



COLUMBIA UNIVERSITY

*College of Physicians  
and Surgeons*



ColumbiaDoctors | *Surgery*

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](mailto:pk2245@columbia.edu)) or me ([crs2@cumc.columbia.edu](mailto: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

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## CLINICAL TRIAL ANNOUNCEMENT

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Actively recruiting: RANDOMIZED TRIAL OF HYBRID CORONARY  
REVASCULARIZATION VERSUS PERCUTANEOUS CORONARY INTERVENTION



“If I have”

- ❖ 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*

Richard Fine MD, Michael P. Berry MD, Susan Boolbol MD, Margaret Chen MD, Karen S. Columbus MD, Lisa Curcio MD, Sheldon Feldman MD, Linsey Gold DO, Linda K. Han MD, Lydia E. Hernandez MD, Andrew S. Kenler MD, Eric R. Manahan MD, Susan Seedman MD, Rache M. Simmons MD. ICE3 Trial: Cryoablation of Low Risk, Early Stage Breast Cancer < 1.5cm: An Evaluation of Local Recurrence – An Initial Overview.

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## **CARDIAC SURGERY**

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### **Presentations**

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

Akanni O, Garan AR, Takayama H, Han J, Kurlansky PA, Burkhoff DH, Yuzefpolskaya M, Colombo PC, Naka Y, Takeda K. Novel Minimally Invasive Surgical Approach for Refractory Cardiogenic Shock: A Hemodynamic Comparison With Current Percutaneous Strategies.

Axelrad JE, Pinsino A, Thanataveera A, Cagliostro B, Flanner MA, Ross K, Te-Frey RT, Effner L, Garan AR, Topkara VK, Takayama H, Takeda K, Naka Y, Colombo P, Gonda T, Yuzefpolskaya M. A Prospective Validation of the First Endoscopic Management Algorithm for Gastrointestinal Bleeding in Patients with Continuous-Flow Left Ventricular Assist Devices.

Castagna F, Pinsino A, Nwokocha J, Brunjes DL, Stohr EF, McDonnell BJ, Cockcroft JR, McEniery CM, Pineda MFF, Garan AR, Topkara VK, Te-Frey RT, Takayama H, Takeda K, Naka Y, Colombo PC, Yuzefpolskaya M. Differences In 24-Hour Vascular Hemodynamic Profiles Among Healthy Subjects, Heart Failure, Left Ventricular Assist Device and Heart Transplant Patients.

Castagna F, Pinsino A, Stohr EJ, McConnell J, Brunjes DL, Nwokocha JK, Cockcroft JR, Te-Frey RT, Garan AR, Topkara VK, Takayama H, Takeda K, Naka Y, Colombo PC, Yuzefpolskaya M. Reduced 24-hour Blood Pressure Variability is Associated With Lower Pulse Pressure in Patients on Continuous Flow Left Ventricular Assist Device Support.

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.

Cevasco M, Ikegami H, Wiley J, Garan AR, Chan C, Han J, Colombo P, Yusefpolskaya M, Kurlansky P, Naka Y, Takayama H, Takeda K. VA-ECMO Cannulation Strategy and Influence on Cerebral Blood Flow Velocities.

Chan CW, Patton-Rivera K, Beck JR, Fung K, Garan AR, Han J, Ando M, Cevasco M, Colombo PC, Naka Y, Takayama H, Takeda K. Usefulness of Near-infrared Reflectance Spectroscopy to Assess Lower-limb Perfusion on Femoral Venoarterial Extracorporeal Membrane Oxygenation.

Cheng Y, Garan AR, Takayama H, Ando M, Han J, Kurlansky PA, Yuzefpolskaya M, Colombo PC, Nak Y, Takea K. Long-term Outcome of Patients Bridged to Recovery After Short-term Mechanical Circulatory Support for Cardiogenic Shock.

Coromilas EJ, Garan AR, Yuzefpolskaya M, Takeda K, Takayama H, Farr M, Naka Y, Colombo PC, Topkara VK. Cardiac Recovery in Patients with Adriamycin-Induced Cardiomyopathy After Left Ventricular Assist Device Support.

