Dear Colleague,

April was a robust month for faculty research, featuring major presentations on Breast, Cardiac, Colorectal, GI, Pediatric and Vascular surgery at various conferences around the world.

Please note our strong contributions to the International Society for Heart and Lung Transplantation, 38th Meeting and Scientific Session in Nice, France. The remarkable productivity of our collaborative institutional approach to the treatment of advanced heart failure continues to distinguish us a leader in the field.

The Hybrid (CABG/PCI) trial is yet another fruit of our collaborative approach to the treatment of cardiovascular disease. You’ll find information below about our new clinical trial of hybrid coronary revascularization vs. percutaneous coronary intervention. Michael Argenziano, MD, and A.J. Kirtane, MD, are the lead investigators at NYP/Columbia.

This Research Letter is a valuable resource for the department, so please continue to email Paul Kurlansky (pk2245@columbia.edu) or me (crs2@cumc.columbia.edu) with regular updates on your grants, publications, and presentations by the first of every month.

Remember, journal links may require subscriptions or a log-in through the Columbia library while PubMed links are accessible to all. Where there is only a journal link, the paper has not yet been downloaded to PubMed.

For easy reference, we now post all issues of this newsletter on the Center for Innovations and Outcomes Research website.

Craig R. Smith, MD, FACS
Chairman, Department of Surgery
CLINICAL TRIAL ANNOUNCEMENT

Actively recruiting: RANDOMIZED TRIAL OF HYBRID CORONARY REVASCULARIZATION VERSUS PERCUTANEOUS CORONARY INTERVENTION
LAD &/or LM disease and at least 1 other coronary artery, LCX or RCA, requiring treatment

OR

LAD and a major diagonal, both requiring independent revascularization with at least one stent

“Please Consider Hybrid Coronary Revascularization”

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BREAST SURGERY

Presentations
American Society of Breast Surgeons 19th Annual Meeting
Orlando, Florida, May 2-6, 2018


CARDIAC SURGERY

Presentations

International Society for Heart and Lung Transplantation, 38th Meeting and Scientific Session
Nice, France, April 11-14, 2018


Cevasco M, Ando M, Takayama H, Kurlansky PA, Garan AR, Topkara VK,
Yuzefpolskaya M, Colombo PC, Farr M, Naka Y, Takeda K. Pre-Transplant Estimated Glomerular Filtration Rate Less Than 40 Provides Similar Risks of Posttransplant Mortality Both in LVAD and Non-LVAD Heart Transplant Recipients.


Farooqi KM, Chelliah A, Chai PJ, Bacha EA, Saeed O, Jorde UP, Einstein AJ. Impact of Pre-Procedural Planning with 3D Printed Models on Patient Outcomes for Ventricular Assist Device Placement in Adults with Congenital Heart Disease: Rationale and Design of a Multicenter Prospective Registry.


2000 to 2015.


Han J, Ando M, Garan AR, Farr M, Colombo PC, Takayama H, Naka Y, Takeda K. Post-Transplant Outcomes of Patients Initially Receiving Left Ventricular Assist Device as Either Bridge to Candidacy or Destination Therapy.


Estimation of Mean Arterial Pressure in HeartMate II Patients Using Doppler Blood Pressure and Pump Speed.


Farr MA, Uhlemann A, Colombo PC, Demmer RT. Gut Microbiome-Generated Metabolite Trimethylamine-N-Oxide is Reduced After Heart Transplantation and Continuous Flow Left Ventricular Assist Device Therapy in Advanced Heart Failure Patients.

*The Yale Aortic Center*
*New Haven, CT, April 17, 2018*

Raza ST. Hippocrates to Heart Surgery: Renaissance and the Transformation of Medicine.

**Publications**


[Journal link](#)  
[PubMed link](#)


[Journal link](#)  
[PubMed Link](#)


[Journal link](#)  
[PubMed link](#)


[Journal link](#)  
[PubMed link](#)


**COLON AND RECTAL SURGERY**

**Presentations**

*SAGES Annual Conference*

*Seattle, Washington, April 11-14, 2018*

Keller DS, Brady RRW, Chand M. Can Social Media be Used as a Research Tool? Testing Twitter as an Alternative to Traditional Study Surveys.


Keller DS, de Lacy FB, Martin-Perez B, De Lacy H, Menchaca R, Chand M, de Lacy AM.

Redefining Successful Surgical Training in the Age of Social Media.

Keller DS, Joshi HM, Devoto L, Cohen R, Chand M. A Novel Technique Using Fluorescence to Identify Lymphatic Patterns in Colon Cancer.

Platforms in Colorectal Surgery.

**Publications**

[Journal link](#)  
[PubMed link](#)

[Journal link](#)  
[PubMed link](#)

**Books**


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**GI/ENDOCRINE SURGERY**

**Presentations**

*2018 American Hepatopancreaticobiliary Association Annual Meeting*  
*Miami Beach, Florida, March 2018*

Kluger MD, Rashid MF, Schroepe BA, Chabot JA. Improved overall survival in patients with locally advanced pancreatic cancer undergoing neoadjuvant therapy and irreversible electroporation.  

Rashid MF, Schroepe BA, Chabot JA, Kluger MD. Dabigatran (Pradaxa) is safe for extended venous thromboembolism prophylaxis after pancreatic oncologic surgery.  

**Publications**

[Journal link](#)
IMMUNOLOGY/TRANSPLANTATION SURGERY

Publications


PEDIATRIC SURGERY

Presentations

34th Annual Children’s National Symposium: ECMO and Advanced Therapies for Respiratory Failure
Keystone Colorado, Feb 26, 2018

Ariela Zenilman Hybrid Mechanisms of Cardiac Support in Children: Impella and Berlin Heart in Conjunction with Veno-Arterila (VA) ECMO.
Publications


[Journal link](#)  
[PubMed link](#)


[Journal link](#)  
[PubMed link](#)


[Journal link](#)  
[PubMed link](#)

THORACIC SURGERY

Presentations

*International Society for Heart and Lung Transplantation, 38th Meeting and Scientific Session*  
*Nice, France, April 11-14, 2018*


Tipograf Y, Guenthart BA, Hozain A, Berman Rosenzweig E, Bacchetta. Central VA
ECMO for Severe Pulmonary Arterial Hypertension: A Novel Cannulation Strategy.

Publications

Journal link
PubMed link

Books

VASCULAR SURGERY

Presentations
Society of Clinical Vascular Surgery, 2018 Annual Meeting
Las Vegas, March 17-21, 2018
Boitano LT, O’Donnell TFX, Lancaster RT, Siracuse JJ, Schermerhorn ML, Scali ST, Cambria RP, Patel VI. High Volume Aortic Centers are Associated with Lower Mortality and Renal Complications in Open Juxtarenal AAA Repair.


Publications
Mohebali J, Carvalho S, Lancaster RT, Ergul EA, Conrad MF, Clouse WD, Cambria RP, Patel VI. Use of extracorporeal bypass is associated with improved outcomes in

[Journal link](#)

[PubMed link](#)