

Summer 2016



Columbia Surgery Cardiovascular and Thoracic Newsletter



ColumbiaDoctors

NewYork-Presbyterian
Columbia University Medical Center



Message from the Chairman

August 2016

Dear Colleague,

We value your partnership in caring for patients needing cardiovascular or thoracic surgery and believe that teamwork is the key to providing better outcomes and a smooth recovery. This newsletter will keep you up to date on our new and expanding programs in the Department of Surgery. In this issue you'll find information about our comprehensive programs in Adult Congenital Heart Disease, Hypertrophic Cardiomyopathy and Medical ECMO.

A recent data review for our Lung Transplantation program showed that NYP/Columbia's three-year patient survival is now an impressive 81 percent—that's 13 points higher than the national average.

Finally, I'm happy to announce that 25 Department of Surgery surgeons were just named to the 2016 Castle Connolly Top Doctor's list, featured in *New York* magazine.

Best regards,

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

Adult Congenital Heart Disease: Meeting the next generation of challenges

Babies born with heart defects are now more likely to be successfully treated and grow into healthy adults. Yet this has created a new set of challenges: how to care for the first- generation who had childhood surgeries for congenital heart disease.

These patients face problems that simply were not anticipated when they received treatment decades ago, says Marlon Rosenbaum, MD, (<http://www.columbiadoctors.org/prof/msrosenbaum>) *Director of the Schneeweiss Adult Congenital Heart Disease Center at NYP/Columbia.*

The center treats approximately 3,000 adults every year, enough volume to observe the problems that arise in this unique population. Dr. Rosenbaum's team is now studying patients who had early surgery for Tetralogy of Fallot to determine if and when they should have replacement of their pulmonary valve, as adults. tetralogy of Fallot is a constellation of heart defects that permits oxygen-poor blood to flow through the body.

"Patients with tetralogy of Fallot underwent surgery to relieve obstruction of blood flow to the lungs," says Dr. Rosenbaum. "We now know that a leak in the pulmonary valve created during the repair causes significant enlargement of the right ventricle over time. But no one is really sure when to replace the pulmonary valves in these patients. We have been looking at data from cardiac MRI, exercise testing, and quality of life assessment to get a better understanding of when to do this surgery. We are also seeing similar issues in patients who underwent repair of pulmonary stenosis during childhood."

Some patients with congenital heart disease have hypertrophic cardiomyopathy (HCM), which causes the heart muscle to thicken and have difficulty contracting. Jonathan Ginns, MD, (<http://www.columbiadoctors.org/prof/jnginns>) *Medical Director of the Hypertrophic Cardiomyopathy Program and a senior member of the Adult Congenital Heart Disease Center*, treats many adult patients with HCM. He is involved with a number of studies identifying novel treatments for these patients through collaboration of surgeons, imaging specialists, and experts in heart failure, genetics, and pediatrics.

“We have entered a new phase in the care of adults with congenital heart disease,” says Dr. Rosenbaum. “The first two decades of surgical repair demonstrated to us that adult survival was possible. Now we are conducting multicenter research to help us refine management that will improve longevity in our adult patients.”

The Adult Congenital Heart Disease program has recruited Dr. Matthew Lewis, (<http://www.columbiadoctors.org/prof/mlewis>) to promote cutting edge research and continue providing patients with the most advanced care available in this country.

To serve a greater number of these complex patients, we recently opened satellite offices in Brooklyn, Long Island and Stamford, Connecticut.

Tully Health Center
32 Strawberry Hill Court
Stamford, CT 06902

Long Island, NY
The Vizza Pavilion
100 Port Washington Blvd
Roslyn, NY 11576

Brooklyn
101 Broadway, Suite B 02
Brooklyn, NY 11249

To refer a patient, please call 212.305.6936

Read more about innovative surgery at Columbia for ACDH

here: <http://columbiasurgery.org/conditions-and-treatments/adult-congenital-heart-disease>

Learn about the *Schneeweiss Adult Congenital Heart Disease Center*

here: <http://www.cumc.columbia.edu/dept/congenitalheart>

Hypertrophic Cardiomyopathy Center

Under the direction of Hiroo Takayama, MD, PhD, (<http://columbiasurgery.org/hiroo-takayama-md-phd>) and Jonathan Ginns, MD, (<http://www.columbiadoctors.org/prof/jnginns>) the Hypertrophic Cardiomyopathy Center provides a comprehensive approach to this disease, creating individualized treatment for all family members.