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.

Fried JA, Takeda K, Clerkin K, Ando M, Masoumi A, Topkara V, Burkhoff D, Yuzefpolskaya M, Kirtane A, Karpaliotis D, Colombo PC, Naka Y, Takayama H, Garan A. Predictors of Survival to Discharge After VA-ECMO Support for Acute Myocardial Infarction Complicated by Cardiogenic Shock.

Fried JA, Truby L, Restaino S, Rubin G, Clerkin K, Takeda K, Takayama H, Farr M, Naka Y, Colombo PC, Fine B. Comparison of Predictors and Outcomes of Severe LV and RV Primary Graft Dysfunction in Heart Transplant Recipients.

Garan AR, Takeda K, Salna MP, Topkara VK, Sreekanth S, Vandenberg J, Yuzefpolskaya M, Naka Y, Colombo PC, Karpaliotis D, Farrar D, Kirtane A, Takayama H, Kurlansky P. A Prospective Comparison of Veno-Arterial Extra-Corporeal Membrane Oxygenation and a Percutaneous Ventricular Assist Device for Cardiogenic Shock Following Acute Myocardial Infarction.

Givens RC, Topkara VK, Edmondson D, Restaino SW, Colombo PC, Latif F, Jennings D, Naka Y, Takayama H, Takeda K, Farr MA. Predictors and Outcomes of Readmission After Heart Transplantation: An Analysis of UNOS/OPTN Data From

2000 to 2015.

Han J, Ando M, Cevasco M, Kurlansky PA, Garan AR, Colombo PC, Takayama H, Naka Y, Takeda K. Predictors of Neurologic Outcomes After Extracorporeal Cardiopulmonary Resuscitation.

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.

Han J, Pinsino A, Royzman E, Gaudig A, Mabasa M, takayama H, Kurlansky PA, Garan AR, Topkara VK, Naka Y, Takeda K, Colombo PC, Yuzefpolskaya M. Predictors of Postoperative Vasoplegia in Patients Receiving Left Ventricular Assist Devices.

Hoemann B, Cevasco M, Takayama H, Han J, Kurlansky P, Colombo PC, Farr M, Naka Y, Takeda K. Ideal Body Weight May Be A Better Comparative Variable than Actual Body Weight for Donor-Recipient Matching in Orthotopic Heart Transplantation.

Hoemann B, Takayama H, Wright M, Jennings DL, Han J, Restaino S, Colombo PC, Farr M, Naka Y, Takeda K. Discontinuing Amiodarone Treatment Prior to Heart Transplant May Lower Incidence of Severe Primary Graft Dysfunction.

Lange N, Baker WL, Shullo M, Latif F, Restaino S, Takeda K, Takayama H, Naka Y, Farr M, Colombo P, Jennings DL. Outcomes Associated With Mammalian Target of Rapamycin (mTOR) Inhibitors in Heart Transplant Recipients: A Meta-analysis.

Nakagawa S, Garan AR, Takeda K, Topkara VK, Takayama H, Yuzefpolskaya M, Colombo PC, Naka Y, Blinderman CD. Palliative Care Consultation in Cardiogenic Shock Requiring Short-term Mechanical Circulatory Support – A Retrospective Description of Timing and Utilization From a Single Institution.

Pinsino A, Castagna F, Stohr EJ, McDonnell BJ, Cockcroft R, Tiburcio M, Effner L, Garan AR, Topkara VK, Takeda K, Takayama H, Naka Y, Demmer RT, Yuzefpolskaya M, Colombo PC.

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

Pinsino A, Castagna F, Wiley JZ, Zuver AM, Flannery MA, Cagliostro B, Cockcroft JR, Garan AR, Topkara VK, Takayama H, Takeda K, Naka Y, Demmer RT, Colombo pC, Yuzefpolskaya M. Predictive Value of Mean Arterial Pressure Versus Systolic Blood Pressure and Visit-To-Visit Blood Pressure Variability for Stroke and Pump Thrombosis in HeartMate II Patients.

