



# Cardiovascular Physician Update

December 2021

## Patient Care

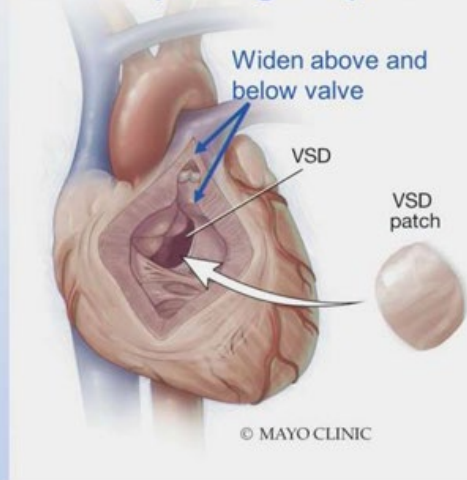


### **Order reversal for heart-liver transplant increases success for some patients**

A Mayo Clinic study published in the Journal of the American College of Cardiology shows transplanting the liver first in a heart-liver transplant significantly decreases rejection rates for highly sensitized patients.

[Learn more](#)

## Valve-Sparing Repair



## Mayo Clinic — Tetralogy of Fallot

Elizabeth H. Stephens, M.D., Ph.D., discusses the anatomy, physiology and surgical management of tetralogy of Fallot. Although surgical repair is performed in infancy, patients frequently require re-operation on the pulmonary valve as teenagers or adults.

[Learn more](#)

## TTR vs. AL cardiac amyloidosis: Don't rely on imaging alone

Martha Grogan, M.D., and Omar F. Abou Ezzeddine, M.D., C.M., M.S., discuss amyloid light chain (AL) amyloidosis and transthyretin (TTR) amyloidosis. Prompt diagnosis is important: Patients with amyloidosis can deteriorate rapidly.

[Learn more](#)

## Easily make referrals to Mayo Clinic or access your patients' medical records

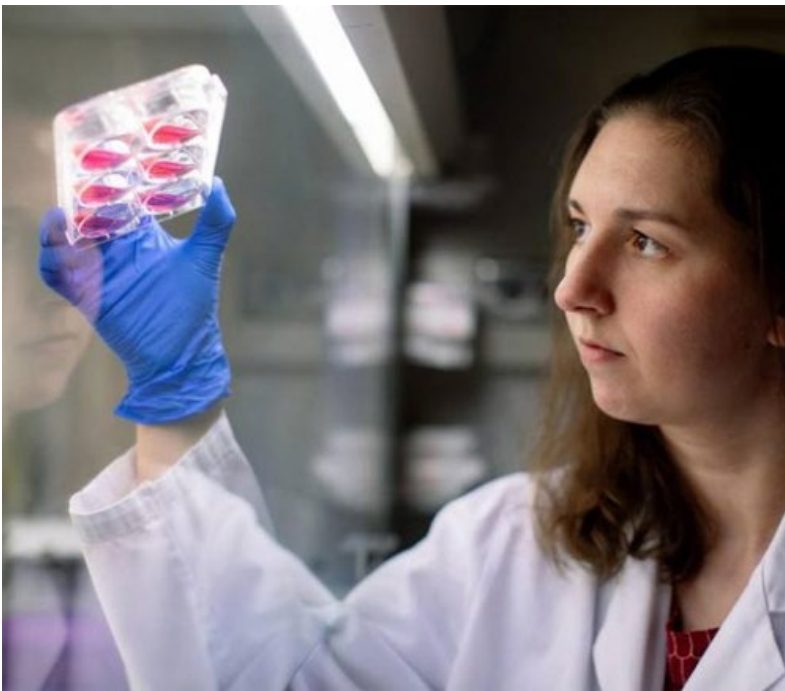
Enroll in Mayo Clinic CareLink referring physician portal to make a referral and access your patients' medical records 24/7. CareLink may be accessed on desktop and tablet browsers.

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# Research



### **Exosomes hold implications for cardiac and tendon regeneration, wound healing, and incontinence**

Researchers studying the difference between responders and nonresponders to stem cell therapy found a crucial difference in the types of exosomes released by highly regenerative stem cells.

[Learn More](#)

See all [Cardiovascular Medicine](#) and [Cardiovascular Surgery Clinical Trials](#) at Mayo Clinic

## Education

### **Cardiovascular Medicine Continuing Medical Education Offerings**

Mayo Clinic Cardiovascular Education offers learning opportunities to fit your busy lifestyle. Enjoy complimentary online videos and live webinars. Browse listings for in-person, livestream, online and complete board review courses and maximize your learning.



## Cardiology at Cancun: Topics in Clinical Cardiology

Feb. 28-March 4, 2022

Cancun, Mexico, and Livestream

This program presents evidence-based and practical clinical approaches to diagnosis, prevention and therapy for ischemic heart disease, heart failure, pulmonary hypertension, valvular heart disease and heart rhythm disorders.

[Register Now](#)



## Cardiovascular CME

## Mayo Clinic Cardiovascular CME Podcast

In this complimentary series, Mayo Clinic specialists explore a multitude of today's most pressing topics in cardiology and provide valuable insights that can be directly applied to your practice.

[Listen to Podcasts](#)

## COVID-19 updates & resources

[Read more](#)

## Consults and Referrals

### Arizona, Florida and Minnesota

[Online Referrals](#)

[Cardiovascular Medicine](#)

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### Rochester, Minnesota

[Pediatric Cardiology](#)

### Eau Claire, Wisconsin

[Cardiovascular Medicine and Surgery](#)

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