Our HCM team has the depth and breadth of experience to provide seamless care for patients at every age and at every stage of this disease. We also screen and assess first-degree relatives for HCM-related genes.

Nationally known for our expertise in heart failure, genetics (<http://www.cumc.columbia.edu/pediatrics/division/molecular-genetics>), noninvasive imaging, interventional techniques, cardiac surgery (<http://columbiasurgery.org/node/1377>), and heart transplantation (<http://columbiasurgery.org/node/1378>), The HCM Center offers patients a full range of treatment options.

The Hypertrophic Cardiomyopathy Center at NYP/Columbia is a comprehensive, multidisciplinary program that offers patients essentially every treatment option. About 60-80% of patients with HCM develop obstruction of the left ventricular outflow tract (LVOT). Patients with this type of HCM are first treated with medications (beta blockers and calcium channel blockers). If these fail or if patients are intolerant to the medications, there are two surgical options to consider.

Alcohol Septal Ablation (ASA)

Alcohol septal ablation is performed in the cardiac catheterization laboratory without opening the chest. After threading the catheter through the aorta and into the heart, the specialist delivers a tiny amount of alcohol to the coronary artery branch that supplies the area of septum with abnormal thickening. This causes a controlled heart attack, with cell death in the thickened heart muscle, thus relieving the obstruction. The procedure can be repeated if more tissue needs to be treated. ASA is non-invasive and involves less discomfort. Most patients are hospitalized for two to three days.

Septal Myectomy

This surgical procedure cuts the thickened ventricular wall to relieve LVOT. Few centers offer it because it requires highly specialized training and experience. Dr. Takayama is considered one of the leading experts in “extended septal myectomy.” He removes a deeper, more extensive portion of the heart muscle than most surgeons. This produces longer lasting, more effective outcomes than standard myectomy, with extremely low risk. Dr. Takayama eliminates or substantially reduces LVOT obstruction in over 90% of patients, reduces mitral regurgitation, improves exercise capacity, and improves patients’ quality of life—with less than a 0.5% mortality rate.

Read more about surgical procedures for HCM here:

<http://columbiasurgery.org/cardiomyopathy/surgical-procedures-hcm>

And learn about our HCM Center here:

<http://columbiasurgery.org/cardiomyopathy>

To refer a patient to our HCM Clinic, please contact Kristina Gegaj at 212.305.9268

MEDICAL ECMO

The ECMO Program at NYP/Columbia is one of the largest in the world with over 200 cases per year. Our team is also one of the world’s most experienced in medical ECMO transport, having successfully completed over 200 transports with patients receiving ECMO on their way to us.

In 2016, our ECMO Program was designated a Platinum Level Center of Excellence by The Extracorporeal Life Support Organization (ELSO). This was the first time this designation was awarded and our program was one of only five in the world to achieve this status.

Recently we administered ECMO for 127 days to a patient with interstitial lung disease and severe pulmonary hypertension awaiting lung transplantation. While on ECMO, the patient was awake, interactive and walking daily to maintain physical strength for transplant. The transplant was successful and this individual was discharged after a total of 131 consecutive days on ECMO.

In addition, we have just published the largest case series of patients treated with ECMO during pregnancy and post-partum. The study consisted of 18 peripartum patients; 4 were pregnant at the time of cannulation. Outcomes were excellent and two babies were successfully delivered while their mothers required ECMO support.

[PDF](#)

 PubMed link

Read more about our ECMO here: <http://columbiasurgery.org/ecmo> and our Center for Acute Respiratory Failure here: <http://www.nyp.org/clinical-services/center-for-acute-respiratory-failure>.

