Dear Faculty,

As 2016 comes to a close, I want to congratulate you on your outstanding contributions to surgical research.

This newsletter has proven to be a valuable resource so I hope you will 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.

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

Wishing you a happy, healthy holiday season and a very productive new year,

Craig R. Smith, MD

CONGRATULATIONS

Yoshifumi Naka, MD, PhD gave a landmark presentation at the American Heart Association with simultaneous publication in the New England Journal of Medicine for A Fully Magnetically Levitated Circulatory Pump for Advanced Heart Failure, a comparison of the new MOMENTUM 3 (Heartmate 3) with the current standard of care. (See AHA presentations below).

James Guarrera, MD, was named the 2016 Rising Star in Transplantation by the American Society of Transplant Surgeons.

Steven Lee-Kong, MD, received The Research Foundation of the American Society of Colon and Rectal Surgeons (ASCRS) and the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) first Investigative Robotic Surgery Grants for his work on the Effects of a Simulation-based Robotic Surgery Training Curriculum on Operative Performance (ASCRS).
Nicholas Morrissey, MD received funding with co-investigator Maya Rao, MD in the Department of Nephrology for an NIH sponsored study: A pilot randomized trial of arteriovenous fistula versus arteriovenous graft in elderly patients with advanced kidney disease.

**CARDIAC SURGERY**

**Presentations**

*Transcatheter Cardiovascular Therapeutics (TCT), Washington, DC*
*October 29-November 2, 2016*

Craig R Smith, MD
- Discussant, Live Case
- Discussant, Late-breaking Clinical Trials 2

Michael Argenziano, MD
- Presentation, How good can surgical outcomes be in secondary MR?
- Presentation, Repair or replacement for severe ischemic mitral regurgitation
- Discussant, Mitral Regurgitation: Evolution of Surgical Therapy

Michael Borger, MD
- Moderator, Intermediate risk patients with severe aortic stenosis
- Moderator, Management of isolated severe TR postcardiac surgery
- Presentation, The case for sutureless/rapid deployment valves
- Live Case Operator
- Discussant, Structural heart disease technologies

Yoshifumi Naka, MD, PhD
- Presentation, Jarvik: Has the problem of driveline infections been solved?
- Discussant, Durable LVADs

Hiroo Takayama, MD
- Presentation, Flash perspectives on percutaneous circulatory support: ECMO and ECMO circuit modifications are the best methods to achieve true maximal circulatory support!
- Discussant, Interventional heart failure
- Discussant, Ventricular dysfunction and hemodynamics in the CHIP patient
- Discussant, Focus Session: Rediscovering cardiovascular hemodynamics
Isaac George, MD

- Live Case Operator x4
- Presentation, Leaflet thrombosis following transcatheter valve-in-valve: Could it have been prevented?
- Presentation/Debate, TAVR for low risk patients—Is it time? NO, We don't yet know if it's as durable as surgical AVR!
- Discussant, Frequently used TAVR systems
- Discussant, Live Cases

*TCT Abstracts*


Popma J, Dibu G, Hughes GC, Kodali S, George I, Oh J, Slater J, Williams M. Transcatheter Aortic Valve Replacement with a Repositionable Self-expanding Bioprosthesis in Patients With Severe Aortic Stenosis at High Risk for Surgery: One-Year Results from the Evolut R US Pivotal Study. [Link](#)


Aortic Valve Replacement in Intermediate Risk Patients: An Analysis from the PARTNER 2 Randomized Trial in Valvular Disease: Aortic November 01, 2016 Journal of the American College of Cardiology.

American Heart Association, New Orleans
November 14-16, 2016


Publications


CENTER FOR INNOVATION AND OUTCOMES RESEARCH (CIOR)

Presentations

ASH Hematology 58th Annual Meeting & Exposition, San Diego, CA
December 3-6, 2016


See also AHA Wang L, et al.

Publications


Journal link
Pubmed link


Journal link
Pubmed link


Journal link

Book Chapters


GI Surgery

Publications


IMMUNOLOGY

Presentations

American Association for the Study of Liver Disease, Boston, MA
November 11-15, 2016

Guarrera J: Debate: In 10 Years Liver Machine Perfusion will be Universal (PRO)

Guarrarrera J. Innovation in Liver Transplantation: Hypothermic Machine Perfusion

Publications


Journal link

Pubmed link


Journal link

Pubmed link


Journal link


Quillin RC 3rd, Guarerra JV. "In 10 years" of debate: Pro-machine perfusion for liver preservation will be universal. Liver Transpl. 2016 Nov;22(S1):25-28.


PLASTIC SURGERY

Presentations

42nd Annual Meeting, the Israel Society of Plastic and Aesthetic Surgery, Tel Aviv November 2016

Ascherman, J. Defining the association between diabetes mellitus and plastic surgery outcomes: An analysis of 40,465 patients from the American College of Surgeons database.

THORACIC SURGERY

Presentations


Publications


Pubmed link


Pubmed link

Diamond JM, Arcasoy S, McDonnough JA, Sonett JR, Bacchetta M, D'Ovidio F, Cantu E 3rd, Bermudez CA, McBurnie A, Rushefski M, Kalman LH, Oyster M, D'Errico C,

[Journal link](https://doi.org/10.1111/ajt.13964)


**Book Chapters**