
Joseph A. Iocono, M.D., M.B.A

Curriculum Vitae

Address:

Akron Children's Hospital
215 West Bowery St
Considine Professional Building, Level 6
Akron, Ohio 44308

CURRENT POSITION

Pediatric Surgeon Akron Children's Hospital Akron, OH	09/2018—present
Pediatric Surgery Education Director Akron Children's Hospital Akron, OH	02/2019—present
Professor, Department of Surgery Northeast Ohio Medical University Rootstown, OH	03/2019—present

UNDERGRADUATE EDUCATION

05/1989 B.S., Boston College, Chestnut Hill, MA *magna cum laude*
Majors: Chemistry and Mathematics

GRADUATE EDUCATION

06/1993 M.D., Sidney Kimmel Medical College
Thomas Jefferson University, Philadelphia, PA

05/2014 Executive Leadership and Management Program
University of Kentucky, Lexington, KY

05/2015 M.B.A. Business Administration, Health Care Concentration
Morehead State University, Morehead, KY

SURGICAL EDUCATION

07/1993-06/1994 Intern, General Surgery, the Milton S. Hershey Medical Center,
Pennsylvania State University, Hershey, PA

07/1994-06/1995 Resident General Surgery, the Milton S. Hershey Medical Center,
Pennsylvania State University, Hershey, PA

07/1995-06/1998	Pediatric Surgery Research Fellow, the Milton S. Hershey Medical Center, Pennsylvania State University, Hershey, PA (NIH-NRSA Fellow)
07/1998-06/2000	Resident General Surgery, the Milton S. Hershey Medical Center, Pennsylvania State University, Hershey, PA
07/2000-06/2001	Chief Resident General Surgery, the Milton S. Hershey Medical Center, Pennsylvania State University, Hershey, PA
07/2001-11/2001	Fellow, (Rotating), Pediatric Surgery, The Children's Hospital of Philadelphia, University of Pennsylvania, Philadelphia, PA
11/2001-06/2002	Fellow, Pediatric Surgery, St. Christopher's Hospital for Children, Drexel University School of Medicine
07/2002-06/2003	Chief Fellow, Pediatric Surgery, St. Christopher's Hospital for Children, Drexel University School of Medicine

BOARD CERTIFICATION:

National Board of Medical Examiners	1993
Advanced Trauma Life Support, Provider	1993, 1997
Advanced Trauma Life Support, Instructor	1998—thru 2022
Advanced Burn Life Support, Provider and Instructor	1998--2002
Pediatric Advanced Life Support, Provider	1998-present
Pediatric Advanced Life Support, Instructor	2006-2010
American Board of Surgery: Certified	2004 Certificate #49234
Re-certified till 2024	2013
American Board of Surgery: Certified	
Special Qualification in Pediatric Surgery	2006 Certificate # 941
Re-certified till 2026	2015

LICENSURE:

Ohio (with DEA)	2018 – present
Kentucky	2003 – present
Texas (with DEA)	2015 – present
Florida	2018 – present
Indiana	2019 – present
West Virginia	2021 – present
Virginia	2021 -- present
Pennsylvania	1995 – 2016

HOSPITAL PRIVILEGES:

Akron Children's Hospital Pediatric Surgery Full time Staff One Perkins Square Akron, OH 44308	09/2018—present
Clear Lake Regional Medical Center (Consulting) Consulting Surgeon, Pediatric Surgery 500 Medical Center Blvd. Webster, TX 77598	08/2018—present

Metro Health Medical Center (Consulting) Consulting Surgeon, Pediatric Surgery Cleveland, OH	10/2018—June 2019
University of Kentucky A.B. Chandler Medical Center, Kentucky Children's Hospital Division of Pediatric Surgery Lexington, KY 40536	07/2003—07/2018
Lexington Shriners Hospital for Children (Courtesy) 1900 Richmond Road Lexington, KY 40502	07/2003—07/2018
Central Baptist Hospital (Courtesy) Consulting Surgeon, Pediatric Surgery 1740 Nicholasville Road Lexington, KY 40503	10/2003—07/2018

ACADEMIC EXPERIENCE:

Professor Northeast Ohio Medical University Surgery Education Director at Akron Children's Hospital Rootstown, OH	03/2019 – present
Professor, with tenure Special Title Series, Academic Medical Educator University of Kentucky College of Medicine, Kentucky Children's Hospital Division of Pediatric Surgery Lexington, Kentucky	07/2016 -- 07/2018
Division Chief, Pediatric Surgery	01/2012 - 07/2018
Vice-Chairman for Education, Department of Surgery	07/2010 - 07/2018
Director, Surgery Pre-Doctoral Education (Third-year general surgery clerkship)	07/2008 - 07/2018
Surgical Director for Capacity Command, UK Healthcare	10/2017 - 07/2018
Associate Professor, with tenure Special Title Series, Academic Medical Educator University of Kentucky College of Medicine, Kentucky Children's Hospital Division of Pediatric Surgery Lexington, Kentucky	07/2009 – 06/2016
Assistant Professor Special Title Series, Tenure Track, Academic Medical Educator University of Kentucky College of Medicine, Kentucky Children's Hospital Division of Pediatric Surgery Lexington, Kentucky	07/2003 – 06/2009

RESEARCH EXPERIENCE

- 1988-1989 Research Fellow
American Chemical Society James Flack Norris
Undergraduate Research Fellow
Boston College, Chestnut Hill, MA
Supervisor: Larry W. McLaughlin, Ph.D.
Project: DNA Replication in the Presence of Apurinic Sites
- 1998-1992 Research/Computer Technician
Department of Dermatology
Jefferson Medical College, Thomas Jefferson University
Supervisor: Jouni Uitto, M.D., Ph.D.
Project: RNA extraction from fibrosarcoma cell lines, computer graphics
- 1992-1993 Senior Medical Student Surgical Research Project
Department of Surgery (Trauma Division)
Jefferson Medical College, Thomas Jefferson University
Supervisor: Reuven Rabinivici, M.D.
Project: Effect of Liposome encapsulated Hemoglobins on Sepsis Response
- 1995-1998 Surgical Research Fellow
NIH- National Research Service Award (NRSA)
The Pennsylvania State University
Hershey Medical Center
Supervisors: Thomas M. Krummel, M.D. and H. Paul Ehrlich, Ph.D.
Project: The Role of Hyaluronic Acid in Fetal and Adult Wound Healing
- 2004-2009 Ortho-Biotech Surgical Education Research Fellow
Association for Surgical Education
Supervisors: Don Risucci, Ph.D., Michael Donnelly, Ph.D.
Project: The use of Middle-Fidelity Models to teach Minimally Invasive
Surgical Techniques for Infants and Children (Completed, May 2009)

ACADEMIC HONORS/AWARDS

- 1989 Scholar of the College, "DNA Synthesis in the Presence of Apurinic Sites"
Boston College, Chestnut Hill, MA
- 1989 Phi Beta Kappa
Boston College, Chestnut Hill, MA
- 1989 Francis J. Brick Award, "Character, leadership, loyalty and scholarship"
Boston College, Chestnut Hill, MA
- 1993 J. Woodrow Savacool Prize in Medical Ethics
Jefferson Medical College of Thomas Jefferson University
Philadelphia, Pennsylvania
- 2000 Resident Humanitarian Award
The Milton S Hershey Medical Center
The Pennsylvania State University College of Medicine
Hershey, Pennsylvania
- 2003 Chief of Staff Award, Outstanding Fellow
St. Christopher's Hospital for Children

- 2003 Drexel University College of Medicine
Philadelphia, Pennsylvania
Employee of the Month Award (May)
St. Christopher's Hospital for Children
Philadelphia, Pennsylvania
- 2010 Alpha Omega Alpha
Elected by Students at University of Kentucky College of Medicine

TEACHING AWARDS

- 1995, 2000 Resident Teaching Award
The Pennsylvania State University College of Medicine
- 2006, 2010, 2011, 2012, 2014 Excellence in Medical Student and Resident Teaching Award
Department of Surgery
University of Kentucky
- 2007, 2009, 2011 2017 Clinical Clerkship Teaching Award
Excellence in Medical Student Education
University of Kentucky, College of Medicine Dean's Office
- 2007 Ben Eiseman Surgery Teaching Award for Excellence in Resident Education
University of Kentucky, Department of Surgery
- 2009, 2010, 2011 2012, 2014 Best Third Year Clerkship (presented at Annual Academic Convocation)
University of Kentucky, College of Medicine
- 2010 Gordon Hyde Surgery Teaching Award
Awarded by General Surgery Residents
University of Kentucky, Department of Surgery
- 2015 Student Appreciation Award
In recognition for outstanding contributions and support of
AHEC Summer Enrichment Program
University of Kentucky, AHEC Program
- 2016 Ward O. Griffen, MD Teaching Award
For Excellence in Medical Student Education
University of Kentucky, Department of Surgery
- 2016 Abraham Flexner Master Educator Award
University of Kentucky, College of Medicine
Master Educator in 5 Categories