Department of Surgery Named to 2016 Best Doctors List

Each year *New York* magazine and the research firm Castle Connolly compile a list of top doctors in every specialty in the New York Metro area. This elite group is selected through an extensive process of peer nomination and the list serves as a useful guide to indicate which doctors are considered the very best in their fields. Twenty-five from the Department of Surgery have received this prestigious recognition:

- Michael Argenziano, MD <http://columbiasurgery.org/michael-argenziano->

- [md](http://columbiasurgery.org/heart) (Cardiac Surgery <http://columbiasurgery.org/heart>)
- Tracey Arnell, MD <http://columbiasurgery.org/tracey-d-arnell-md>
(General & Acute Care Surgery <http://columbiasurgery.org/general-surgery>)
 - Jeffrey Ascherman, MD <http://columbiasurgery.org/jeffrey-ascherman-md>
(Plastic & Reconstructive Surgery <http://columbiasurgery.org/plastic>)
 - Gudrun Aspelund, MD <http://columbiasurgery.org/gudrun-aspelund-md>
(Pediatric Surgery <http://columbiasurgery.org/pediatrics>)
 - Emile Bacha, MD <http://columbiasurgery.org/emile-bacha-md> (Pediatric Cardiac Surgery <http://columbiasurgery.org/pediatric-heart>)
 - Marc Bessler, MD <http://columbiasurgery.org/marc-bessler-md> (Minimal Access <http://columbiasurgery.org/minimal-access> & Weight Loss Surgery <http://columbiasurgery.org/weight-loss>)
 - Michael Borger, MD PhD <http://columbiasurgery.org/michael-borger-md> (Cardiac Surgery <http://columbiasurgery.org/heart>)
 - Robert S. Brown, Jr., MD MPH <http://columbiasurgery.org/robert-s-brown-jr-md-mp>
[h](http://columbiasurgery.org/liver) (Transplant Surgery <http://columbiasurgery.org/liver>)
 - John Chabot, MD FACS <http://columbiasurgery.org/john-chabot-md-facs> (GI/Endocrine Surgery <http://columbiasurgery.org/endocrine>)
 - Jean Emond, MD <http://columbiasurgery.org/jean-c-emond-md> (Transplant Surgery <http://columbiasurgery.org/liver>)
 - Sheldon M. Feldman, MD <http://columbiasurgery.org/sheldon-m-feldman-md> (Breast Surgery <http://columbiasurgery.org/breast>)
 - Daniel Feingold, MD <http://columbiasurgery.org/daniel-l-feingold-md> (Colorectal Surgery <http://columbiasurgery.org/colorectal>)
 - Mark E. Ginsburg, MD <http://columbiasurgery.org/mark-e-ginsburg-md> (Thoracic <http://columbiasurgery.org/thoracic> & Cardiac Surgery <http://columbiasurgery.org/heart>)
 - Tomoaki Kato, MD <http://columbiasurgery.org/tomoaki-kato-md> (Transplant Surgery <http://columbiasurgery.org/liver>)

- P. Ravi Kiran, MD <http://columbiasurgery.org/pokala-ravi-kiran-md> (Colon & Rectal Surgery <http://columbiasurgery.org/colorectal>)
- James Lee, MD <http://columbiasurgery.org/james-lee-md> (Endocrine Surgery <http://columbiasurgery.org/endocrine>)
- Steven Lobritto, MD <http://columbiasurgery.org/steven-j-lobritto-md> (Pediatric Transplant Surgery <http://columbiasurgery.org/liver>)
- William Middlesworth, MD <http://columbiasurgery.org/william-middlesworth-md> (Pediatric Surgery <http://columbiasurgery.org/pediatrics>)
- Nicholas Morrissey, MD <http://columbiasurgery.org/nicholas-j-morrissey-md> (Vascular Surgery <http://columbiasurgery.org/vascular>)
- Yoshifumi Naka, MD, PhD <http://columbiasurgery.org/yoshifumi-naka-md-phd> (Cardiac Surgery <http://columbiasurgery.org/heart>)
- Miguel Silva, MD <http://columbiasurgery.org/miguel-r-silva-md> (General Surgery <http://columbiasurgery.org/lawrence>)
- Craig Smith, MD <http://columbiasurgery.org/craig-r-smith-md> (Cardiac Surgery <http://columbiasurgery.org/heart>)
- Joshua Sonett, MD <http://columbiasurgery.org/joshua-r-sonett-md> (Thoracic Surgery <http://columbiasurgery.org/thoracic>)
- Steven Stylianos, MD <http://columbiasurgery.org/steven-stylianos-md> (Pediatric Surgery <http://columbiasurgery.org/pediatrics>)
- Hiroo Takayama, MD, PhD <http://columbiasurgery.org/hiroo-takayama-md-phd> (Thoracic <http://columbiasurgery.org/thoracic> & Cardiac Surgery <http://columbiasurgery.org/heart>)

Click here to see more of the full NY Top Doctors list:

<http://nymag.com/bestdoctors/>, including specialists at NewYork-Presbyterian/Columbia University Medical Center, NYP/Lawrence Hospital, and Morgan Stanley Children's Hospital of NewYork-Presbyterian.

