

Winter 2016, Volume 2

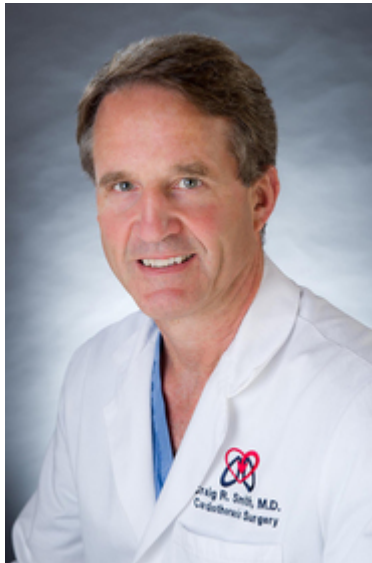


Columbia Surgery Cardiovascular and Thoracic Newsletter



ColumbiaDoctors

NewYork-Presbyterian
Columbia University Medical Center



Message from the Chairman

November 2015

Dear Colleagues,

The Division of Cardiac, Thoracic and Vascular Surgery is pleased to share a selection of news, programs, and publications of interest. We hope you will join us at our upcoming CMEs and webinars this winter and spring. Please see the following links:

[View Upcoming Educational Events and Community Programs.](#)

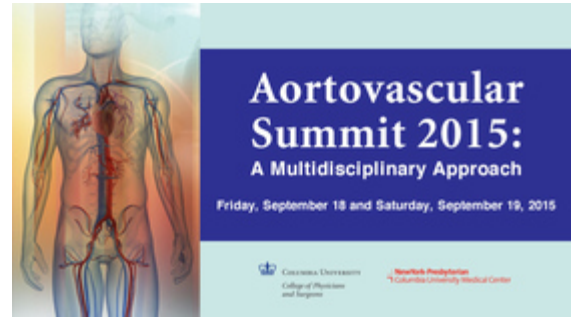
[View our cardiovascular webcasts.](#)

Best regards,
Craig Smith, MD

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

Section of Cardiac Surgery

This September we held our second annual Aortovascular Summit. This two-day course represented a unique multidisciplinary collaboration between



interventional cardiologists, vascular, thoracic and cardiac surgeons, allowing for a truly comprehensive approach to the management of aortic and vascular disease. In the near future, check for archived presentations from this event.

<http://columbiasurgery.org/events/archived>

Cardiovascular Surgery

The Columbia-Coulter Translational Research Partnership has awarded a \$113,387 grant entitled “Ultraviolet Laser Sleeve” to a Department of Surgery team led by [Henry Spotnitz, MD](#) and including Drs. [Roman Nowygrod](#), [Yoshi Naka](#), and [Hiroo Takayama](#). The team will work with David Brenner and Andreas Heilscher to explore clinical applications of ultra-short, single wavelength ultraviolet light.

Harboring Hearts Award

[Harboring Hearts](#) is a 501 (c)(3) public charity dedicated to providing affordable, short-term accommodations and other vital support for critically ill patients and families battling heart disease and poverty. At this year’s gala event, the organization honored [Hiroo Takayama, MD, PhD](#), co-director of the [Hypertrophic Cardiomyopathy Center](#), for his leadership in cardiac care.

Thoracic Surgery

In thoracic surgery, Drs. [Matthew Bacchetta](#), Gordana Vunjak-Novakovic, and colleagues in the Department of Medicine and Columbia Engineering have developed a new method of instilling micro-liters of drug-infused liquid into the lung. This innovative approach provides a potentially powerful alternative to traditional methods of drug delivery by infusing accurate doses of medication to their target and by preventing drugs from adversely affecting other organs in the body. Their paper, “Targeted delivery of liquid microvolumes into the lung,” was published in the [August 31, 2015 online Early Edition of Proceedings of the National Academy of Sciences \(PNAS\)](#).

More about the team’s research is available [here](#).

Diaphragm Program

NYP/Columbia is the only U.S. hospital to offer a program dedicated to the treatment of diseases of the diaphragm. Diaphragmatic disorders such as congenital diaphragmatic hernias, diaphragmatic paralysis, diaphragm paresis, and neurogenic respiratory failure cause significant disease and disability, but remain largely undertreated. Our multidisciplinary team, which includes pulmonologists, thoracic surgeons, neurologists, radiologists, and researchers, is able to offer advanced treatment options including diaphragmatic pacing, plication for paresis/paralysis, and surgical repair of the diaphragm.

To discuss a case, please contact [Dr. Mark Ginsburg](#) at 212.305.3408 or meg18@cumc.columbia.edu.

