

9-1-2015

Department of Surgery Update, September 2015

Wright State University Department of Surgery

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Wright State University Department of Surgery (2015). *Department of Surgery Update, September 2015*. Dayton, Ohio.

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DEPARTMENT OF SURGERY UPDATE

September 2015

Visiting Professors



**Mary C. McCarthy, M.D.,
Endowed Lectureship in
Trauma Surgery**

October 28-29, 2015
Dr. M. Margaret (Peggy)
Knudson
Professor of Surgery,

University of California San Francisco,
San Francisco General Hospital and
Trauma Center,
Medical Director, American College of
Surgeons Military Health System Strategic
Partnership



**John W. Berry, Jr.,
Vascular Surgery Lecture**

December 8-9, 2015
Dr. Philip Paty
Professor of Surgery
Albany Medical College,

Chief of Vascular Surgery, St. Peters Hospital,
Medical Director of the Karmody Vascular
Laboratory at Albany Medical Center.

Committees

DOS Department Research Committee Meeting

Friday, October 2, 7 – 8 a.m.

DOS Faculty Meeting

Friday, October 16, 7 – 8:30 a.m.

All committee meetings are held at MVH, WCHE Building, 7th Floor, DOS Conference Room.

Save the Dates

ACS Clinical Congress WSUDOS Reception

Monday, October 5, 2015
6–8:30 p.m.
Hilton Chicago

Central Research Forum

Thursday, October 22, 2015
4:00 – 7:30 p.m.
WSU Student Union

DOS Staff Holiday Party

December 4, 2015
Noon – 4 p.m.
Location: Ladder 11

Department Holiday Party

December 11, 2015
7 – 10 p.m.
Details forthcoming

Chair's Message



“Tis chiefly the anatomy ye must understand if ye will do well anything ye do take in hand.” —John Halle 1529, English Surgeon

New medical students are now participating in the course that marks the transition from a classroom student to a medical student—anatomy. This is an opportunity to open the doors to surgical experience for the first time for them. Last year several of the residents participated in the anatomy laboratory and there was an enthusiastic response to this augmented learning. The students will be in the Bernie Anatomy Lab at BSOM from 1–4 p.m. on the days indicated in the schedule below. Dr. Kraszpuslka says you are welcome to join them for any time you may have available.

Date	Topic
September 1	Cervical viscera and root of the neck
September 3	Face and temporal region
September 4	Infratemporal fossa
September 5	Catch up and calvaria removal
September 8	Meninges and cranial fossae
September 9	The orbit
September 10	Pharynx
September 11	Nasal cavity
September 14	Oral region and larynx
September 15	Review
September 17	Inspection of abdominal cavity
September 18	Abdominal wall and spermatic cord
September 21	Celiac artery and related organs
September 22	SMA, IMA and related organs
September 23	Posterior abdominal structures
September 24	External genitalia and hemisection of the pelvis
September 28	Male and female pelvis
September 29	Review prosections and skin of the lower extremity
September 30	Gluteal region and posterior thigh
October 12	Anterior and medial thigh
October 2	Posterior and lateral leg
October 5	Anterior leg and foot
October 6	Finish foot and joint prosections
October 7	Review

New Chair of Pediatrics



John C. Duby, M.D., FAAP, CPE, was named chair of pediatrics at Wright State University effective October 1, 2015. Dr. Duby, professor of pediatrics at Northeast Ohio Medical University, earned his doctor of medicine degree at Ohio State University College of Medicine and completed his residency in pediatrics at Baylor College of Medicine in Houston, Texas. He did a fellowship in developmental and behavioral pediatrics at Boston University School of Medicine in Boston. He was clinical professor in the Department of Pediatrics at Boonshoft School of Medicine from 1990-2000. Welcome back Dr. Duby!

Recruitment

We are recruiting for an acute care surgeon and minimally invasive surgeon. If you know of an appropriate candidate, please contact Kim Paul at kim.paul@wrightstatephysicians.org.