Recent Publications and Presentations

Adult Congenital Heart Disease Papers

Lewis M, Kennedy K, Ginns J, Crystal M, Torres A, Vincent J, Rosenbaum M. "Factors Associated with Procedural Success and Adverse Events in Pulmonary Artery Stenting: Insights from the NCDR." J Am Coll Cardiol. 2016. March. 22; 67(11):1327-35.

[Journal](#)

[PubMed](#)

Lewis M, Ginns J, Ye S, Chai P, Quaegebeur J, Bacha E, Rosenbaum M. "Post-operative Tricuspid Regurgitation following Adult Congenital Heart Surgery is Associated with Adverse Clinical Outcomes." Journal of Cardiac and Thoracic Surgery. 2016 Feb.151(2):460-5.

[PubMed](#)

Lewis M, Ginns J, Schulze C, Lippel M, Chai P, Bacha E, Mancini D, Rosenbaum R, Farr MJ. "Outcomes of Adult Patients with Congenital Heart Disease following Heart Transplantation: The Impact of Disease Type, Prior Thoracic Surgeries and Bystander Organ Dysfunction." Journal of Cardiac Failure. 2015. Nov. Epub ahead of print.

[PubMed](#)

Lewis M, O'Connor DS, Rozenshtien A, Ye S, Einstein AJ, Ginns JM, Rosenbaum MS. "Usefulness of Magnetic Resonance Imaging to Guide Referral for Pulmonary Valve Replacement in Repaired Tetralogy of Fallot." Am J Cardiol. 2014 Nov 1;114(9):1406-11.

[PubMed](#)

Lewis M, Ginns J, Rosenbaum M "Is systemic right ventricular function by Cardiac MRI related to the degree of tricuspid regurgitation in congenitally

corrected transposition of the great arteries? *Int J Cardiol.* 2014 Jul 1;174(3):586-9.

[PubMed](#)

Cardiac Surgery Presentations

American Association of Thoracic Surgeons [LSEP] Annual Meeting, Baltimore, May 14-18, 2016

Chitwood WR, Barnhart GR, Accola KD, Woo JY, Grossi EA, Mumtaz MA, Sabik JF, Slachman FN, Patel HJ, Borger MA, Garrett HE, Rodriguez E, McCarthy PM, Ryan WH, Duhay FG, Mack MJ. TRANSFORM US Clinical Trial: Safety and Performance of a Rapid Deployment Aortic Valve.

Kalfa D, Kasmi L, Montreuil M, Geronikola N, Lamber V, Murzi E., Belli E, Bonnet D. Cognitive, Neuropsychological and Social Status is Impaired Two Decades after Neonatal Arterial Switch Operation.

Schwann TA, Tatoulis J, Puskas JD, Taggart D, Kurlansky P, Jacobs J, Thourani VH, O'Brien S, Wallace A, Engoren M, Tranbaugh RF, Bonnell MR, Habib RH. Trends in Multi-Arterial CABG Surgery 2004-2014: A Tale of Two Continents.

Smith CR. "Gladiator Session I" Total Arterial Revascularization.

Takayama H, Fukuhara S, Takeda K, Han J, DeRoo S, Li B, Sreekanth S, Topkara V, Garan A, Colombo P, Yuzefpolskaya M, Kurlansky, Naka Y. Novel Perspectives on Postcardiotomy Shock: New Insight to Improve Outcomes.

Takeda K, Takayama H, Graan R, Topkara VK, Han J, Kurlansky P, Yuzefpolskaya M, Colombo PC, Naka Y. Bridge to Durable Left Ventricular Assist Device using Various Short-term Mechanical Circulatory Support Devices for Patients with an INTERMACS I Profile.

