



Neurosciences Physician Update

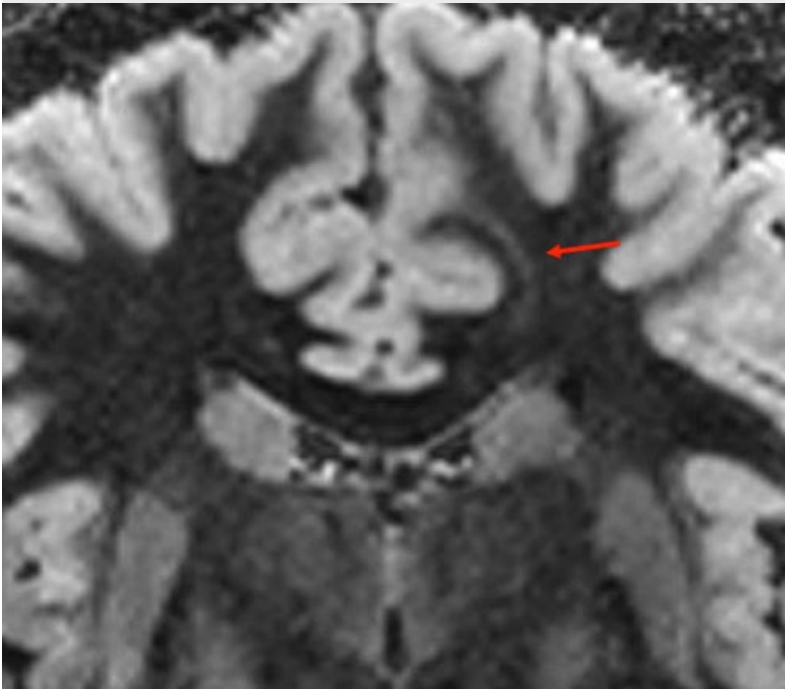
January 2022



**Comprehensive data registry
helps transform neurosurgical
practice**

[Learn more](#)

Patient Care



7-tesla MRI finds lesions undetected with 3-tesla magnetic strength

Overlays of PET images and 7-tesla MRI can help identify candidates for surgery among the one-third of individuals with epilepsy who have medically refractory seizures.

[Learn more](#)



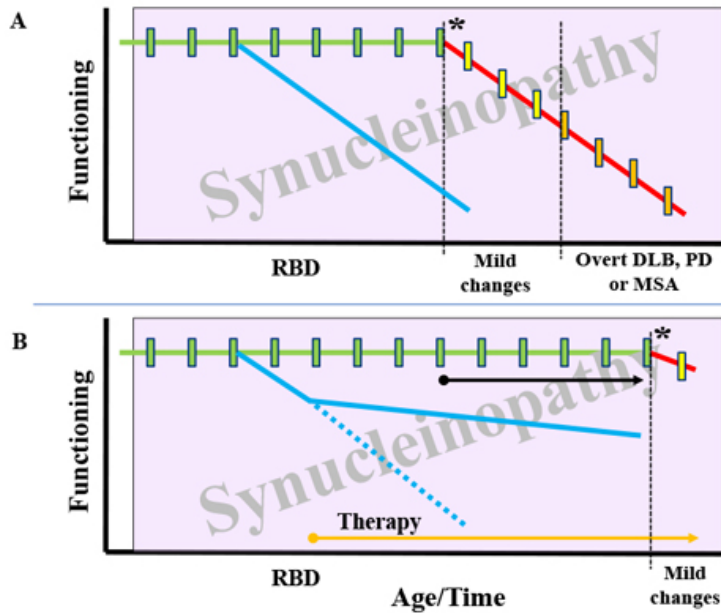
Pain protocol avoids opioids after Chiari malformation surgery

An intraoperative injection of liposomal bupivacaine can reduce opioid use in the first 24 hours after surgery. Following that period, Mayo Clinic uses nonopioid medications to aggressively treat pain.

[Learn more](#)

[See more Neurology and Neurosurgery news](#)

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



Study identifies biomarkers to help prevent synucleinopathies

Mayo Clinic is co-leading research to identify biomarkers for neurodegenerative diseases in people with REM sleep behavior disorder. The ultimate goal is clinical trials of therapies to delay or prevent synucleinopathies.

[Learn more](#)

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.

See all [Neurology](#) and [Neurologic Surgery](#) Continuing Medical Education courses



Electromyography (EMG), Electroencephalography (EEG) & Neurophysiology in Clinical Practice — 2022

Feb. 19-24, 2022
Phoenix

This course reviews techniques and topics of neurophysiology, including basic physiology, pathophysiology, electroencephalography, evoked potentials, electromyography, movement disorders and intraoperative monitoring.

[Register Now](#)



8th Annual Neuro and Intensive Care: Review, Workshops and Controversies 2022

May 5-7, 2022
Orlando, Fla., and Livestream

Topics include neurological and neurosurgical emergencies, acute stroke and brain hemorrhage, acute brain injury, coma, and disorders that require management in the emergency department, intensive care and hospital.

[Register Now](#)

COVID-19 updates & resources

[Read more](#)

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

Online Referrals

Resources

[Life-Changing Careers: Physicians & Scientists](#)

[Clinical Trials](#)

[Mayo Clinic School of Continuous Professional Development](#)



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