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Dear Colleagues,

Thank you for continuing to send updates about your publications. I hope you are finding this newsletter to be informative and helpful.

Please continue to email Paul Kurlansky (pk2245@columbia.edu) or myself (crs2@cumc.columbia.edu) with your confirmed publications, presentations, and grants as we will continue to send this newsletter monthly.

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Best wishes for a happy holiday season.

Thank you,
Craig Smith, MD

ABDOMINAL SURGERY

Presentations

Kluger M. Laparoscopic distal pancreatectomy. Caribbean Society of Endoscopic Surgeons (CaSES). Curacao; November 2014.

Kluger M. Establishing standards for developing health care systems: database for laparoscopic cases in the Caribbean. Caribbean Society of Endoscopic Surgeons (CaSES). Curacao; November 2014.

CARDIAC SURGERY

Presentations

Kalfa D, Williams G, Pouponneau P, Pontailier M, Ahmad B, Vanneaux V, Larghero J, Bacha E, Menasché Ph. Tissue Engineering of the right Heart outflow tract by a biofunctionalized bioresorbable polymeric valved TUBE: preliminary results of the TEH-TUBE program. Annual meeting of the Congenital Heart Surgeon's Society CHSS, Chicago, USA, October 19-20th, 2014.

Kalfa D, Belli E, Bacha E, Lambert V, di Carlo D, Sairanen H, Rubay J, Kostolny M, Schreiber C, Nosal M, Hazekamp M, Berggren H, Yemets I, Maruszewski B, Sarris G, Pozzi M, Ebels T, Lacour-Gayet F; European Congenital Heart Surgeons Association (ECHSA). Pulmonary Vein Obstruction: a European Congenital Heart Surgeons Association (ECHSA) Multicentric Study. American Heart Association AHA, Scientific Sessions, Chicago, Nov. 16-19th, 2014.

Kalfa–Invited Lecture: Innovative Breakthroughs in Congenital Cardiac Surgery. Multidisciplinary Meeting for Congenital Heart Diseases, Bordeaux, France, November 26-27th, 2014.

Adams JA, Uryash A, Pastuszko P, Pastuszko A, Nadkarni V, Kurlansky P. Heart rate variability after cardiac arrest is preserved by whole body periodic acceleration. American Heart Association Scientific Sessions, Chicago, November, 2014.

Li J, Singh J, Kurlansky P, Shehadeh L. Osteopontin RNA aptamer protects against pressure overload-induced cardiac dysfunction. American Heart Association Scientific Sessions, Chicago, November, 2014.

Publications

A Randomized Multicenter Trial of Minimally Invasive Rapid Deployment Versus Conventional Full Sternotomy Aortic Valve Replacement Borger MA, Moustafine V, Conradi L, Knosalla C, Richter M, Merk DR, Doenst T, Hammerschmidt R, Treede H, Dohmen P, Strauch JT Ann Thorac Surg 2014.

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Yerebakan H, Sorabella RA, Najjar M, Castillero E, Mongero L, Beck J, Hossain M, Takayama H, Williams MR, Naka Y, Argenziano M, Bacha E, Smith CR, George I. Del Nido Cardioplegia can be safely administered in high-risk coronary artery bypass grafting surgery after acute myocardial infarction: a propensity matched comparison. J Cardiothorac Surg. 2014 Oct 30;9(1):141.

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Smith PK1, Puskas JD, Ascheim DD, Voisine P, Gelijns AC, Moskowitz AJ, Hung JW,

Parides MK, Ailawadi G, Perrault LP, Acker MA, Argenziano M, Thourani V, Gammie JS, Miller MA, Pagé P, Overbey JR, Bagiella E, Dagenais F, Blackstone EH, Kron IL, Goldstein DJ, Rose EA, Moquete EG, Jeffries N, Gardner TJ, O'Gara PT, Alexander JH, Michler RE. Surgical Treatment of Moderate Ischemic Mitral Regurgitation. *N Engl J Med*. 2014 Nov 18. [Epub ahead of print].

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Takeda K, Takayama H, Coluombo PC, Jorde UP, Yuzefpolskaya M, Fukuhara S, Mancini DM, Naka Y. Late right heart failure during support with continuous-flow left ventricular assist devices adversely affects post-transplant outcome. *J Heart Lung Transplant*, 2014, accepted; on line: doi.org/10.1016/j.healun.2014.10.005.

