



Columbia Surgery
**Cardiovascular and
Thoracic Newsletter**



ColumbiaDoctors

NewYork-Presbyterian
Columbia University Medical Center



Message from the Chairman

Spring 2017

Dear Colleague,

This month we celebrate the 60th anniversary of Open Heart Surgery at NewYork-Presbyterian Columbia University Irving Medical Center, which began with breakthroughs in the treatment of congenital heart disease, then expanded with major advances in valve surgery, heart transplantation, mechanical circulatory assist devices, and bypass surgery.

In *Seminars in Thoracic Surgery* (Elsevier) Dr. Michael Argenziano describes a century of innovation in Cardiothoracic surgery, noting our advances in clinical care, multidisciplinary collaboration and physician education, along with our evolving expertise in minimally invasive surgery and catheter-based interventions. Read more below.

In this newsletter, you'll learn about our recent advances in treating Peripheral Artery Disease (PAD), and our collaborative efforts to treat cardiac tumors, making us one of the most advanced centers in the world to address this condition.

I hope you will join us for our upcoming CME courses. Please visit us at columbiasurgeryCME.org.

Best regards,
Craig R. Smith, MD, FACS
Chairman, Department of Surgery

Advances in Treating PAD (Peripheral Artery Disease)

PAD now affects more than 8.5 Americans and is becoming more prevalent as the population ages – yet this condition often goes undiagnosed. Patients with peripheral arterial disease have a higher risk of coronary artery disease, heart attack or stroke. Left untreated, PAD can lead to gangrene and amputation.

NYP/Columbia's vascular surgeons currently perform about 10 angiograms each week to evaluate claudication in suspected cases of PAD. "Though we use the latest innovations and surgical techniques, we don't push patients into the OR," says Nicholas Morrissey, MD, one of the nation's leading vascular surgeons. "We have a healthy respect for the challenges a patient faces after intervention. Our multidisciplinary approach allows us to start with medical management. We recommend a procedure once the patient's lifestyle is seriously impacted and are known for our success in handling the most complex and challenging cases.

Read more here: <http://columbiasurgery.org/news/2017/03/11/advances-treating-pad-peripheral-artery-disease>

Columbia's Cardiac Tumor Program

One of the most advanced and comprehensive in the world

The Columbia Cardiac Tumor Program is a collaborative effort of leading cardiologists, oncologists and cardiac surgeons caring for adult patients with tumors of the heart. These range from benign cardiac myxomas (the most common heart tumor) to aggressive angiosarcomas that are often fatal if not diagnosed and treated rapidly.

"Our rare combination of expertise in all aspects of cardiac tumor care, coupled with cutting edge imaging and the latest surgical techniques have allowed us to develop one of a handful of distinguished programs in the world. Patients ranging in age from 20 to 85 benefit from our expertise," says Daniel O'Connor, MD, PhD, and co-director of the program with Gregg Rosner, MD. "We receive referrals from near and far of complex patients that few centers anywhere can

help."

Read more here: <http://columbiasurgery.org/news/2017/03/11/columbia-s-cardiac-tumor-program>

A Century of Innovation in Cardiothoracic Surgery at Columbia

The Columbia Cardiothoracic Surgery Program dates back to the earliest days of the specialty and embraces advances in pediatric cardiac surgery, heart transplantation and heart replacement, a new era of valve repair, minimally invasive surgery, and catheter-based interventions. Our latest advances include a new paradigm of multispecialty collaboration and the transformation of the surgical training model.

Read more

here: <http://www.sciencedirect.com/science/article/pii/S1043067916301514>

New Location for Dr. Gary Tannenbaum

Gary Tannenbaum, MD, RVT, FACS, Chief of Vascular and Endovascular Surgery at NewYork-Presbyterian/Lawrence Hospital in Bronxville, NY, now offers a full range of services in Southern Westchester country. He has been treating patients since 1992 after completing his Residency in General Surgery at Columbia Presbyterian Medical Center and Vascular Surgery Fellowship at New England Deaconess Hospital in Boston.



Read more here: <http://columbiasurgery.org/news/2017/03/14/new-location-dr-gary-tannenbaum>

For Your Patients: Preventive Cardiology

How to lessen your risk for Heart Surgery

"In the past ten years, we have been emphasizing prevention for many forms of heart disease", says Dr. Edward Schuster, assistant clinical professor of Cardiology at NewYork-Presbyterian/Columbia. "With a healthy diet, no smoking and proper medication, we have cut the death rate from coronary events by 50 percent. In Fairfield County, where Columbia has an affiliate

hospital, this figure has dropped by an impressive 80 percent, indicating that lifestyle changes can have a big effect."

This is important information, since heart disease is now the number one killer of men and women in the United States. Studies show that preventative cardiology can reduce the need for cardiac bypass surgery, stents, and aneurysm repair in most people, Dr. Schuster explains, but does not lower the risk of valvular heart disease.