- 2017 Richard Schwartz, MD Leadership in Education Award
University of Kentucky, Department of Surgery
Awarded to UK Department of Surgery faculty member in recognition
of their tireless dedication and pursuit of excellence in surgical education.
- 2017 Association for Surgical Education
Member, Academy of Clerkship Directors

PROFESSIONAL MEMBERSHIPS

American Chemical Society	1988-1993
American Medical Association	1989-1998, 2003-2007
Pennsylvania Medical Society	1990-2001
American College of Surgeons, Candidate	1994-2003
Associate	2001-2005
Fellow	2005-present
Association for Academic Surgery, Candidate	1994-2005
American Association for the Advancement of Science	1996-2001
Children's Oncology Group	2003-present
Wound Healing Society	1996-2000
American Society for Cell Biology	1998-2000
American Pediatric Surgical Association, Candidate	2003-2009
Full Member	2010-present
Association for Surgical Education	2003-2019
ASE Foundation Board of Directors, Member	2014-2019
International Pediatric Endosurgical Group	2003-2019
Kentucky Medical Association	2003-2010
Lexington Pediatric Society	2003-2018
Lexington Medical Society	2003-2019
American Academy of Pediatrics (Surgery Section)	2004-present
Eastern Association for the Surgery of Trauma	2011-2015
Pediatric Trauma Society (Founding Member)	2011-present

COMMITTEES

National Committees

2005—2018	Association for Surgical Education—Curriculum Committee
2007—2018	Association for Surgical Education—Clerkship Directors Committee
2009-2011	Vice Chair of committee
2012-2014	Chairman of Committee, Member Board of Directors
2006—2010	Association for Surgical Education—Power Point Teaching Modules Group
2006—2008	International Pediatric Endosurgical Group—Endoscopic Curriculum Committee
2008—2018	International Pediatric Endosurgical Group—Education Committee
2008—2017	American Pediatric Surgery Association—Education Committee
2012-2017	Chairman- Subcommittee on Medical Student and Resident Education
2011—2014	American Pediatric Surgery Association—Trauma Committee

2018—present	American Pediatric Surgery Association—Wellness Committee
2019—present	American Pediatric Surgery Association—Audit Committee
2020—present	American Pediatric Surgery Association—Finance Committee
2011—2019	Pediatric Trauma Society—Education Committee
2013—2020	American College of Surgeons-- Committee on Medical Student Education 2017-2019, Member, Executive Committee
2014—2016	Association for Surgical Education—ASE Foundation Board of Directors
2016—2019	American Academy of Pediatrics Section on Surgery Education Committee

Statewide Committees

2005—2014	American College of Surgeons, KY
2005—2008	Kentucky Pediatric Society—Outcomes and Reimbursements Committee
2006—2018	Kentucky State Emergency Medical Services Board
2008—2014	American College of Surgeons Kentucky Regional Committee on Trauma
2010—2018	State of Kentucky—EMS Board (appointed by Kentucky Governor)
2010—2018	State of Kentucky—EMS-C Board (appointed by Kentucky Governor)
2013—2018	State of Kentucky – Perinatal Advisory Committee (appointed by Kentucky Governor)
2009—2014	Kentucky Statewide Trauma and Emergency Medicine Symposium Planning Committee
2021—present	Ohio Injury Prevention Partnership Member, Committee on Education, Childhood trauma Member, Overdose Prevention Network, Harm Reduction Subcommittee

Akron Children’s Hospital Committee Appointments

2018—present	New Technology/New Procedure Committee
2018—present	Trauma Committee
2018—present	Graduate Medical Education Committee

University of Kentucky Hospital/University of Kentucky College of Medicine Appointments

