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

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February 1, 2022, Issue



Clinical Reasoning: A 64-Year-Old Man With History of Meningitis Presenting With Proximal Weakness of the Arms

Because of increased survival rates for patients with meningitis, the complication described in this study, known as man-in-the-barrel syndrome, may be encountered more frequently in practice than in the past. The authors illustrate the importance of timely diagnosis in the successful treatment of this condition.

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Clinical Reasoning: A 57-Year-Old Man With Stepwise Progressive Paraparesis, Sensory Loss, Urinary Retention, and Constipation

This case of progressive myelopathy complicated by HSV positivity highlights the value of repeat spinal vascular imaging when index of suspicion for spinal dural arteriovenous fistula is high and previous angiography is negative. The authors describe how they avoided misdiagnosis pitfalls in this complex case.

[Page e555](#)

Teaching Video NeuroImage: Aurora and Dusk of the Lentiform Fork Sign in a Patient With Reversible Dystonia

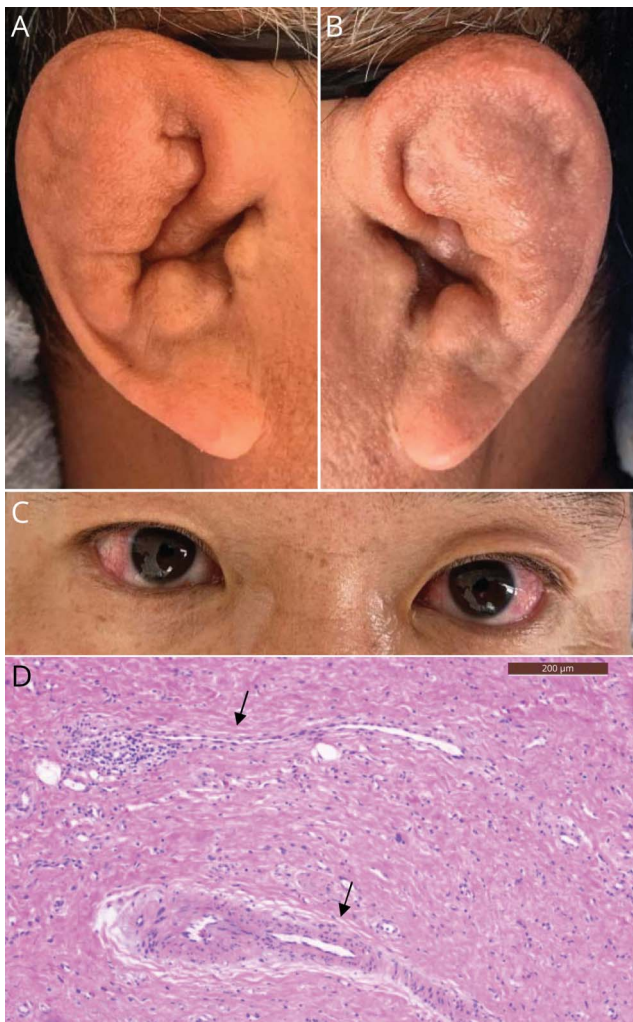
Vasogenic edema is considered a likely underlying mechanism of the lentiform fork sign, as illustrated in this study about a patient with acute reversible dystonia whose MRI showed this rare finding.

[Page e561](#)

Teaching Video NeuroImage: Myokymia on Muscle Ultrasound in Radiation-Induced Brachial Plexopathy

When you see myokymia in a patient with cancer, think radiation-induced brachial plexopathy including when you see it on ultrasound. This case shows how ultrasound testing can be an accurate, noninvasive diagnostic tool for distinguishing radiation-induced plexopathy from tumor recurrence or other forms of plexopathy.

[Page e563](#)



Teaching NeuroImage: Seizures as the Initial Symptom of Relapsing Polychondritis

Seizure onset is rarely seen in patients with relapsing polychondritis (RP). The patient in this case presented with tonic-clonic seizures as an initial feature of their RP. It is important for trainees to perform comprehensive physical examination in patients presenting with adult-onset epilepsy.

Page e677

Teaching NeuroImage: Syringomyelia Secondary to Posterior Fossa en Plaque Meningioma

Although meningiomas are typically histologically benign, they can result in substantial morbidity, particularly when located in the skull base. In this case, a giant posterior fossa meningioma was associated with cervical syringomyelia.

Page e675

Clinical Reasoning: Rare Cause of Hemiparesis and Ataxia in a 36-Year-Old Man

The specific factors that trigger the onset of neurobehcet disease are largely unclear, making diagnosis a challenge. These authors discuss the differential diagnosis and optimal diagnostic criteria for these patients.

