

December 2019



## Patient Care

### [7-Tesla MRI uncovers brain abnormalities undetected by MRI with lower magnet strengths](#)

Clinical use of 7-Tesla MRI enhances Mayo Clinic's ability to manage epilepsy, certain brain and peripheral nerve tumors, and other neurological disorders.

### [Mayo sites offer bronchoscopic treatment for emphysema](#)

Specialists at all three Mayo Clinic campuses offer bronchoscopic lung volume reduction, a less invasive alternative to lung volume reduction surgery for patients with emphysema and hyperinflation.

### [Mayo Clinic offers MRI-directed, minimally invasive focal therapies for prostate cancer](#)

Focal therapy treats only the area with the most aggressive tumor, while leaving the rest of the prostate alone. Options include cryoablation, focal laser ablation and high-frequency ultrasound ablation.



## Research

### [AI-enabled electrocardiogram detects recent and impending atrial fibrillation](#)

A study supports that artificial intelligence (AI) can detect signs of an irregular heart rhythm in an electrocardiogram, even if the heart is in

normal rhythm at the time of a test.

### [Home-based rehabilitation offers patients with COPD an effective alternative to in-program care](#)

Mayo Clinic's home-based pulmonary rehabilitation program provides patients who have chronic obstructive pulmonary disease (COPD) with a health coach and a computer-guided activity and monitoring program.

See all [Family Medicine](#) and [General Internal Medicine](#) Clinical Trials at Mayo Clinic



## Education

### [Mayo Clinic Talks Podcast](#)

Each month, Mayo Clinic specialists discuss a variety of topics helpful to primary care practice.

### [4th Annual Sports Medicine for the Primary Care Clinician 2020](#)

March 6-8, 2020, in Orlando, Fla.

Gain the confidence to accurately diagnose and treat sports-related conditions and the knowledge to determine appropriate testing and referral criteria, plus improve specific skills in physical exam and imaging interpretation.

### [5th Southwest Laryngology Conference and Webcast: Practical Laryngology](#)

April 2-4, 2020, in Phoenix

This course addresses challenging laryngeal-related disorders and corresponding rehabilitation techniques. Focus includes voice and swallowing topics, surgical procedures and techniques for post-surgical swallow rehabilitation, and post-laryngectomy voice restoration.

### [5th Annual SKIN: Practical Dermatology for the Generalist 2020](#)

April 16-18, 2020, in Nashville, Tenn.

The course emphasizes general dermatology skills for the primary care physician and non-dermatologists. Topics include management of moles, skin infections, cancers, rashes, and lumps and bumps, plus simple dermatologic procedures.

See all [Family Medicine](#) and [Internal Medicine and Subspecialties](#) Continuous Professional Development courses



## In the Video Center

### [Ultrasound-guided fasciotomy shows promise as alternative to standard fasciotomy in treating chronic exertional compartment syndrome](#)

According to Mayo Clinic physiatrist Jonathan T. Finnoff, D.O., this Mayo Clinic-developed technique may result in fewer complications and faster return to activity for patients.

Visit the [Medical Professional Video Center](#) to view specialty and Grand Rounds presentations

## Consults and Referrals

Phoenix/Scottsdale, Arizona

844-255-4442 (toll-free)

Jacksonville, Florida

855-691-1265 (toll-free)

[Rochester, Minnesota](#)

888-380-4055 (toll-free)

[Online Referrals](#)

## Resources

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