2003—2018	Surgical Education Committee (Chairman)
2003—2018	Interdisciplinary Trauma QA Committee
2003—2017	Medical Student Interview Committee
2003—2008	Physician Advisory Committee (Center for Advanced Surgery)
2003—2004	Director, Minimally Invasive Surgery Education Curriculum
2003—2012	Associate Director, MIS Center
2004—2014	Surgical Director, KCH Pediatric Trauma Program
2004—2014	Surgical Director, KCH Neonatal and Pediatric ECMO Program
2004—2011	General Surgery Resident Council
2004—2008	Operating Room Committee (at large elected member)
2004—2018	Surgery Value Analysis Committee (formerly OR Products)
2004—2010	Minimally Invasive Surgery Group (Education Director)
2005—2008	KY Children’s Hospital Admissions and Advisory Committee
2006—2018	Physician Marketing Advisory Group, UK Healthcare
2007—2018	Department of Surgery, Surgical Education Committee, Chairman

2008—2010	UK College of Medicine Curriculum Revision Committee
2008—2013	Graduate Medical Education Compliance Subcommittee
2009—2014	Resident Compliance Committee
2010—2012	UHC Supply Change Engagement Committee
2010—2014	KCH PICU Management Committee
2010—2016	KCH Executive Committee
2011—2012	Leadership Legacy: Center for Interprofessional Healthcare Education, Research and Practice
2015—2018	UK HealthCare Endoscopy Services Committee
2014—2017	UK College of Medicine Faculty Council
2015—2018	University of Kentucky Faculty Senate --Member, Institutional Finances and Resource Committee
2016—2018	Kentucky Medical Services Foundation— --Member, Finance Committee
2017—2018	University of Kentucky College of Medicine Dean’s Productivity Advisory Group
2017—2018	University of Kentucky College of Medicine Conflict of Interest Committee
2018—2018	University of Kentucky College of Medicine--COMMITTS: Clinical Care Pillar

St. Christopher’s Hospital

2001-2003	Graduate Fellowship Committee
2001-2003	Pharmacy and Therapeutics Committee

Hershey Medical Center

1996	Adverse Drug Reaction/Medical Error Committee Member
1995-1996	Penn State University Hospital, Resident Accreditation Self Evaluation Committee
1995-1998	Hershey Medical Center Residents’ Association Department of Surgery Representative
1996-1998	President, Hershey Medical Center Residents’ Association
1996-1998	Computer Information Services, Direct Care Services Lab Results Reporting Committee
1996-1998	Graduate Medical Education Committee, Resident Representative
1997-1998	Residency Directors Committee Resident Representative
1996-1998	Penn State College of Medicine Alumni Board Resident Representative

CLINICAL VOLUNTEER EXPERIENCE:

Local Experience

2005-2019 Surgery on Sunday

Founded in 2005, Surgery on Sunday is a non-profit group that provides free preoperative evaluation, post-operative care as well as free outpatient surgery for those who cannot otherwise afford care. Participate as pediatric surgery consultant and surgeon when needed and participate in fundraising for group. (www.surgeryonsunday.org)

International Experience

2016, 2018	Pediatric Surgery Mission trip to Tenwek Hospital	Bomet, Kenya
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Working through Samaritan's Purse, traveled to Tenwek hospital as part of a visiting surgical team to provide additional adult and pediatric general surgery coverage. Each trip lasted 2 weeks and included delivery of needed materials to hospital, and providing coverage for adult and pediatric surgery at the hospital while there. Also actively participated in residency education while there. After trips, continued to maintain contact with group there to help provide support and plan next trip to area.

OTHER SIGNIFICANT SCHOLARLY, RESEARCH, OR ADMINISTRATIVE EXPERIENCE:

Professional Development Courses and Seminars

American College of Surgeons Surgery Leadership Course

Chicago, March 2005

Chosen by application to participate in 3-day seminar on improving corporate leadership skills in surgeons. Course organized by Sanjit Sachdeva, MD. and Wiley Souba, MD.

Professional Medical Faculty Fundraising ---Advancement Resources, LLC

Lexington, March 2007

One-day seminar on improving skills for medical professionals with development and fundraising.

Association for Surgery Education—Course on Statistics and Research Design

Chicago, March 2008

Weekend course on Surgery Education Research project design and implementation and review of statistical methods in education research.

Association for Surgery Education—Course for New Clerkship Directors

Toronto, May, 2008

One day course for new surgery clerkship directors on clerkship guidelines with new ACGME mandates and designing ED-2 requirements.