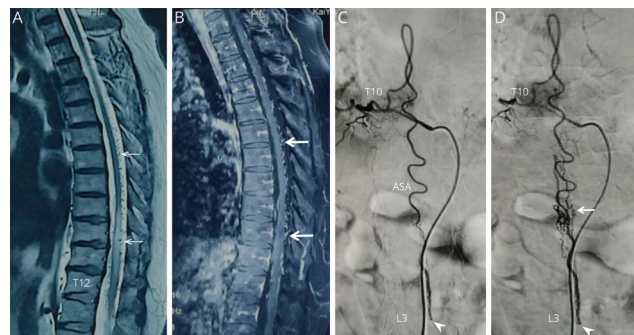
Page 251

Clinical Reasoning: A 67-Year-Old Woman With Progressive Diplopia, Vertigo, and Ataxia

Both the classic features and rare presentations of paraneoplastic cerebellar degeneration are presented in this case, in which a patient presented with typical symptoms and uncommon imaging findings of leptomeningeal enhancement on MRI.

Page e669

February 15, 2022, Issue



Teaching NeuroImage: Arteriovenous Fistula of Cauda Equina Fed by the Proximal Radicular Artery

This case reports on the microscopic angioarchitecture of arteriovenous fistula of the cauda equina (CEAVF) and demonstrates that this very rare condition can be successfully treated with surgery.

Page e776

Clinical Reasoning: A 6-Year-Old Girl With Progressive Toe Walking

Toe walking is a common symptom of many neurologic disorders. A careful and comprehensive approach is key in these patients, as in this case in which a patient was diagnosed first with cerebral palsy and later with dopa-responsive dystonia following more extensive examination.

Page e769

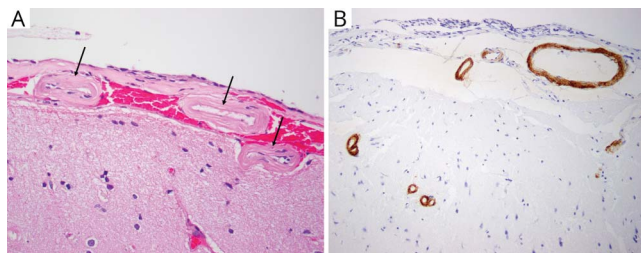
Pearls & Oysters: Cerebral Abscess Secondary to Pulmonary Arteriovenous Malformation in Hereditary Hemorrhagic Telangiectasia

This case describes the importance of screening for pulmonary arteriovenous malformations (PAVMs) in patients with cryptogenic brain abscess or cryptogenic recurrent embolic stroke. [Page 292](#)

Teaching NeuroImage: Fasting EEG in Glucose Transporter-1 Deficiency Syndrome

Fasting EEG can play an important role in the diagnosis of glucose transporter-1 deficiency syndrome. This case demonstrates the value of this test in the description of a patient with chorea induced by fasting and exercise. [Page e774](#)

February 22, 2021, Issue



Clinical Reasoning: A 55-Year-Old Woman With Recurrent Episodes of Aphasia and Vision Changes

CAA-related inflammation (CAA-ri) is a rare condition that can respond to immunosuppressive therapy. As in this case,

beta-amyloid staining may be seen around leptomeningeal vessels. Perivascular inflammatory changes can also be seen but may be absent due to the segmental nature of the disease.

[Page 330](#)

Pearls & Oysters: Delayed Diagnosis of Acute Motor Axonal Neuropathy With Cardiac Arrest

For patients presenting with typical Guillain-Barré syndrome (GBS), it is important to consider GBS variants such as acute motor axonal neuropathy (AMAN). This case highlights the importance of monitoring for cardiac arrhythmia in a patient presenting with right lower extremity weakness initially thought to be functional.

[Page 336](#)

Teaching NeuroImage: Rapid Identification of Infectious Optic Neuritis by Next-Generation Sequencing

Infectious causes of optic neuritis are often complex and call for a thorough approach to differential diagnosis. This case summarizes the imaging findings that supported a diagnosis of neurosyphilis in a patient with worsening bilateral painless central vision loss. The authors describe how this condition may mimic NMOSD.

[Page e872](#)

Teaching Video NeuroImage: Reflex Epilepsy: Seizures Induced by Vigorous Exercise

Exercise-induced seizures are a rare form of reflex epilepsy—this case describes a young patient with tuberous sclerosis complex and focal epilepsy who presented with exercise-induced full body tonic posturing.

[Page e875](#)

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