Read more here: <http://columbiasurgery.org/news/2017/03/12/preventive-cardiology-how-lessen-your-risk-heart-surgery>

For Your Patients: Support Group for Pulmonary Arterial Hypertension (PAH)

Physicians at NewYork-Presbyterian Hospital have made great strides in the treatment of Pulmonary Arterial Hypertension (PAH). In 1991, the lung transplant waiting list in New York City was approximately two years long. Valerie Pierce, then 30, didn't have two years to wait, so she participated in a clinical trial for patients with PAH, and was addressed without a transplant. She now manages a patient support group at the hospital's PAH Center.

Read more here: <https://www.facebook.com/newyorkpresbyterian/>

Presentations and Papers

Cardiac Surgery: <http://columbiasurgery.org/healthcare-professionals/cardiac-surgery-presentations-and-research>

Thoracic Surgery: <http://columbiasurgery.org/healthcare-professionals/thoracic-surgery-presentations-and-research>

Vascular Surgery: <http://columbiasurgery.org/healthcare-professionals/vascular-surgery-presentations-and-research>

Online Presentations

Emerging Techniques in Mitral Valve Surgery & Intervention available here: <https://www.tctmd.com/MitralValveSurgery>

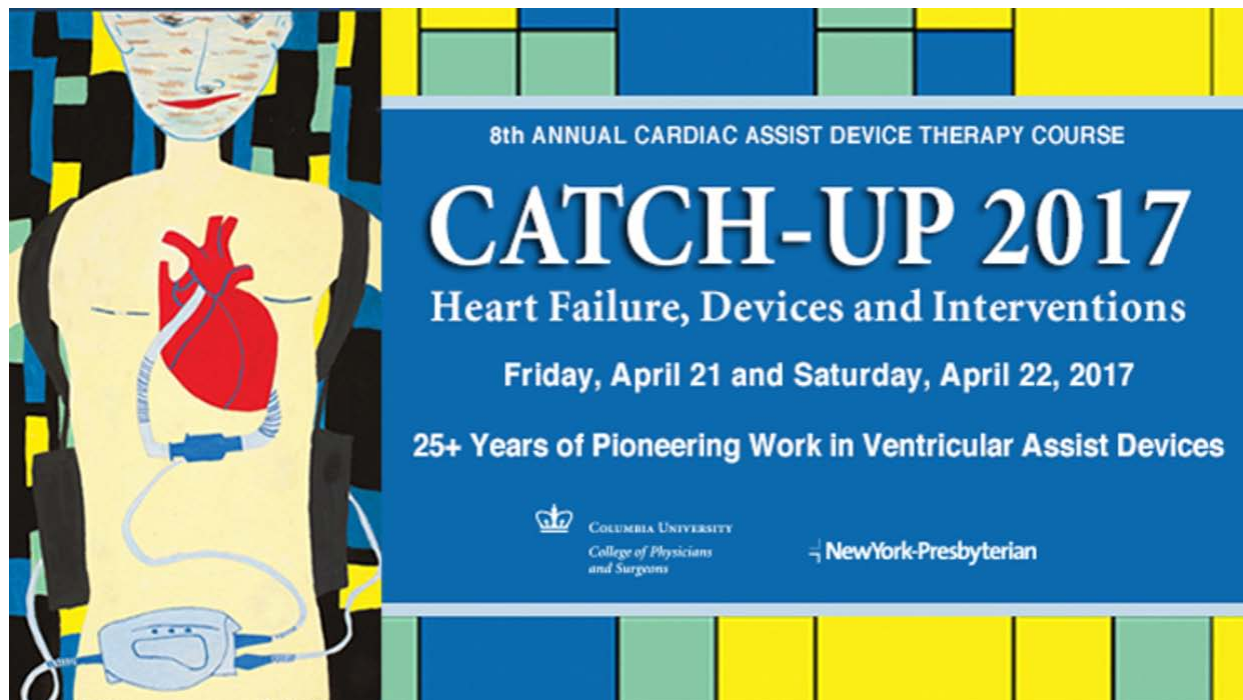
Drs. Michael Argenziano, Michael Borger, and Isaac George discuss Emerging

Techniques in Mitral Valve Surgery in this non-CME webinar discussion, which will focus on improved patient care and better outcomes for those with Mitral Valve disease.

This program is designed for general practitioners, general and interventional cardiologists, arrhythmia specialists, and cardiothoracic surgeons and will cover

- Mitral Valve Repair for Degenerative Disease
- Minimally Invasive Mitral Valve Surgery
- Surgery for Ischemic / Functional Mitral Regurgitation
- Transcatheter Mitral Valve Repair and Replacement

CME Education





Learn more about our current programs here:

<http://columbiasurgery.org/events/continuing-medical-education>

To register contact Annmarie Tarleton, Special Events Coordinator, Columbia University Medical Center at 212.304.7813 or at3004@cumc.columbia.edu.

View archived educational programs here: <http://columbiasurgery.org/events/archived>

Webinars

Our vast library of videos and webinars is available 24/7 for your convenience.

Cardiovascular Webinars for physicians are available



here: <http://columbiasurgery.org/education-training/cardiovascular-webinars>

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: https://secure.cumc.columbia.edu/surgery/form/physician_referrals.html
