

Spring 2016



# Columbia Surgery Cardiovascular and Thoracic Newsletter



ColumbiaDoctors

NewYork-Presbyterian  
Columbia University Medical Center



## Message from the Chairman

April 2016

Dear Colleagues,

You are receiving this e-letter because we know that the best patient care takes a solid team, and we greatly value your partnership with the Department of Surgery in the care of patients with surgical conditions. We would like to let you know about several new and expanding programs that may be important to your patients with cardiovascular disease.

In addition, we hope you will join us at our upcoming [CMEs](#) and [webinars](#) this spring. Archived Cardiovascular Webinars for physicians are available [here](#).

Best regards,  
Craig Smith, MD

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

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## Comprehensive Aortic Center

NewYork-Presbyterian/Columbia University Medical Center has established a Comprehensive Aortic Center that focuses on aortic dissection, aneurysms and patient surveillance, and is directed jointly by cardiac and vascular surgeons in the Department of Surgery. The 24/7 on-call aortic team is managed by Tracy Andrews, DNP, ACNP, a highly experienced cardiac surgical nurse practitioner, and includes cardiologists, vascular surgeons, cardiac surgeons, and interventionalists. This collaboration provides expert care for patients with all types of aneurysms and dissections, and is particularly important in the case of aneurysms and/or dissections that require both cardiac and thoracic expertise. Co-directors [Michael Borger, MD, PhD](#), and [Richard Green, MD](#), perform EVAR as well as open procedures, such as the elephant trunk, in complex patients involving the descending thoracic aorta. The elephant trunk procedure prepares the ascending aorta in such a way that it is compatible with a stent graft, better facilitating that portion of surgery and reducing the risk of kidney damage and other surgical complications. For patients whose conditions are eligible for less invasive treatment, experienced surgeons/interventionalists at the center offer TEVAR as well as other endovascular and hybrid procedures.

Along with medical and surgical care, the center provides genetic testing and counseling in order to identify and optimally treat connective tissue disorders and other genetic conditions underlying aneurysmal disease. Geneticist [Wendy Chung, MD](#) and the Cardiogenetics program at NYP/Columbia provide the most thorough and sophisticated genetic testing and counseling available in the country. Testing and counseling is extended to family members as well as patients so that prevention and early detection plans can be implemented.

Whether or not patients undergo surgery, the program offers a unique approach to ongoing surveillance that includes collaboration with internal medicine, cardiology, and other specialties at NYP/Columbia.

For information or to refer a patient for evaluation, please call 212.305.6652.

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## **Pulmonary Hypertension**

NYP/Columbia's [Pulmonary Hypertension Center](#) is one of the largest dedicated PH centers in the world. The center is now accredited by the Pulmonary Hypertension Association as a designated Tier 1 Center for Comprehensive Care. Serving children and adults with highly complex conditions, the center offers patients every known treatment option including medications (both proven and in clinical trials), lung transplantation, mechanical support, and ECMO (both as bridge to transplant and bridge to recovery). The center is co-directed by Medical Director [Erika Berman Rosenzweig, MD](#), who is also Associate Chief of Pediatric Cardiology at Morgan Stanley Children's Hospital/NewYork-Presbyterian, and Surgical Director [Matthew Bacchetta, MD MBA, MA](#). Dr. Bacchetta is one of the few surgeons in the country who routinely treats chronic thromboembolic pulmonary hypertension (CTEPH) with pulmonary thromboendarterectomy (PTE).

View more information [here](#) or call 212.305.4436 with any inquiries or referrals.

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## **Vascular Outpatient Lab Now Open in Riverdale**

Comprehensive vascular services are now available at NYP/Columbia's Riverdale location for the convenience of patients who prefer a location outside Manhattan:

270 West 231st Street, Suite 101A  
Riverdale, NY

Directed by [Richard Schutzer, MD](#), this outpatient service includes surgeon consultation and an ICAVL accredited vascular lab, where patients can be evaluated and treated for problems ranging from varicose veins to carotid and aneurysmal disease.

For more information, please call 212.932.5169.



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### **[New Faculty: Roy Oommen, MD, MBA](#)**

[Roy Oommen, MD, MBA](#), joined the Section of Thoracic Surgery in January 2016. Dr. Oommen's clinical interests include minimally invasive lung and esophageal surgery.

Before his arrival at NYP/Columbia, Dr. Oommen served as a thoracic surgery attending at Boston Medical Center and at Thoracic Surgery Associates. In addition to his professional duties, Dr. Oommen volunteers as Medical Director for the non-profit organization [Love Without Reason](#).

Dr. Oommen is practicing at NewYork-Presbyterian/Hudson Valley Hospital, in Cortlandt Manor, NY and NYP/Lawrence Hospital in Bronxville, NY.

