

# NEUROSCIENCES

## PHYSICIAN UPDATE E-EDITION



September 2020

### COVID-19 Updates

Find resources for providers on the [Medical Professionals Resource Center](#)

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



### Patient Care

#### [Moyamoya clinic offers specialized expertise](#)

Mayo Clinic's moyamoya clinic provides comprehensive care for this rare cerebrovascular disease. Within a single clinic visit, patients can see a multidisciplinary care team and receive a treatment plan.

#### [Pediatric brain tumor clinic provides multidisciplinary care](#)

Patients referred to Mayo Clinic for pediatric brain tumor can often be seen the next day. A team of specialists works together, drawing on Mayo's broad expertise in neuro-oncology.



## Research

### [Clinical trial of stem cell treatment after spinal cord injury shows early promise](#)

Mayo Clinic's CELTOP trial involves intrathecal injections of autologous adipose-derived stem cells. Mayo's investigations focus on how stem cells can potentially reverse the microenvironmental changes that inhibit axonal regeneration after spinal cord injury.

### [Glioblastoma extracellular vesicles play a complex role in immune suppression](#)

The mechanisms by which glioblastoma-derived extracellular vesicles promote tumor growth appear to be more complicated than previously thought. Mayo Clinic is working to exploit certain factors of extracellular vesicles, to better diagnose and treat glioblastoma.

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



## Education

Mayo Clinic School of Continuous Professional Development offers [online CME courses](#) and [podcasts](#) to help meet your CME needs during the COVID-19 pandemic.

### [4th Annual Multidisciplinary Spine Care Conference 2020 — LIVESTREAM](#)

Oct. 24, 2020

This livestream CME course is designed to enhance physician and advanced practice provider skills in the management of patients with diverse spinal disorders and conditions. Mayo Clinic faculty members lead discussions concerning the management of spinal disorders, as well as technological advancements, controversial spine topics, complications and socioeconomic issues. The course provides a mixture of didactic, case-based and evidence-based guideline review, along with an opportunity for panel discussion.

### [Skull Base and Aneurysms Rhoton Course: Microsurgical and Endoscopic Approaches 2020 — LIVESTREAM](#)

Nov. 7, 2020

This livestream CME course is a review of surgical approaches and operative techniques pertaining to surgical treatment of skull base lesions such as skull base tumors, cerebral aneurysms and other disorders. The course is designed for neurosurgeons, ENT specialists, residents, fellows and mid-level providers to provide a global approach to the skull base. It combines both microscopic and endoscopic techniques along with a mixture of didactic and case-based discussions that focus on application of these techniques.

### [Neurology in Clinical Practice Online CME Course](#)

This online CME course provides a comprehensive, evidence-based review in recent advances in the evaluation, diagnosis, treatment and management of neurological disorders. The course consists of case-based presentations that serve as a primer of common neurological clinical problems. This course expires July 20, 2023.

See all [Neurology](#) and [Neurologic Surgery](#) Continuous Professional Development courses



## In the Video Center

### [New brain tumor treatments and regenerative medicine](#)

Mayo Clinic neurology and neurosurgery team members discuss the most cutting-edge treatments available at Mayo Clinic for the care of brain cancer.

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

## Consults and Referrals

**Phoenix/Scottsdale, Arizona**  
844-464-0050 (toll-free)

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

**Jacksonville, Florida**  
844-275-1062 (toll-free)

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

**Rochester, Minnesota**  
844-384-4982 (toll-free)

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

**Neurology**  
507-405-0786

**Neurosurgery**  
507-405-0873

[Online Referrals](#)

## Resources

[Careers: All Physician Specialties](#)

[Clinical Trials](#)

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

## Connect With Us



---

### Comments?

We're interested in your feedback about this newsletter.

### Pass It On!

Invite a friend to subscribe.

### Mayo Clinic

13400 E. Shea Blvd.  
Scottsdale, AZ 85259

4500 San Pablo Road  
Jacksonville, FL 32224

200 First St. SW  
Rochester, MN 55905