Pinsino A, Jennings DL, Willey JZ, Royzman EA, Mabasa M, Castagna F, Garan AR, Ross K, Effner L, Topkara VK, Naka Y, Takayama H, Takeda K, McDonnell BJ, Cockcroft JR, Colombo PC, Yuzefpolskaya M. Differential Effects of Carvedilol vs. Metoprolol on Mortality and Adverse Events in Left Ventricular Assist Device Patients.

Pinsino A, Masoumi A, Radhakrishnan J, Demmer RT, Royzman EA, Mabasa M, Brunjes DL, Clemons AM, Cagliostro B, Garan AR, Topkara VK, Takeda K, Takayama H, Naka Y, Colombo PC, Yuzefpolskaya M. Creatinine versus Cystatin C Based Equations for Estimation of Renal Function in Left Ventricular Assist Device Patients.

Pinsino A, Masoumi A, Radhakrishnan J, Royzman A, Mabasa M, Castagna F, Zuver AM, Nasiri M, Garan AR, Topkara VK, Takayama H, Takeda K, Naka Y, Demmer RT, Colombo PC, Yuzefposkaya M. Hemodynamic Determinants of Decline in Renal Function During Left Ventricular Assist Device Support.

Rosenblum H, Pinsino A, Demmer RT, Colombo PC, Yuzefpolskaya M, Garan AR, Topkara VK, Gaudig A, Pineda MT, Naka Y, Takayama H, Takeda K, Castagna F, Wiley JZ, McDonnell BJ, Cockcroft JR, Stohr E. Increased Aortic Stiffness is Associated with Higher Rates of Stroke, GI-bleeding and Pump Thrombosis in Continuous-Flow Left Ventricular Assist Device Patients.

Rosenblum H, Pinsino A, Gavalas M, Zuver A, Parikh K, Parkis G, Flannery M, Mabasa M, Royzman A, Gaudig A, Garan AR, Topkara VK, Takayama H, Takeda K, Naka Y, Yuzefpolskaya M, Colombo PC. Prognostic Implications of Intermediate Hemolysis in Continuous Flow Left Ventricular Assist Device Patients.

Rubin G, Sanchez J, Bayne J, Takayama H, Takeda K, Naka Y, Garan AR, Farr M, Wan E. Clinical Outcomes After Tricuspid Annuloplasty Prior to Cardiac Transplantation: A Single Center Experience.

Sanchez JE, Garan AR, Topkara VK, Han J, Kurlansky P, Yuzefpolskaya M, Colombo PC, Naka Y, Takayama H, Takeda K. Ten-year Experience With CentriMag Ventricular Assist Device Use in Acute Myocardial Infarction and Cardiogenic Shock.

See SB, Pinsino A, Kunimune N, Onat D, Nasiriahmadabadi H, Yuzefpolskaya M, Garan AR, Topkara VK, Naka Y, Takayama H, Takeda K, Colombo PC, Zorn E. Natural Polyreactive Antibodies and Inflammatory Markers Following Left Ventricular Assist Device Implantation.

Simpson MT, Takayama H, Han J, Kurlansky P, Garan AR, Farr MA, Colombo PC, Naka Y, Takeda K. Outcome of Cardiac Retransplantation for Late Allograft Failure: A Fifteen-Year Single Center Experience.

Simpson MT, Takayama H, Han J, Ando M, Cevasco M, Kurlansky P, Garan AR, Farr MA, Colombo PC, Naka Y, Takeda K. Mechanical Circulatory Support for Late Cardiac Allograft Failure.

Stohr EJ, Castagna F, Pinsino A, Cockcroft JR, Yuzefpolskaya M, Garan AR, Topkara VK, Takayama H, Takeda K, Naka Y, Colombo PC, Wiley JZ, McDonnell BJ.

Transmission of Pulsatility Into the Brain of Patients with Continuous-Flow Left Ventricular Assist Devices.

Stohr EJ, Gaudig A, Pinsino A, Castagna F, Colombo PC, Yuzefpolskaya M, Garan AR, Topkara VK, Takayama H, Takeda K, Naka Y, Cockcroft JR, McDonnell BJ, Wiley JZ. Laterality of Cerebral Artery Hemodynamics in Continuous-Flow LVAD Patients: A Pilot Study in Relation to Stroke.