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September 2015

Call for Abstracts

Central Surgical Association

September 11, 2015
goldstarabstracts.com/csa

American Surgical Association (ASA)

November 22, 2015
abstractsonline.com/submit/login.
asp?mkey={49F853C4-43B4-45FF-8040-8B1D3E41E586}

Department of Surgery eConnections:

Wikispaces

wsudos.wikispaces.com
flying-scalpel.wikispaces.com

Facebook

facebook.com/WSU.GeneralSurgeryResidency
facebook.com/WSU.Department.of.Surgery

Core Scholar

corescholar.libraries.wright.edu/surg_comm/

If you have any information you would like to share with the other members of the department, or professional or special events happening in your life, please e-mail Lynne at lsmith@premierhealth.com by the 15th of the month. The Faculty and Staff Update will be e-mailed the first of the month.

Faculty

Champions of Hope



Dr. Melissa Roelle is being honored on September 10 at 5:30 p.m. as the Champions of Hope Medical Professional. This cancer fundraiser will be at Miami Valley Hospital, Heart and Orthopedic Centers, 11th floor. For more information, please visit mvhfoundation.org/champions-of-hope. Congratulations Dr. Roelle!

New Faculty

Please welcome the new faculty to the Department of Surgery.



Kamran Jafree, M.D.



Gregory Semon, D.O.



Rebecca (Becky) Tuttle, M.D.



Alyssa Gans, M.D.

Residents

General Surgery Fall Gathering

Dr. Walusimbi will host a Department of Surgery Fall Gathering on September 19, 2015, from 3 to 6 p.m. Food and beverages will be provided. Please RSVP to Linda Rook (linda.roock@wright.edu) or Melissa Keller (melissa.keller@wrightstatephysicians.org) or call 208-2485.

Purple Stride 5-K

To continue in Dr. Damon Campbell's footsteps to create an event where residents and attendings can get together and do something, Dr. Bourgon is organizing a team called "Wright State Surgery" at the Purple Stride 5K. This 5K run/fun walk is to raise money for pancreatic cancer and will take place in Cincinnati on September 26. This is open to all residents and faculty. If you would like to participate, please sign up at <http://purplestride.kintera.org/faf/home/default.asp?ievent=1135006>.

Paul Farmer Global Surgery Fellowship

The Paul Farmer Global Surgery Fellowship is a one- or two-year program designed for those enrolled in a health-related graduate degree program with an interest in global surgical care, and professionals who have either already completed their surgical residency or are taking a scheduled break from formal training to conduct research. The purpose of the fellowship is to train leaders who will further promote surgical care, education, and research pertinent to global surgery. There are two tracks: research and clinical. Please note that if the prospective fellow wishes to pursue a Masters of Public Health, it is their responsibility to apply to both the M.P.H. program and summer program in Clinical Effectiveness through the Harvard School of Public Health. Surgeons/medical students from throughout the world can apply, but please review eligibility criteria. We are giving you a gentle reminder that the deadline is **two weeks away**, and that there is still time to apply if your fellows/residents/medical students are interested. The details can be perused at Harvard Global Surgery Fellowship Program.



Wright State Physicians

Please welcome **Kayla Mieczkowski** to the department as our new practice manager. Kayla started with us on August 17, and brings over seven years of experience working in academic and medical practice settings. Most recently she was a coordinator and project lead at the Center for Integrative Medicine-Toxicology Services at the University of

Colorado Hospital. Kayla holds a bachelor of business administration in health care management and a bachelor of arts in economics from the University of Minnesota, and will begin a dual M.B.A. and M.S. program in business administration and economics at Wright State University this fall. Kayla will be splitting her time between all of our patient office locations, so please introduce yourself the next time you see her. Welcome, Kayla!



Bethany Neidhart, medical billing specialist for the divisions of vascular and general surgery, has successfully passed the test and completed the credentialing process to become a certified professional coder. Bethany has been with us for over two years. In addition to her coding work,

Bethany also handles all of our auto and liability insurance claims. Congratulations, Bethany!



Please welcome **Darlene Spahr** to the MVH suite 5253 patient office. Darlene started with us on July 6 as a medical receptionist, and she brings over 10 years of administrative assisting and medical office management experience. Most recently she was an access coordinator at the Greater Dayton Vascular

Center. Darlene has an associate's degree in criminal justice and applied sciences from Clark State. If you haven't already, please introduce yourself when you stop by or are seeing patients in the 5253 patient office. Welcome, Darlene!