Cardiac Surgery Publications

Baruteau AE, Vergnat M, Kalfa D, Delpy JG, Ly M, Capderou A, Lambert V, Belli E. Long term outcomes of the arterial switch operation for transposition of the great arteries and ventricular septal defect and/or aortic arch obstruction. *Interactive Cardiovascular and Thoracic Surgery*. 2016 May 1. pii: ivw102. [Epub ahead of print]

[PDF](#)

[PubMed](#)

Dadson K, Kovacevic V, Rengasamy P, Kim GHE, BooS, Li RK, George I, Schulze PC, Hinz B, Sweeney G. Cellular, structural and functional cardiac remodelling following pressure overload and unloading. *International Journal of Cardiology* 08/2016; 216:32-42.

[PDF](#)

[PubMed](#)

De Bonis M, Al-Attar N, Antunes M, Borger M, Casselman F, Falk V, Foliguet T, Iung B, Lancellotti P, Lentini S. Surgical and interventional management of mitral valve regurgitation: a position statement from the European Society of Cardiology Working Groups on Cardiovascular Surgery and Valvular Heart Disease. *European Heart Journal* 2016;37: 133-1139.

[PDF](#)

Hickey KT, Garan H, Mancini DM, Colombo PC, Naka Y, Sciacca RR, Abrams MP, Solove M, Zeoli N, Flannery M. Atrial Fibrillation in Patients With Left Ventricular Assist Devices. *JACC Clinical Electrophysiology* 05/2016; DOI:10.1016/j.jacep.2016.03.009.

[PubMed](#)

Kodali S, Thourani V, White J, Malaisrie sC, Lim S, Greason KL, Williams M, Guerrero M, Eisenhauer AC, Kapadia S, Kereiakes DJ, Hermann HC, Babaliaros V, Szeto WY, Hahn RT, Pibarot P, Weissman NJ, Leipsic J, Blanke P, Whisenant BK, Suri RM, Makkar RR, Ayele GM, Svensson LG, Webb JG, Mack MJ, Smith CR, Leon MB. Early clinical and echocardiographic outcomes after SAPIEN 3 transcatheter aortic valve replacement in inoperable, high-risk and intermediate-risk patients with aortic stenosis. *European Heart Journal*. 2016 Mar 31. pii: ehw112.

[PDF](#)

[PubMed](#)

Kolh P, Kurlansky P, Cremer J, Lawton J, Siepe M, Fremes S. Transatlantic editorial: A comparison between European and North American guidelines on myocardial revascularization. Simultaneous publication: Journal of Thoracic and Cardiovascular Surgery. 2016 May 4. pii: S0022-5223(16)30261-6.

[PDF](#)

[PubMed](#)

Annals of Thoracic Surgery. 2016 Jun;101(6):2031-44. doi: 10.1016/j.athoracsur.2016.02.062.

[PDF](#)

[PubMed](#)

European Journal of Cardiothoracic Surgery. 2016 May;49(5):1307-17. doi: 10.1093/ejcts/ezw086.

[PDF](#)

[PubMed](#)

[Kurlansky P](#). Multiple arterial grafting for coronary revascularization: "A guide for the perplexed". Trends in Cardiovascular Medicine. 2016 Apr 13. pii: S1050-1738(16)30019-6. doi: 10.1016/j.tcm.2016.04.002. [Epub ahead of print] Review.

[PDF](#)

[PubMed](#)

Leontyev S, Haag F, Davirerwala PM, Lehmkuhl L, Borger MA, Etz CD, Misfeld M, Gutberlet M, Mohr FW. Postoperative Changes in the Distal Residual Aorta after Surgery for Acute Type A Aortic Dissection: Impact of False Lumen Patency and Size of Descending Aorta. The Thoracic and Cardiovascular Surgeon 04/2016; DOI:10.1055/s-0036-1571813.

[PubMed](#)

Levin AP, Saeed O, Willey JZ, Levin CJ, Fried JA, Patel SR, Sims DB, Nguyen JD, Shin JJ, Topkara V, Colombo PC, Goldstein D, Naka Y, Takayama H, Uriel N, Jorde UP. Watchful Waiting in Continuous-Flow Left Ventricular Assist Device

Patients With Ongoing Hemolysis Is Associated With an Increased Risk for Cerebrovascular Accident or Death. *Circulation: Heart Failure*. 2016 May;9(5). pii: e002896. doi: 10.1161/CIRCHEARTFAILURE.115.002896.