Truby LK, Farr M, Garan A, Givens R, Takayama H, Takeda K, Yuzefpolskaya M, Latif F, Restaino S, Axsom K, Naka Y, Colombo PC, Topkara VK. Pre-Transplant Hemoglobin A1c Predicts Long Term Outcomes Following Heart Transplantation.

Truby LK, Garan A, Givens R, Takayama H, Takeda K, Yuzefpolskaya M, Latif F, Restaino S, Farr M, Naka Y, Colombo PC, Topkara VK. Pre-Transplant Proteinuria Predicts Post-Transplant Renal Replacement Therapy and Mortality in Patients Bridged with Left Ventricular Assist Devices.

Truby LK, Garan AR, Givens R, Takayama H, Yuzefpolskaya M, Takeda K, Latif F, Restaino S, Naka Y, Colombo PC, Farr M, Uriel N, Topkara VK. Pulmonary Artery Decoupling Further Enhances Discriminatory Power of Pulmonary Vascular Resistance in Patients Bridged to Transplant with Left Ventricular Assist Devices.

Truby LK, Takeda K, Topkara VK, Takayama H, Latif F, Restaino S, Yuzefpolskaya M, Axsom K, Naka Y, Colombo PC, Farr M. Bridge to Transplant with Continuous Flow Left Ventricular Assist Devices Increases Risk for Severe Primary Graft Dysfunction.

Yu SN, Cevasco M, Han J, Flannery M, Colombo PC, Takayama H, Naka Y, Takeda K. After the Referral: How Patients Fare After Evaluation for Left Ventricular Assist Device Placement.

Yuzefpolskaya M, Demmer RT, Onat D, Nasiri M, Trinh P, Zuver AM, Pinsino A, Royzman EA, Garan AR, Topkara VK, Takayama H, Takeda K, Naka Y, Farr MA, Uhlemann A, Colombo PC. Advanced Heart Failure Patients With Left Ventricular Assist Devices and Heart Transplantation Have Altered Oral Microbial Diversity Alongside Endotoxemia, Inflammation and Oxidative Stress.

Yuzefpolskaya M, Nasiri M, Onat D, Royzman EA, Nwokocha J, Pinsino A, Brunjes DL, Trinh P, Zuver AM, Garan AR, Topkara VK, Takayama H, Takeda K, Naka Y,



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**

Ankola AA, Crystal MA, Bacha EA, Kalfa D. pseudoaneurysm Formation Associated With a Modified Blalock-Taussig Shunt. *Semin Thorac Cardiovasc Surg*. 2018 Mar 27. pii: S1043-0679(18)30088-1. doi: 10.1053/j.semtcvs.2018.02.035. [Epub ahead of print]

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Boulate D, Fabre D, Langer NB, Fadel E. Ascending aorta, aortic arch and supra-aortic vessels rupture in blunt thoracic trauma. *Interact Cardiovasc Thorac Surg*. 2018 Mar 5. doi: 10.1093/icvts/ivy055. [Epub ahead of print]

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Codner P, Pugliese D, Kouz R, Patel A, Chen CH, Terre J, Eudailey KW, Nazif T, Vahl TP, George I, Khalique OK, Hahn RT, Leon MB, Kodali S, Borger M. Transcatheter Aortic Valve Replacement by a Novel Suprasternal Approach. *Ann Thorac Surg*. 2018 Apr;105(4):1215-1222. doi: 10.1016/j.athoracsur.2017.10.055. Epub 2018 Feb 15.