Vascular Surgery and Endovascular Interventions Division

The Vascular Surgery and Endovascular Interventions Division welcomes three new faculty members.



[Firas F. Mussa, MD, MS](#)

Dr. Mussa is nationally and internationally recognized as a thought leader in the treatment of aortic dissection. Under his direction, NYP/Columbia will lead a pivotal multicenter trial (100 sites in the U.S. and Europe) to compare stenting to optimal medical therapy in patients with uncomplicated type B aortic dissection.

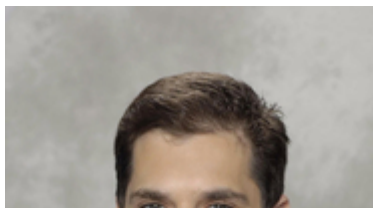
Contact Dr. Mussa at ffm2110@cumc.columbia.edu or 212.342.5532.



[Gary Tannenbaum, MD, RVT, FACS](#)

An accomplished general and vascular surgeon, Dr. Tannenbaum is the new Director of Vascular and Endovascular Surgery at NewYork-Presbyterian/Lawrence Hospital. He also has offices in Yonkers, NY.

Contact Dr. Tannenbaum at gat1@cumc.columbia.edu or 914.965.2606.



[Richard Schutzer, MD, RVT, FACS, FICA](#)

Dr. Schutzer's clinical expertise centers on limb salvage, dialysis access, percutaneous aneurysm



repairs, and venous insufficiency. He is known for his expertise in treating complex cases with a notably low complication rate.

Contact Dr. Schutzer at rs3616@cumc.columbia.edu or 212.305.8591.

Publications

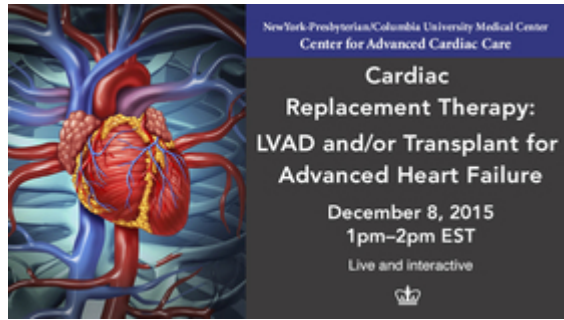
[Paul Kurlansky, MD](#), Associate Director, Center for Innovation and Outcomes Research at NewYork-Presbyterian/Columbia University Medical Center, contributed an editorial titled "[Diabetes: To graft or not to graft is no longer the question](#)" in the August, 2015 edition of the Journal of Cardiac and Thoracic Surgery. His editorial explains that although interventional procedures such as angioplasty and hybrid, endovascular procedures can provide less invasive alternatives to coronary artery bypass grafting (CABG), diabetic patients ultimately fare better with CABG.

Also in cardiac surgery, Dr. Kurlansky's paper "[Bilateral Versus Single Internal Mammary Artery Grafting in the Elderly: Long-Term Survival Benefit](#)" was selected as the Chamberlain lecture at this year's annual Society of Thoracic Surgeons meeting.

[Michael Argenziano, MD](#), published his third paper within 12 months in the New England Journal of Medicine: "[Surgical ablation of atrial fibrillation during mitral-valve surgery.](#)"

Webinars

The Division continually holds webinars and live educational seminars for physicians. You may access these events both live and in archives after-the-fact at our [web site](#).



Our next webcast will be Tuesday, December 8th, entitled: [Cardiac Replacement Therapy: LVAD and/ or Transplant for Advanced Heart Failure](#).

This non-CME webinar is designed for general practitioners, general cardiologist, heart failure specialists, and cardiothoracic surgeons, and will explore the current standard of care for advanced HF patients with specific focus on:

- patient selection for advanced therapies and appropriate referral times;
- current indications for transplantation and LVADs;
- potential complications and available treatments;
- review new technologies and ongoing trials.

For the latest on heart valve disease, visit our 2015 TCT webinars:

CUMC Heart Valve Center:

[CTEPH and PTE: A Conversation with the Experts](#)

[Left Atrial Appendage Occlusion for Stroke Prevention in Atrial Fibrillation: The Future is Now](#)

[Emboic Protection in TAVR: Is It Necessary?](#)

[New Frontiers of Treatment for Mitral Valve Disease](#)

[Who is a Good Surgical Candidate in the Era of TAVR?](#)

To transfer a patient, please call: 1.800.NYP.STAT. See [here](#) for more on patient transfers.

To locate a specific physician or learn more about educational opportunities in the department, please see our section for [Healthcare Professionals](#).