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Takeda K, Takayama H, Kalesan B, Uriel N, Colombo PC, Jorde UP, Yuzefpolskaya M, Mancini DM, Naka Y. Outcome of cardiac transplantation in patients requiring prolonged continuous-flow left ventricular assist device support. *J Heart Lung Transplant*, 2014.

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Kalfa D. Invited Editorial Commentary: Understanding and not only observing: the key of the success in tissue engineering? *J Thorac Cardiovasc Surg*, 2014, doi: 10.1016/j.jtcvs.2014.09.079.

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Book Chapters

Surgical volume to outcome relationship in pediatric cardiac surgery. D Kalfa, D Gottlieb, JM Chen, E Bacha. In *Pediatric and Congenital Cardiac Care: Volume 2: Quality Improvement, and Patient Safety*. Barach, Jacobs, Laussen, Lipshultz (eds). DOI 10.1007/978-1-4471-6566-8_8, ©Springer-Verlag London 2015.

Supramitral stenosis, D Kalfa, E Bacha. In *Pediatric Cardiology, Cardiac Surgery and Intensive Care*. Da Cruz E, Dunbar Ivy D, Hraska V, Jaggze J (ed). DOI 10.1007/978-1-4471-4619-3, ©Springer-Verlag London 2014, chap 95, pages, 1659-1669.

PEDIATRIC SURGERY

Grants/Awards

2014 CaMPR-BASIC Award: Lori M. Zeltser (PI-Basic Science), David K Leung (PI-Clinical); Jeffrey Zitsman (Co-Investigator): Structural and functional impairments in brown adipose tissue in early-onset obesity.

Presentations

Stylianios S. Damage Control in Pediatric Trauma. 2nd Annual Western Pediatric Trauma Conference, July 9-11, 2014, San Diego, CA.

Stylianios S. Family Presence in Pediatric Trauma Bay. 2nd Annual Western Pediatric Trauma Conference, July 9-11, 2014, San Diego, CA.

Stylianios S. Secrets to a Successful ACS-COT Verification Visit. 2nd Annual Western Pediatric Trauma Conference, July 9-11, 2014, San Diego, CA.

Stylianios, S. The Injured Family: Hidden Morbidity in Pediatric Trauma. Northern Ohio Trauma Symposium, Oct 13, 2014, Cleveland, OH.

Monteagudo J, Aspelund G, Zitsman JL. Who stands to lose the most? A comparison of percent excess weight loss by BMI category among adolescents undergoing sleeve gastrectomy vs laparoscopic gastric banding. 31st Annual Meeting, American Society for Metabolic and Bariatric Surgery/Obesity Week, Boston, MA, November 3-7, 2014.

Sysko R, Kaplan S, Kostro K, Devlin M, Fennoy I, Zitsman J, Walsh BT. Who gets bariatric surgery? A comparison of psychiatric symptoms among adolescent candidates, obese adolescents, and healthy control adolescents. 48th Annual Convention, Association for Behavioral and Cognitive Therapy, Philadelphia, PA, November 20-23, 2014.

Zitsman. JL. Invited Faculty-Integrated Health Session. 31st Annual Meeting, American Society for Metabolic and Bariatric Surgery/Obesity Week, Boston, MA, November 3-7, 2014.

Publications

Nazarey P, Stylianios S, Velis E, et al. Treatment of suspected acute perforated appendicitis with antibiotics and interval appendectomy. *J Pediatr Surg* 49:447-450, 2014.

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Golden J, Mitchell I, Lipskar A, Stylianios S, Rosen N. Reducing scheduled phlebotomy in stable pediatric patients with blunt liver or spleen injury. *J Pediatr Surg* 49:759-762, 2014.

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Alkhoury F, Knight C, Stylianos S, et al. Prospective comparison of non narcotic versus narcotic out-patient oral analgesic use after laparoscopic appendectomy and early discharge. *Minimally Invasive Surgery* 2014; Article ID 509632.

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Zitsman JL, DiGiorgi MF, Fennoy I, Kopchinsky JS, Sysko R, Devlin MJ. Adolescent laparoscopic adjustable gastric banding (LAGB): prospective results in 137 patients followed for 3 years *Surg Obes Relat Dis.* 2014 Jun 5. [Epub ahead of print].