You may reach him at 212.305.3408 or [ro2286@cumc.columbia.edu](mailto:ro2286@cumc.columbia.edu).

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## Physician Training and Education

The NYP/Columbia Department of Surgery invites you to attend our CME events.

**Coming this spring:**

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[12th International Conference on Pediatric Mechanical Support Systems & Pediatric Cardiopulmonary Perfusion.](#)

May 18 - 21, 2016



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

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



[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?](#)

[Emerging Therapies for Systolic Heart Failure and Pulmonary Hypertension](#)

[Cardiac Replacement Therapy: LVAD and/ or Transplant for Advanced Heart Failure](#)

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**Please encourage your patients to attend our free community events this spring.**

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[Lung Health Awareness Day](#)

Information and Registration:

Jessica Mead, 212.304.7817 or [jas2134@cumc.columbia.edu](mailto:jas2134@cumc.columbia.edu)

# Lung Health Awareness Day



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## Recent Faculty Publications

The following are a few recent faculty publications that may be of interest.

Wahlers TCW, Haverich A, [Borger MA](#), Laufer G. Early Outcomes after Isolated Aortic Valve Replacement with Rapid Deployment Aortic Valve J Thorac Cardiovasc Surg. Accepted Manuscript DOI: 10.1016/j.jtcvs.2015.12.058.

### [Link to Publication](#)

Leontyev S, Légaré JF, [Borger MA](#), Buth KJ, Funkat AK, Gerhard J, Mohr FW. Creation of a Scorecard to Predict In-Hospital Death in Patients Undergoing Operations for Acute Type A Aortic Dissection. Ann Thorac Surg. 2016 Jan 12. pii: S0003-4975(15)01709-9. doi: 10.1016/j.athoracsur.2015.10.038. [Epub ahead of print]

### [Link to Publication](#)

### [Additional Link to Publication](#)

Han J, [Takeda K](#), [Takayama H](#), Kurlansky PA, Mauro CM, [Colombo PC](#), [Yuzefpolskaya M](#), Fukuhara S, Truby LK, [Topkara VK](#), [Garan AR](#), Mancini DM, [Naka Y](#). Durability and clinical impact of tricuspid valve procedures in patients receiving a continuous-flow left ventricular assist device. J Thorac Cardiovasc Surg. 2016 Feb;151(2):520-527.e1. doi: 10.1016/j.jtcvs.2015.09.082. Epub 2015 Sep 28.

[Link to Publication](#)

[Additional Link to Publication](#)

[Chai PJ](#). Transplantation in children with failed palliation of hypoplastic left heart syndrome: A good solution? J Thorac Cardiovasc Surg. 2016 Jan;151(1):176. doi: 10.1016/j.jtcvs.2015.10.012. Epub 2015 Oct 14. No abstract available.

[Link to Publication](#)

[Additional Link to Publication](#)

Fukuhara S, [Takeda K](#), Chiuzan C, Han J, Polanco AR, [Yuzefpolskaya M](#), Mancini DM, [Colombo PC](#), [Topkara VK](#), Kurlansky PA, [Takayama H](#), [Naka Y](#). Concomitant aortic valve repair with continuous-flow left ventricular assist devices: Results and implications. J Thorac Cardiovasc Surg. 2016 Jan;151(1):201-210.e2. doi: 10.1016/j.jtcvs.2015.09.128. Epub 2015 Oct 19.

[Link to Publication](#)

[Additional Link to Publication](#)

Lee R, Fukuhara S, [George I](#), [Borger MA](#). Mitral valve replacement with a transcatheter valve in the setting of severe mitral annular calcification. J Thorac Cardiovasc Surg. 2015 Oct 23. pii: S0022-5223(15)02103-0. doi: 10.1016/j.jtcvs.2015.10.040. [Epub ahead of print] No abstract available.

[Link to Publication](#)

[Additional Link to Publication](#)



Webb JG, Doshi D, Mack MJ, Makkar R, [Smith CR](#), Pichard AD, [Kodali S](#), Kapadia S, Miller DC, Babliaros V, Thourani V, Hermann HC, Bodenhamer M, Whisenat BK, Ramee S, Maniar H, Kerelakes D, Xu K, Jaber WA, Menon V, Tuzcu M, Wood D, Svensson LG, [Leon MB](#). A randomized evaluation of the SAPIEN XT transcatheter heart valve system in patients with aortic stenosis who are not candidates for surgery. J Am Coll Cardiol Intv 2015;8(9):1797-1806.

[Link to Publication](#)

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## Patient Referral

To refer elective patients, call 212.305.7013 or 212.304.7810.

And email, [info@columbiasurgery.org](mailto:info@columbiasurgery.org)

Urgent and emergency transfers: 1.800.NYPSTAT

[Physician Referral Form](#)

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