



Columbia Surgery
**Cardiovascular and
Thoracic Newsletter**



ColumbiaDoctors

NewYork-Presbyterian
Columbia University Medical Center



Message from the Chief

Winter 2018

Dear Colleague,

This month, I am pleased to highlight Columbia's innovative program in Surgical Sciences. We've launched this initiative to streamline the process of bringing novel therapies and surgical advances into clinical practice, while giving surgeons the opportunity to pursue their own research. In this issue, we focus on the groundbreaking work of Giovanni Ferrari, PhD, and his wide-ranging contributions to cardiothoracic research.

We also feature extended interviews with two new members of our faculty: Vinayak (Vinnie) Bapat, MD, a world leader in transcatheter mitral valve repair (TMVR), and Virendra (V) Patel, MD, MPH, a renowned expert of aortic surgery.

I hope you will join us for our upcoming CME courses. Please visit us at columbiasurgeryCME.org. View our newsletter site [here](#).

Best Regards,

Craig R. Smith, MD, FACS

Chair, Department of Surgery

[Surgical Sciences Faculty: New Insights into the Human Heart](#)

In this interview, we present the groundbreaking work of Giovanni Ferrari, PhD, Scientific Director of the Cardiothoracic Research Program and Director of the Columbia Biobank for Translational Science. His studies will lead to better cardiac therapies, contribute to the evolution of precision medicine, and change the way we train the next generation of physicians.

[Read more](#)

To refer a patient, please call 855-CU-SURGE or 212-305-3408.

[Leading the Revolution in Valve Surgery](#)

NYP/Columbia has been a national leader in new devices for mitral valve and tricuspid valve surgery. With the expertise of [Vinayak \(Vinnie\) Bapat, MD](#), who joined the Department of Surgery in 2017, the hospital can now provide even more options for valve surgery, helping even the most complex patients.

[Read more](#)

To refer a patient Dr. Bapat, please call 212-342-0444.

[New Options for Repairing Aortic Aneurysms](#)

[Virendra \(V\) Patel, MD, MPH](#), is a versatile vascular surgeon and researcher, providing innovative solutions for the treatment of aortic aneurysms and dissections. In fall 2017, he was named Chief of the Section of Vascular Surgery and Endovascular Interventions and Co-Director of the Aortic Center. Already known world-wide for its comprehensive management of both chronic and acute aortic disease, the Aortic Program has consistently high outcomes and is able to treat even the most complex patients.

[Read more](#)

To refer a patient to Dr. V. Patel or Dr. Hiroo Takayama at the Aortic Center, and for urgent consultation, please call 844-792-6782 (844-RX-AORTA).

[Leaders in Treating Hypertrophic Cardiomyopathy](#)

Columbia's Center for Hypertrophic Cardiomyopathy (HCM) is one of a few programs in the nation specializing in the multidisciplinary treatment of this

condition. This approach allows us to provide a high level of integrated care, as well as exceptional continuity of care, for patients and families, at every age and every stage of this disease.

In recent years the Center has developed a strong collaboration with geneticists, interventionists, electrophysiologists, and cardiac imaging specialists. It has also adopted a new surgical approach to HCM using 3D CT and more extensive septal myectomy.

[Read more](#)

To refer a patient to the HCM Center, please call 212-305-8013.

PATIENT STORY: Columbia Heart Team Saves a Cancer Patient

With next generation mechanical assist device

Read about our first Heartmate 3™ patient, Joe DeRosa. This life-saving device is now FDA approved for patients with advanced heart failure awaiting a transplant just like Joe did.

[Read more](#)

Research

[Cardiac presentations and publications](#)

[Vascular presentations and publications](#)

[Thoracic presentations and publications](#)

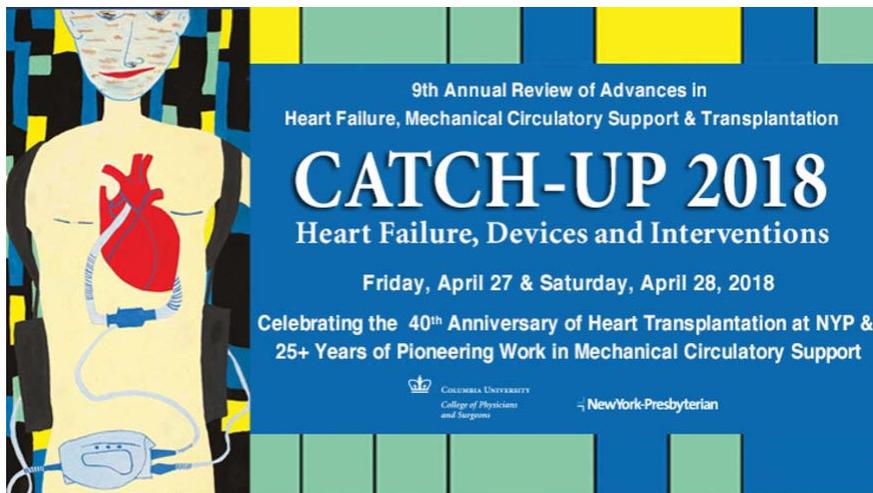
CME Education



[The 9th Annual Abdominal Wall Reconstruction Summit](#)



[Pancreas Symposium 2018: Current Controversies in Benign Pancreatic Disease](#)



[CATCH-UP 2018: 9th Annual Cardiac Assist Device Therapy Course](#)



[Breast Cancer Management 2018](#)



[Congenital Heart Valve Symposium at Columbia: From Bench to Bedside](#)



[The Fifth Annual Cardiovascular Summit 2018](#)

Webinars

Our vast library of videos and webinars

is available 24/7 for your convenience.

Cardiovascular Webinars for physicians are available [here](#).



Patient Referral

To refer elective patients, call 212.305.7013 or 212.304.7810.

Email, info@columbiasurgery.org.

Urgent and emergency transfers: 1.800.NYP.STAT.

[Physician Referral Form](#).