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Nakanishi K, Homma S, Han J, Takayama H, Colombo PC, Yuzefpolskaya M, Garan AR, Farr MA, Kurlansky P, Di Tullio MR, Naka Y, Takeda K. Usefulness of Tricuspid Annular Diameter to Predict Late Right Sided Heart Failure in Patients With Left Ventricular Assist Device. *Am J Cardiol*. 2018 Mar 28. pii: S0002-9149(18)30378-3. doi: 10.1016/j.amjcard.2018.03.010. [Epub ahead of print]

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Paul EA, Torres AJ, Chelliah A, Martinez M, Ferris AM, Kalfa DM. Extra-anatomic suprahepatic to innominate vein conduit in heterotaxy. *J Thorac Cardiovasc Surg*. 2018

Mar 16. pii: S0022-5223(18)30805-5. doi: 10.1016/j.jtcvs.2018.03.026. [Epub ahead of print]

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Stöhr EJ, Takayama H, Ferrari G. Stretch your heart-but not too far: The role of titin mutations in dilated cardiomyopathy. *J Thorac Cardiovasc Surg*. 2018 Mar 12. pii: S0022-5223(18)30706-2. doi: 10.1016/j.jtcvs.2017.10.160.

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Yu SN, Takayama H, Han J, Garan AR, Kurlansky P, Yuzefpolskaya M, Colombo PC, Naka Y, Takeda K. Late outcomes of subcostal exchange of the HeartMate II left ventricular assist device: a word of caution. *Eur J Cardiothorac Surg*. 2018 Apr 10. doi: 10.1093/ejcts/ezy159. [Epub ahead of print]

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## COLON AND RECTAL SURGERY

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### 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, Chand M. Opioid-free Colectomy: A Reality that Can Improve Patient & Financial Outcomes in Surgery.

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.

Sharma S, Keller DS, Oh A, Althans A, Hull T, Gorgan E, Steele SR. Assessing the Risk of Postoperative Small Bowel Obstructions Across Minimally Invasive Surgery

Platforms in Colorectal Surgery.

### **Publications**

Emile SH, de Lacy FB, Keller DS, Martin-Perez B, Alrawi S, Lacy AM, Chand M. Evolution of transanal total mesorectal excision for rectal cancer: From top to bottom. *World J Gastrointest Surg*. 2018 Mar 27;10(3):28-39. doi: 10.4240/wjgs.v10.i3.28. Review.

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Kuritzkes BA, Pappou EP, Kiran RP, Baser O, Fan L, Guo X, Zhao B, Bentley-Hibbert S. Visceral fat area, not body mass index, predicts postoperative 30-day morbidity in patients undergoing colon resection for cancer. *Int J Colorectal Dis*. 2018 Apr 15. doi: 10.1007/s00384-018-3038-2. [Epub ahead of print]

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### **Books**

*Operative Techniques in Single Incision Laparoscopic Surgery*, Eds: Geisler DG Keller DS, Haas EM. In Press, Springer, New York, NY. 2017. ISBN 978-3-319-63204-9.

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## **GI/ENDOCRINE SURGERY**

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### **Presentations**

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

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

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

### **Publications**

Rashid MF, Hecht EM, Steinman JA, Kluger MD. Irreversible electroporation of pancreatic adenocarcinoma: a primer for the radiologist. *Abdom Radiol (NY)*. 2018 Feb;43(2):457-466. doi: 10.1007/s00261-017-1349-3.

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Steinman J, Zaheer A, Kluger MD, Remotti H, Hecht EM. Rare pancreatic tumors. *Abdom Radiol (NY)*. 2018 Feb;43(2):285-300. doi: 10.1007/s00261-017-1342-x.

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## IMMUNOLOGY/TRANSPLANTATION SURGERY

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### Publications

Shah JA, Lanaspá MA, Tanabe T, Watanabe H, Johnson RJ, Yamada K. Remaining Physiological Barriers in Porcine Kidney Xenotransplantation: Potential Pathways behind Proteinuria as well as Factors Related to Growth Discrepancies following Pig-to-Kidney Xenotransplantation. *J Immunol Res*. 2018 Mar 4;2018:6413012. doi: 10.1155/2018/6413012. eCollection 2018.

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Watanabe H, Sahara H, Nomura S, Tanabe T, Ekanayake-Alper DK, Boyd LK, Louras NJ, Asfour A, Danton MA, Ho SH, Arn JS, Hawley RJ, Shimizu A, Nagayasu T, Ayares D, Lorber MI, Sykes M, Sachs DH and Yamada K GalT-KO pig lungs are highly susceptible to acute vascular rejection in baboons, which may be mitigated by transgenic expression of hCD47 on porcine blood vessels. *Xenotransplantation*. 2018 Mar 12. doi: 10.1111/xen.12391.