Please welcome **Nathalie Smyth** to the MVH suite 5253 patient office. Nathalie started with us on August 10 as a licensed practical nurse (LPN), and she brings over five years of patient care experience. Most recently she was a floor nurse at The Sanctuary at Wilmington Place. Nathalie

received her practical nursing training and diploma at RETS College. She will be shadowing each physician and LPN or CMA in the department as part of her orientation before being assigned her own physicians. Please introduce yourself the next time you're in the 5253 patient office. Welcome, Nathalie!

Scholarly Activity

(Faculty bolded, residents/students italicized)

PUBLICATIONS

Peer Reviewed

Barnett SJ, Katz A. Patients as partners in innovation. *Semin Pediatr Surg* 2015 Jun;24(3): 141-4. doi:10.1053/j.semped-surg.2015.02.014

Oral Presentations

Schneider A, **Ekeh AP**. Unusual case of massive megacolon in a young female. Oral presentation at: Midwest Surgical Association 58th Annual Meeting; 2015 Jul 26; Lake Geneva, WI.

Book Chapter

Asensio JA, Petrone P, Perez-Alonso A, Shah P, Person A, Udekwu AM, **Bini JK**, Leppaniemi, (2015) Brachial vessel injuries: High morbidity and low mortality injuries. *Elsevier Current Therapy of Trauma and Surgical Critical Care*, 2nd Edition.

Education

Combined Preoperative Mechanical Bowel Preparation With Oral Antibiotics Significantly Reduces Surgical Site Infection, Anastomotic Leak, and Ileus After Colorectal Surgery.

Kiran RP1, Murray AC, Chiuзан C, Estrada D, Forde K.

Abstract

OBJECTIVES:

To clarify whether bowel preparation use or its individual components [mechanical bowel preparation (MBP)/oral antibiotics] impact specific outcomes after colorectal surgery.

Methods:

National Surgical Quality Improvement Program-targeted colectomy data initiated in 2012 capture information on the use/type of bowel preparation and colorectal-specific complications. For patients undergoing elective colorectal resection, the impact of preoperative MBP and antibiotics (MBP+/ABX+), MBP alone (MBP+/ABX-), and no bowel preparation (no-prep) on outcomes, particularly anastomotic leak, surgical site infection (SSI), and ileus, were evaluated using unadjusted/adjusted logistic regression analysis.

Results:

Of 8,442 patients, 2,296 (27.2%) had no-prep, 3,822 (45.3%) MBP+/ABX-, and 2,324 (27.5%) MBP+/ABX+. Baseline characteristics were similar; however, there were marginally more patients with prior sepsis, ascites, steroid use, bleeding disorders, and disseminated cancer in no-prep. MBP with or without antibiotics was associated with reduced ileus [MBP+/ABX+: odds ratio (OR) = 0.57, 95% confidence interval (CI): 0.48-0.68; MBP+/ABX-: OR = 0.78, 95% CI: 0.68-0.91] and SSI [MBP+/ABX+: OR = 0.39, 95% CI: 0.32-0.48; MBP+/ABX-: OR = 0.80, 95% CI: 0.69-0.93] versus no-prep. MBP+/ABX+ was also associated with lower anastomotic leak rate than no-prep [OR = 0.45 (95% CI: 0.32-0.64)]. On multivariable analysis, MBP with antibiotics, but not without, was independently associated with reduced anastomotic leak (OR = 0.57, 95% CI: 0.35-0.94), SSI (OR = 0.40, 95% CI: 0.31-0.53), and postoperative ileus (OR = 0.71, 95% CI: 0.56-0.90).

Conclusions:

These data clarify the near 50-year debate whether bowel preparation improves outcomes after colorectal resection. MBP with oral antibiotics reduces by nearly half SSI, anastomotic leak, and ileus, the most common and troublesome complications after colorectal surgery.

Ann Surg. 2015 Sep;262(3):416-25. doi: 10.1097/SLA.0000000000001416.