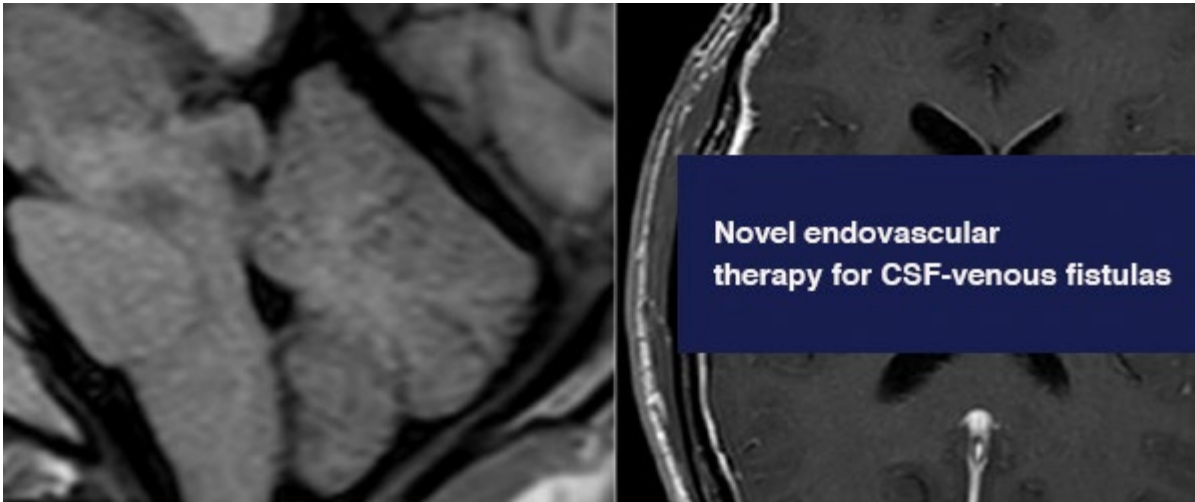


July 2021



Patient Care

[Prenatal repair can improve hindbrain herniation](#)

About 90% of prenatal myelomeningocele repairs performed at Mayo Clinic reverse brain malformations before birth. The procedure requires multidisciplinary neurological, pediatric and radiologic expertise.

[Mayo Clinic Q&A podcast: Early detection and new therapies for carotid artery stenosis](#)

Luis E. Savastano, M.D., Ph.D., a vascular neurosurgeon at Mayo Clinic in Rochester, Minnesota, discusses new techniques for managing this often asymptomatic disease that can cause strokes.

[See more Neurology and Neurosurgery news](#)

[View Neurology and Neurosurgery specialty videos and Grand Rounds presentations](#)



Research

[Longitudinal study maps the transition to Alzheimer's disease](#)

Mayo Clinic has found that individuals can experience behavioral changes 20 years before the onset of symptoms. Changes can include neuroticism, a decline in openness, and subclinical measures of depression and anxiety.

[Robotic systems perform simple ICU care tasks](#)

Automation can reduce health risks and free nurses to focus on more-critical aspects of care, according to a Mayo Clinic study. Automated tasks include pushing buttons on intravenous poles and adjusting ventilator knobs.

See all [Neurology](#) and [Neurosurgery](#) Clinical Trials at Mayo Clinic



Education

Mayo Clinic School of Continuous Professional Development offers [live courses](#), [livestreaming courses](#), [online continuing medical education \(CME\) courses](#) and [podcasts](#) to meet your CME needs.

Medical education from Mayo Clinic experts is also available through [GIBLIB](#), a new on-demand medical education library. GIBLIB provides a free seven-day trial and a 25% discount on premium annual subscriptions including unlimited CME for Mayo Clinic learners. Simply enter code **MAYOCPD2021** to access this offer.

[13th Annual Stroke and Cerebrovascular Disease Review 2021](#)

Oct. 13-16, 2021, in Amelia Island, Fla.

This course updates participants on all major areas in vascular neurology, including management of acute ischemic stroke and brain hemorrhage, symptomatic and asymptomatic arteriovenous malformations, cavernous malformations, cerebral aneurysms and carotid stenosis.

[Electromyography \(EMG\), Electroencephalography \(EEG\), and Neurophysiology in Clinical Practice — 2022](#)

Feb. 19-24, 2022, in Phoenix

This course reviews techniques and topics in the evaluation and diagnosis of neurological disorders, including peripheral nerve and neuromuscular disorders, epilepsy, central nervous system disorders, and sleep disorders.

COVID-19 Updates

Find [resources for providers](#) and answers to questions on [referrals and testing](#) on the Medical Professionals Resource Center.

Consults and Referrals

[Phoenix/Scottsdale, Arizona](#)
844-464-0050

Admission and Transfer Center (ATC) line for urgent/emergent referrals
480-342-1155

[Jacksonville, Florida](#)
844-275-1062

Admission and Transfer Center (ATC) line for urgent/emergent referrals
904-717-0206

[Rochester, Minnesota](#)
844-384-4982

Admission and Transfer Center (ATC) line for urgent/emergent referrals
507-255-2910

[Neurology](#)

507-405-0786

Neurosurgery
507-405-0873

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