

Clinical research updates



Highlights in the latest research from Mayo Clinic Healthcare cardiology specialists.

Dr Gosia Wamil's [research](#) on the stratification of diabetes in the context of comorbidities, has recently been published in Nature Scientific Reports.

Professor Stephen Brecker's [research](#) on the ongoing experience with patient-specific computer simulation of transcatheter aortic valve replacement (TAVR) in bicuspid aortic valve has been published in Cardiovascular Revascularization Medicine. His [work](#) demonstrating the value of patient-specific computer modeling to guide redo TAVR has been published in JACC: Cardiovascular Interventions.

Dr Ricardo Petraco's [research](#) on the development of artificial intelligence tools for invasive Doppler-based coronary microvascular assessment has been published in EHJDH.

Cardiology event roundup

Mayo Clinic Healthcare hosted an autumn cardiology event for clinicians. Attendees toured the clinic and its multi-modality cardiac imaging services.

Professor Bernard Gersh, cardiologist at Mayo Clinic in Rochester, Minnesota, delivered a talk on upstream therapy for the prevention of atrial fibrillation. Attendees also heard from our London cardiologists, Professor Elijah Behr discussed screening for the risk of sudden death in the young and Dr Jonathan Hill discussed managing coronary artery disease.

Winter gastroenterology event

We invite you to attend our gastroenterology event on 28 November at our London clinic. You will hear from Professor [Pradeep Bhandari](#) on the role of GI endoscopy in 2023 and beyond, and from [Dr Sarmed Sami](#) on heartburn refractory to PPIs and what to do next.

[Register here](#)

Finding support for hypertrophic cardiomyopathy

After experiencing difficulty breathing, Gerard Kenneally was diagnosed with hypertrophic cardiomyopathy in Ireland. He sought support from Mayo Clinic Healthcare and cardiac imaging found an obstruction in his heart. The team connected him with specialists at Mayo Clinic Rochester to undergo surgery to improve his quality of life.

Hear about [Gerard's experience](#)

Meet our new cardiologists

Mayo Clinic Healthcare's cardiology team is growing. With consultant examination and diagnostic imaging all under one roof, our experts can diagnose and treat a range of cardiac conditions. Read about our newest cardiologists below.

Sundeep Kalra MA HONS, MBBS, MRCP

Dr Sundeep Kalra is an experienced cardiologist with a specialist interest in interventional cardiology. He undertook specialist training in cardiology and interventional cardiology at King's College Hospital.



Ricardo Petraco MD, PhD, MRCP

Dr Petraco is an internationally recognised cardiologist with extensive clinical and academic experience in coronary artery disease. He has an interest in the diagnosis and treatment of cardiac chest pain and heart attack, with expertise in coronary physiology and intravascular imaging.

Meet the rest of our experienced cardiology team:

Jonathan Hill, MBChB, FRCP



[Gosia Wamil](#), MD, MRCP, PhD

[Stephen Brecker](#), MD, FRCP, FESC, FACC



[Tito Kabir](#) MBBS, FRCP, PhD



[Sanjay Prasad](#), MD, FRCP



[Elijah Behr](#), MBBS, MD, FRCP, FESC

Refer with confidence

We accept referrals for specialist services, diagnostic imaging, including MRI and CT, as well as into our endoscopy suite. Make a referral to one of our specialists.

[Refer a Patient](#)

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