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Keung, CH, Gander JW, Zitsman JL. Mesenteric venous thrombosis following vertical sleeve gastrectomy in an adolescent. *Surg Obes Relat Dis*, 2014: S1550-7289(14)00137-3.

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Rosines LA, Chow DS, Lampl BS, Chen S, Gordon S, Mui LW, Aspelund G, Ruzal-Shapiro CB. Value of gadolinium-enhanced MRI in detection of acute appendicitis in children and adolescents. *AJR Am J Roentgenol.* 2014 Nov;203(5):W543-8.

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TRANSPLANTATION/IMMUNOLOGY

Publications

Thome, J.J.C., Yudanin, N.A., Ohmura, Y., Kubota, M., Grinshpun, B., Sathaliyawala, T., Kato, T., Lerner, H., Shen, Y. and Farber, D.L. (2014) Spatial map of human T cell compartmentalization and maintenance over decades of life. *Cell.* 159:814-28.

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Tanriover B, Mohan S, Cohen DJ, Radhakrishnan J, Nickolas TL, Stone PW, Tsapepas DS, Crew RJ, Dube GK, Sandoval PR, Samstein B, Dogan E, Gaston RS, Tanriover JN, Ratner LE, Hardy MA: Kidneys at higher risk of discard: Expanding the role of dual

kidney transplantation. Am J Transplant 2014, 14:404-415.

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Tsapepas DS, Vasilescu R, Tanriover B, Coppleson Y, Rekhman Y, Hardy MA, Dube G, Crew RJ, Ratner LE, Cohen DJ, Mohan S: Preformed donor-specific antibodies and risk of antibody-mediated rejection in repeat renal transplantation. Transplantation 2014, Mar 27;97(6):642-7.

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Iyer SP, Nikkel LE, Nishiyama KK, Dworakowshi E, Cremers S, Zhang C, McMahon DJ, Boutroy S, Liu XS, Ratner LE, Cohen DJ, Guo XE, Shane E, Nickolas TL: Kidney transplantation with early corticosteroid withdrawal: paradoxical effects at the central and peripheral skeleton. J Am Soc Nephrol 2014;vol. 25 no. 61331-1341.

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Ho EK, Vasilescu ER, Vlad G, Clynes RA, Ratner LE, Suci-Foca N: Detection of donor-specific-antibodies by solid phase assay and its relevance to complement-dependent-lymphocytotoxicity cross-matching in kidney transplantation. Hum Immunol 2014; 75(6):520-3.

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Israni A, Dean CE, Salkowski N, Li S, Ratner LE, Rabb H, Powe NR, Kim SJ: Variation in structure and delivery of care between kidney transplant centers in the United States. Transplantation 2014; 15;98(5):520-8.

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Madan RP, Delli Carpini K, Huprikar S, Lerner H, Patel G, Ratner LE, Goldstein MJ, Herold BC: A pilot program to evaluate deceased donor disease transmission risk: the New York Organ Donor Network Infectious Disease Working Group. Transplantation 2014; Oct 27;98(8):909-15.

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Orandi BJ, Garonzik-Wang JM, Massie AB, Zachary AA, Montgomery JR, Van Arendonk KJ, Stegall MD, Jordan SC, Oberholzer J, Dunn TB, Ratner LE, Kapur S, Pelletier RP, Roberts JP, Melcher ML, Singh P, Sudan DL, Posner MP, El-Amm JM,

Shapiro R, Cooper M, Lipkowitz GS, Rees MA, Marsh CL, Sankari BR, Gerber DA, Nelson P, Wellen J, Bozorgzadeh A, Gaber AO, Montgomery RA, Segev DL: Quantifying the risk of incompatible kidney transplantation: a multicenter study. Am J Transplant 2014, Jul;14(7):1573-80.

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Bouchi R, Thams KF, Hua H, Tsuchiya K, Ohmura Y, Ratner LE, Egli D, Leibel RL, Accili D: FOXO1 Inhibition Yields Functional Insulin-Producing Cells in Human Gut Organoid Cultures. Nat Commun 2014, Jun 30:5:4242.

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Berli JU, Montgomery JR, Segev DL, Ratner LE, Maley WR, Cooper M, Melancon JK, Burdick J, Desai NM, Dagher NN, Lonze BE, Nazarian SM, Montgomery RA: Surgical Management of Early and Late Ureteral Complications after Renal Transplantation: Techniques and Outcomes. Clin Transplant 2014, Oct 13. [Epub ahead of print].

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