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## PEDIATRIC SURGERY

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### 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-Arterial (VA) ECMO.

## Publications

Shieh HF, Ahmed A, Rohrer L, Zurakowski D, Fauza DO. Donor mesenchymal stem cell kinetics after transamniotic stem cell therapy (TRASCET) for experimental spina bifida. *J Pediatr Surg*. 2018.

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Shieh HF, Smithers CJ, Hamilton TE, Zurakowski D, Visner GA, Manfredi MA, Jennings RW, Baird CW. Descending aortopexy and posterior tracheopexy for severe tracheomalacia and left mainstem bronchomalacia. *Semin Thorac Cardiovasc Surg*. 2018.

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Shieh HF, Smithers CJ, Hamilton TE, Zurakowski D, Visner GA, Manfredi MA, Baird CW, Jennings RW. Posterior tracheopexy for severe tracheomalacia associated with esophageal atresia (EA): primary treatment at the time of initial EA repair versus secondary treatment. *Front Surg*. 2018; 4:80.

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## THORACIC SURGERY

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### Presentations

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

Benvenuto LJ, Anderson DR, Kim HP, Hook JL, Shah L, Robbins H, D'Ovidio F, Bacchetta M, Sonett JR, Arcasoy SM. Geographic Disparities in Donor Lung Availability Impact Waitlist Outcomes in Lung Transplant Candidates: A Retrospective Cohort Study.

Gruenthart BA, O'Neill J, Hozain A, Tipograf Y, Vunjak-Novakovic G, Bacchetta M. Cell Recovery and Regeneration in Severely Damaged Lungs on Cross-Circulation.

Snyder ME, Connors T, Benvenuto L, Shah L, Robbins H, Hook J, D'Ovidio F, Bacchetta M, Sonett JR, Arcasoy S, Farber DL. Impact of Primary Graft Dysfunction on Allograft T Cell Chimerism Following Lung Transplantation.

Tipograf Y, Gruenthart BA, Hozain A, Berman Rosenzweig E, Bacchetta. Central VA

ECMO for Severe Pulmonary Arterial Hypertension: A Novel Cannulation Strategy.

Urso A, Briganti DF, Costa J, Nandakumar R, Robbins H, Shah L, Sonett JR, Cremers S, Arcasoy S, D'Ovidio F. Bile Acid Aspiration is Associated with Airway Infections: A Targeted Metabolomic Approach.

### **Publications**

Costa J, Gorenstein LA, D'Ovidio F. Novel Treatment for Anastomotic Leak Following Ivor-Lewis Esophagectomy. *Ann Thorac Surg*. 2018 Apr 13. pii: S0003-4975(18)30501-0. doi: 10.1016/j.athoracsur.2018.03.025. [Epub ahead of print]

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### **Books**

Sonett JR, Bromberger B, Jaretzki AJ. Chapter: Thymectomy for Non-thymomatous Myasthenia Gravis. In *Myasthenia Gravis and Related Disorders, 3rd Edition*, Kaminski HJ and Kusner LL, Ed. Humana Press, New York, 2018.

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## **VASCULAR SURGERY**

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### **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.

Deery SE, O'Donnell TFX, Boitano LT, Lancaster RT, Scali ST, Beck AW, Schermerhorn ML, Patel VI. National Use of Chimney and Fenestrated EVAR for the Endovascular Repair of Complex Abdominal Aortic Aneurysms.

O'Donnell TFX, Deery SE, Siracuse JJ, Schermerhorn ML, Scali ST, Schanzer A, Lancaster RT, Patel VI. Association of Aneurysm Sac Behavior with Long-Term Survival Following EVAR. Society of Clinical Vascular Surgery 2018.

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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

open thoracic and thoracoabdominal aortic aneurysm repair. *J Vasc Surg*. 2018 Mar 31.  
pii: S0741-5214(18)30272-6. doi: 10.1016/j.jvs.2017.12.072. [Epub ahead of print]

[Journal link](#)

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