & Oysters piece focusing on Cogan syndrome. A Teaching NeuroImages case describes hippocampal sclerosis in cerebral malaria while a Teaching Video NeuroImages case discusses cerebellar esotropia, a pitfall in ophthalmology and neurology.

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Resident & Fellow Clinical Reasoning Book
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Resident & Fellow ePearls
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Education Research: Flipped classroom in neurology: Principles, practices, and perspectives

In this article, we reviewed and discussed the current evidence that exists regarding the implementation of modern heutagogy in health care education along the training continuum, specifically focused on the most ubiquitous format: the “flipped classroom.”

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Pearls & Oysters: Cogan syndrome: A potentially grave disorder of audiovestibulopathy with many faces

This report describes a patient who sequentially presented the findings mimicking benign paroxysmal positional vertigo and Ménière disease before developing full clinical features of Cogan syndrome. This report provides information for early suspicion of this disorder that may have a grave prognosis without prompt treatment.

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Teaching NeuroImages: Hippocampal sclerosis in cerebral malaria

Cerebral malaria is an unusual diagnosis in the United States. The imaging findings are unique in that areas of ischemia, hemorrhage, and edema can all be seen.

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Teaching Video NeuroImages: Cerebellar esotropia: A pitfall in ophthalmology and neurology

We briefly propose dysfunction of parafloccular and floccular pathways in the development of cerebellar esotropia in the context of the combined eye movement abnormalities seen in these patients.

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July 9, 2019 issue

This issue starts with a Pearls & Oysters article on adolescent-onset adrenomyeloneuropathy and arrested cerebral adrenoleukodystrophy. There is also a Right Brain piece that describes the emotional encounters with patients or their families. The issue also features a Teaching NeuroImages case showing pericallosal curvilinear lipoma. A Teaching Video NeuroImage provides a multimodal depiction of an interesting and unusual complication of hypoglossal neuropathy.

Pearls & Oysters: Adolescent-onset adrenomyeloneuropathy and arrested cerebral adrenoleukodystrophy

In this article, we report a case of adrenomyeloneuropathy in a teenage boy who had disabling spasmatic paraplegia with asymptomatic adrenal insufficiency, minimal cerebral lesions that were stabilized a decade ago prior to the onset of his symptoms, and no spinal lesions found on MRI.

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Right Brain: A state of emotional aphasia

I describe an encounter that happened between a memorable infant's mother and me. I show the heavy duty that junior doctors must deal with in emotional encounters with patients or their families.

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Teaching NeuroImages: Pericallosal curvilinear lipoma

We share this case to show the typical MRI and treatment decision of asymptomatic pericallosal curvilinear lipoma.

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Teaching Video NeuroImages: Tongue myokymia in hypoglossal neuropathy

This submission provides a multimodal depiction of an interesting and unusual complication of hypoglossal neuropathy, where we report on the use of diagnostic ultrasound in the evaluation of the genioglossus prior to EMG.

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July 16, 2019 issue

The Clinical Reasoning article in this issue describes a misdiagnosis of atypical trigeminal neuralgia. The 2 Teaching NeuroImages featured this issue describe cervical synovial cyst leading to spinal cord compression and pseudo-optic disc edema from vitreopapillary traction. A Teaching Video NeuroImage shows a case of hepatic myelopathy, an unusual neurologic complication of hepatic encephalopathy.

Clinical Reasoning: A misdiagnosis of atypical trigeminal neuralgia

This case allows residents to review their differential for mimickers of trigeminal neuralgia, and it also describes a case of

first bite syndrome, a condition well-known in ENT and surgical specialties, but relatively unknown by neurologists.

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Teaching NeuroImages: Cervical synovial cyst leading to spinal cord compression

We present the radiographic findings of a synovial cyst in a patient presenting with progressively worsening bilateral upper and lower extremity weakness.

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Teaching NeuroImages: Pseudo-optic disc edema from vitreopapillary traction

This is an illustration of the optic disc appearance in vitreopapillary traction. Commonly, as in this case, patients with vitreopapillary traction undergo an unnecessary extensive neurologic workup for optic disc edema.

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Teaching Video NeuroImages: Hepatic myelopathy: An unusual neurologic complication of hepatic encephalopathy

We report a 57-year-old man with alcoholic cirrhosis who presented with a 4-year history of hepatic encephalopathy (HE) and progressive gait impairment that worsened during HE.

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July 23, 2019 issue

This issue begins with an Education Research article discussing an experiential outpatient teleneurology curriculum for residents. A Teaching NeuroImages case describes Vogt-Koyanagi-Harada disease with bilateral retinal detachment. The Teaching Video NeuroImages article describes needle-like central spikes evoked by hand tapping in Rett syndrome.

Education Research: An experiential outpatient teleneurology curriculum for residents

Telemedicine is rapidly becoming a major vehicle of delivering neurologic care to patients who have limited access to subspecialists and exaggerated travel hardship. We piloted a formalized, experiential outpatient teleneurology curriculum.

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Teaching NeuroImages: A case of Vogt-Koyanagi-Harada disease with bilateral retinal detachment

We present a case of Vogt-Koyanagi-Harada disease, a rare autoimmune inflammatory disorder with ocular, auditory, skin, and neurologic involvement.

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Teaching Video NeuroImages: Needle-like central spikes evoked by hand tapping in Rett syndrome

The report describes the classical EEG findings in a child with Rett syndrome provoked by hand tapping.

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July 30, 2019 issue

This issue contains a Mystery Case of a 78-year-old man with a gait disorder. There are also 2 Teaching NeuroImages. The first describes a case of spinal subdural hematoma in pediatric nonaccidental trauma while the second case illustrates acute convexity subarachnoid hemorrhage.

Mystery Case: A 78-year-old man with a gait disorder

A 78-year-old right-handed man was admitted to our department with a gait disorder that had begun 45 days ago.

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Teaching NeuroImages: Spinal subdural hematoma in pediatric nonaccidental trauma

We describe the case of a pediatric patient with symptomatic spinal subdural hematoma with concomitant intracranial subdural hemorrhage who underwent successful surgical evacuation via limited lumbar decompression, followed by delayed burr hole drainage of his intracranial subdural hemorrhages due to leakage from his lumbar wound.

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Teaching NeuroImages: Acute convexity subarachnoid haemorrhage: an under-recognized presentation of CAA-RI

We describe the neuroimaging findings of an 89-year-old patient presenting with visual hallucinations, disorientation, and agitation.

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 - Your submission must be 200 words or less and have a maximum of five references; reference one must be the article on which you are commenting
 - You can include a maximum of five authors (including yourself)
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Resident & Fellow Rounds

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