[PDF](#)

[PubMed](#)

Sorabella RA, Guglielmetti L, Bader A, Gomez A, Takeda K, Chai PJ, Takayama H, Bacha EA, Naka Y, George I. The Use of Hypothermic Circulatory Arrest During Heart Transplantation Does Not Worsen Posttransplant Survival. *Annals of Thoracic Surgery*. 2016 May 18. pii: S0003-4975(16)30167-9. doi: 10.1016/j.athoracsur.2016.03.058. [Epub ahead of print]

[PDF](#)

[PubMed](#)

Takayama H. Knife saves life. *Journal of Thoracic and Cardiovascular Surgery* 2016 Jun;151(6):1659-60. doi: 10.1016/j.jtcvs.2015.12.069. Epub 2016 Jan 27.

[PDF](#)

[PubMed](#)

Undar A, Chai P, Bacha E. Welcome to the 12th. International Conference on Pediatric Mechanical Circulatory Support Systems and Pediatric Cardiopulmonary Perfusion. *Artificial Organs* 05/2016; 40(5):431-433.

[PDF](#)

[PubMed](#)

Varr BC, Restaino SW, Farr M, Scully B, Colombo PC, Naka Y, Mancini DM. Infectious complications after cardiac transplantation in patients bridged with mechanical circulatory support devices versus medical therapy. *Journal of Heart Lung Transplant* April 2016 DOI: 10.1016/j.healun.2016.04.016.

[PDF](#)

Weinberg A, Mongero L, Armstrong B. ECMO cannulation strategy for pulmonary hypertension: an alternative approach to traditional veno-arterial ECMO. *Perfusion*. 2016 Apr 22. pii: 0267659116646179. [Epub ahead of print]

[PDF](#)

[PubMed](#)

Thoracic Surgery Presentations

American Association for Thoracic Surgery Annual Meeting, [SEP] Baltimore, May 2016

Bacchetta M, ECMO in the Field – The New Logistics of Pump and Run.

24th European Conference on General Thoracic Surgery Naples, Italy, May 2016

Costa J, Sowmya S, Shah L, Robbins H, Raza K, Arcasoy S, Sonett JR, D'Ovidio F. Organ Donors from Asphyxiation are Valuable Source of Lung Allografts.

Thoracic Surgery Publications

Abrams D, Baldwin MR, Champion M, Agerstrand C, Eisenberger A, Bacchetta M, Brodie D. Thrombocytopenia and extracorporeal membrane oxygenation in adults with acute respiratory failure: a cohort study. *Intensive Care Medicine*. 2016 May;42(5):844-52. doi: 10.1007/s00134-016-4312-9. Epub 2016 Mar 23.

[PDF](#)

[PubMed](#)

Agerstrand C, Abrams D, Biscotti M, Moroz L, Rosenzweig EB, D'Alton M, Brodie D, Bacchetta M. Extracorporeal Membrane Oxygenation for Cardiopulmonary Failure During Pregnancy and Postpartum. *Annals of Thoracic Surgery*. 2016 May 3. pii: S0003-4975(16)30092-3. doi: 10.1016/j.athoracsur.2016.03.005. [Epub ahead of print]

[PDF](#)

[PubMed](#)

Costa J, Sreekanth S, Kossar A, Raza K, Robbins H, Shah L et al. Donors with a prior history of cardiac surgery are a viable source of lung allografts. *European Journal of Cardiothoracic Surgery* 2016; doi:10.1093/ejcts/ezw157.

[PDF](#)

[PubMed](#)

Costa J, Sreekanth S, Kossar A, Raza K, Lederer DJ, Robbins H, Shah L, Sonett JR, Arcasoy S, D'Ovidio F. Donor lung assessment using selective pulmonary vein gases. *European Journal of Cardiothoracic Surgery*. 2016 May 30. pii: ezw179. [Epub ahead of print]

[PDF](#)

[PubMed](#)

CME Conferences

JOIN US at AortoVascular Summit 2016:
A Multidisciplinary Team Approach
September 29-30.

