Letter from the Chair

September, 2016

Dear Colleague,

This has been a very productive year for clinical trials and basic scientific research.

The NIH has just awarded a $175,435 to Henry Spotnitz, MD to develop innovative technology for Coronary Sinus Access with Strategic Pacing Systems, LLC, and a grant for $103,235 to Isaac George, MD for related animal and human studies.

We’re making new advances in catheter-based repairs of the mitral valve with several new clinical trials described below. You’ll find information on a less invasive approach we are pioneering for tricuspid valve repair as well.

Our clinicians continue to get high marks for providing exceptional care. Our ExtraCorporeal Life Support Team has just received the Platinum Level ELSO Award for Excellence. This award recognizes ECLS distinguished programs worldwide.

I hope you will join us for our upcoming CME courses. Please visit us at the following site, ColumbiaSurgeryCME.org.

Best Regards,

Craig R. Smith, MD, FACS
Chair, Department of Surgery
ColumbiaDoctors Receives National Recognition

ColumbiaDoctors earned national recognition for excellence in patient care, and our hospital, NewYork-Presbyterian, jumped to #6 overall in the rankings of US News & World Report, remaining the top New York metro area hospital for 16 consecutive years. The hospital was also ranked #3 in the nation for Cardiology and Heart Surgery.


FOR YOUR PATIENTS: Repairing Heart Valves without Surgery

The Structural Heart and Valve Center at NYP/Columbia is among the first to study and test new devices for valve repair and replacement. The following clinical trials promise to extend our range of options for patients not fit enough to undergo conventional surgery.

- The COAPT Trial: More Data on the MitraClip
- The GDS Accucinch: An Adjustable Solution
- The Neochord System: Artificial Muscles Support the Valve
- Advances in Mitral Valve Replacement: A Transcatheter Approach


FOR YOUR PATIENTS: New Repairs for the Tricuspid Valve

Tricuspid valve regurgitation (TR) has been traditionally addressed with open surgery, but many patients with severe TR have risk factors for an open procedure. Now there is new hope on the horizon for a less invasive approach.

Dr. Rebecca Hahn of The Valve Center is leading a national trial of TriAlign, a catheter-based device for repair of the tricuspid valve.

Dr. Susheel Kodali, Director of the Structural Heart and Valve Center, is testing the Edwards FORMA transcatheter valve system—another minimally invasive way to repair the tricuspid valve.

Mini-Sternotomy for a Tortuous Aortic Aneurysm

In June 2016, Dr. Michael Borger repaired a 5.1cm tortuous aortic aneurysm with a mini-sternotomy, leaving the patient with a less than three-inch scar.


New Data on Thymectomy for Myasthenia Gravis

Joshua Sonett, MD, Chief of General Thoracic Surgery at NYP/Columbia and Director, The Price Family Center for Comprehensive Chest Care, Lung and Esophageal Center, reports on a multicenter, randomized trial comparing thymectomy plus prednisone with prednisone alone. This study supports the use of thymectomy to improve clinical outcomes and reduce the need for immunosuppressive therapy in patients with myasthenia gravis.


Presentations and Research

CARDIAC SURGERY

Presentations

Joint Meeting, the Congenital Heart Surgeons' Society and the European Congenital Heart Surgeons Association CHSS-ECHSA, Venice, Italy, June 23-25th, 2016.

D Kalfa, L Kasmi, M Montreuil, N Geronikola, E Belli, D Bonnet, E. Bacha, Neuropsychological and Psychosocial Outcomes in Adults Two Decades after a Neonatal Arterial Switch Operation.

D Kalfa, M Pontailler, B Ahmad, G Williams, P Pouponneau, M Blanchy, K Thibaut, P Hommes-Schattmann, A Neffe, V Vanneaux, P Menasche Tissue Engineering of the Right Heart Outflow Tract by a Biofunctionalized Bioresorbable Polymeric Valved TUBE: Mid-term results of the TEH-TUBE program.

PJ Hommes-Schattmann, AT Neffe, B Ahmad, GR. Williams, V Vanneaux, P Menasché, D Kalfa, A Lendlein Electrospun PPDO-Patches with Incorporated RGD Constructs.


Ikegami H, Kurlansky P, Takeda K, Naka Y. Challenges faced in long term ventricular


THORACIC SURGERY

Presentations


Mauer Biscotti, Clinical Perspective: Mobility and Transport From Bedside to Airside.


G Singh MD, PA Jellen MSN BA Whippo MSN, C Chiauzan PhD, BM Thomashow MD JR Sonett MD, ME Ginsburg MD Apical Perfusion Fraction May Not be a Predictor of Functional Outcomes Following Bilateral Lung Volume Reduction Surgery.

Publications


Chicotka S, Rosenzweig EB, Brodie D, Bacchetta M. The "Central Sport Model": Extracorporeal Membrane Oxygenation Using the Innominate Artery for Smaller Patients


VASCULAR SURGERY

Presentations


Morrissey, Nicholas J. Complications of Endovascular Abdominal Aortic Aneurysm Repair.

Publications

Journal link
PubMed link


Journal link
PubMed link

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**Continuing Medical Education Programs**

Please join us for the following continuing education programs this fall.

**The Parathyroid Diseases and Osteoporosis**

Leaders: John P. Bilezekian, MD and James A. Lee, MD

Read more: http://columbiamedicinecme.org/Endo2016.html

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**SAVE THE DATE:**

Innovative Therapeutics for Advanced Lung Disease, March 2, 2017

Topics will include

- Pulmonary Vascular Disease: Advanced medical therapies, CTEPH-PTE, Elective and non-elective surgery and PH: Role for a high-risk surgical team
- Chronic Respiratory Disease: COPD, LVRS and Bronchoscopy LVR, Interstitial disease
- Cancer and ESLD, Diaphragm Disorders, Reflux disease
- When Therapy Fails: Bridge to Transplantation, Anticoagulation, ECMO
- The Future: Next Generation ECMO and Artificial Lungs, Stem Cell Therapy, Bioengineering
A full agenda will be available in late October.

More information: [www.ColumbiaSurgerCME.org](http://www.ColumbiaSurgerCME.org) or call 212-304-7817

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**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](http://columbiasurgery.org/education-training/cardiovascular-webinars)

CTEPH and PTE: A Conversation with the Experts: [http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/d37fe89795254121ac4d1ffe3b1db92d](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/d37fe89795254121ac4d1ffe3b1db92d)


Emerging Therapies for Systolic Heart Failure and Pulmonary Hypertension: [http://www.tctmd.com/multimedia/?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/?section=/video/webcasts/2015/221d3131f961469cbbd3ecd09c3fcc0e](http://www.tctmd.com/multimedia/?section=/video/webcasts/2015/221d3131f961469cbbd3ecd09c3fcc0e)

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**Patient Referral**

To refer elective patients, call 212.305.7013 or 212.304.7810.

Email, [info@columbiasurgery.org](mailto:info@columbiasurgery.org)
Urgent and emergency transfers: 1.800.NYP.STAT

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

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