[http://columbiasurgery.org/events/2016-09-29-150000-2016-09-30-](http://columbiasurgery.org/events/2016-09-29-150000-2016-09-30-210000/aortovascular-summit-2016-multidisciplinary-team-approach)

[210000/aortovascular-summit-2016-multidisciplinary-team-approach](http://columbiasurgery.org/events/2016-09-29-150000-2016-09-30-210000/aortovascular-summit-2016-multidisciplinary-team-approach)



AortoVascular Summit 2016 is the third combined aortic and vascular therapy course hosted by NewYork-Presbyterian/Columbia University Medical Center. This program represents a unique multidisciplinary collaboration between cardiologists, vascular, thoracic and cardiac surgeons, allowing for a truly comprehensive approach to the management of aortic and vascular disease. This premier two-day course will present the current state of the art in the diagnosis and management of patients with aortic, carotid, peripheral arterial and venous disease. Our internationally recognized faculty will present lectures, video-recording, and case-based multidisciplinary discussions focused on the best current therapies to treat these complex disease states.

Learning Objectives

- Identify the diagnostic and treatment modalities for patients with aortic valvular disease including surgical and transcatheter options
- Review risk factor stratification, diagnosis and management of patients with complex thoracic aortic diseases including dissection and aneurysm
- Discuss the current management strategy for the acute stroke patient
- Describe the treatment options to treat complex peripheral arterial disease,

including analyzing trial results and examining novel technologies

- Understand the management of aortic aneurysmal disease: screening, risk factor modification and options for intervention
- Assess the therapeutic pharmacologic agents for risk factor modification in the vascular patient
- Discuss state of the art treatment options for acute deep venous thrombosis and pulmonary embolism
- Analyze treatment options for wound healing in the vascular population, including new developments in wound care

Program Directors:

Danielle R. Bajakian, MD, FACS Michael A. Borger, MD, PhD Richard M. Green, MD Hiroo Takayama, MD, PhD

Location:

NewYork-Presbyterian/ Columbia University Medical Center
Vivian and Seymour Milstein Family Heart Center
173 Fort Washington Avenue, 1st Floor
New York, NY 10032

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>.

CTEPH and PTE: A Conversation with the

Experts: [http://www.tctmd.com/multimedia/?](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/d37fe89795254121ac4d1ffe3b1db92d)

[section=/video/webcasts/2015/d37fe89795254121ac4d1ffe3b1db92d](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/d37fe89795254121ac4d1ffe3b1db92d)

Left Atrial Appendage Occlusion for Stroke Prevention in Atrial Fibrillation: The Future is Now: [http://www.tctmd.com/multimedia/?](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/aa90622ccb04452fa6ec2251704db5ac)

[section=/video/webcasts/2015/aa90622ccb04452fa6ec2251704db5ac](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/aa90622ccb04452fa6ec2251704db5ac)

Embolic Protection in TAVR - Is it Necessary?

[http://www.tctmd.com/multimedia/?](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/1265b28598f1496f8159930e57ea082f)

[section=/video/webcasts/2015/1265b28598f1496f8159930e57ea082f](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/1265b28598f1496f8159930e57ea082f)

New Frontiers of Treatment for Mitral Valve

Disease: [http://www.tctmd.com/multimedia/?](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/1906c73f687a4dbabff32cd9b53d2901)

[section=/video/webcasts/2015/1906c73f687a4dbabff32cd9b53d2901](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/1906c73f687a4dbabff32cd9b53d2901)

Who is a Good Surgical Candidate in the Era of TAVR?

[http://www.tctmd.com/multimedia/?](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/8086600e41d247228009b66444fcb983)

[section=/video/webcasts/2015/8086600e41d247228009b66444fcb983](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/8086600e41d247228009b66444fcb983)

Emerging Therapies for Systolic Heart Failure and Pulmonary

Hypertension: [http://www.tctmd.com/multimedia/?](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/5596c55ca3df45429ca286a917ef364d)

[section=/video/webcasts/2015/5596c55ca3df45429ca286a917ef364d](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/5596c55ca3df45429ca286a917ef364d)

Cardiac Replacement Therapy: LVAD and/ or Transplant for Advanced Heart Failure: [http://www.tctmd.com/multimedia/?](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/221d3131f961469cbbd3ecd09c3fcc0e)

[section=/video/webcasts/2015/221d3131f961469cbbd3ecd09c3fcc0e](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/221d3131f961469cbbd3ecd09c3fcc0e)

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