Association for Surgery Education—Surgery Education Research Fellowship

2008-2012

Fellowship in surgery education research—2 year classroom commitment (held at national education meetings 3x per year), completion of project on surgery education, presentation at national meeting, and peer reviewed publication in education journal.

Software Development

Iocono, JA and Cash BA: (1998, 1999) Hershey Medical Center Surgical Patient Care Database., Fully customized patient care database designed in MS Access, used by all surgical services at HMC for patient care tracking and daily billing. Features include drop-down menus for customized attending, room and service options, list printed in "walking order" of hospital, and multiple pc access to same database via secure department network links.

Process Improvements in Clinical Practice

Iocono, JA, Cooney, RA, and Smith, JS (1994, 1998) The Penn State Trauma History and Physical Flow Sheet, A Medical Record form that replaced the History and Physical Form for trauma patients at Hershey Medical Center. Layout adapted from recommended ATLS evaluation of trauma patient.

Pulito, AR, Beals, DA and Iocono, JA (2004) Pediatric Surgery Phone follow-up system. Developed and implemented process to eliminate post-operative office visits for routine pediatric surgery operations by replacing them with a phone follow-up and data collection system.

Philanthropic Practices for Medical Professionals Workshop
University of Kentucky, Hilary J. Boone Center

February 6, 2009

COMMUNITY SERVICE ACTIVITIES:

Northeast Ohio Parent Magazine

2021-present

Periodic Guest Columnist on Surgical Issues in Children

Articles: Lumps and bumps in pediatrics, Summer Safety, Pediatric surgery specialists

Lexington Family Magazine

2005-2009

Periodic Guest Columnist on Surgical Issues in Children

Topics include Pyloric Stenosis, Laparoscopy in Children, Seatbelt Safety, What is a Pediatric Specialist?., Helmet Safety for Children, Traveling for the Holidays, safety tips for your child, ATVs and Children.

The Makenna Foundation

Member, Board of Directors

October 2004—2018

--The Makenna Foundation is a local Lexington organization dedicated to fundraising projects for the Kentucky Children's Hospital. Group has raised money and awareness in the Lexington community in order to support issues related to Kentucky Children's Hospital.

Lexington Evening of Champions Derby Eve Ball

Member, Board of Directors

October 2006—2011

--Comprised of a group of citizens from Lexington, role of board is to organize, host and present black tie gala in downtown Lexington that raises money for Kentucky Children's Hospital. Selected as a representative for both Kentucky Children's Hospital and the Makenna Foundation Board, duties include meeting with potential sponsors, approving budget, and working at the event.

March of Dimes, Bluegrass Division

Member, Board of Directors

March 2006—2008

--Duties include attending board meetings, speaking at local events, and organizing annual March of Dimes Walk in Lexington.

Campaign Chair, Lexington March of Dimes Walk

2007, 2008

Signature Chef, March of Dimes Signature Chefs Dinner and Auction

2011-2014, 2017

--Official UK Healthcare chef for event, cooked for 300 guests

Event Chair, March of Dimes Signature Chefs Dinner and Auction

2016

Surgery on Sunday, Lexington

2007 - 2018

Consultant and Pediatric Surgeon

Surgery on Sunday is a nonprofit organization that provides essential outpatient procedures at no cost to the uninsured, and uninsured that are not eligible for state or federal assistance.

Fayette County Public Schools

EBCE- Academic Internship Program Mentor

October 2009—2017

UNIVERSITY SERVICE:

Faculty Mentor, Leadership Legacy: Center for Interprofessional HealthCare Education,
Research & Practice January 2011 – 2014

JOURNAL REVIEWER:

Biomacromolecules, 2004
Contemporary Surgery, 2006
Journal of Laparoscopic and Endoscopic Surgery, 2010 - Present
Journal of Surgery, 2017-present
Journal of Pediatric Surgery, 2009-present

CONSULTANT TO INDUSTRY:

Immersion Medical, Content editor for Laparoscopic training modules	Gaithersberg, MD 2005-2008
Autosuture, Inc, Consultant for pediatric surgical product development	Norwalk, CT 2005-2009
Stryker, Inc, Consultant on pediatric surgical product development committee	East Lansing, MI 2005-2012
CAE, Inc Consultant on CAESAR project, trauma scenario simulator	Montreal, Ontario 2010-2011

**RESEARCH SUPPORT:
COMPLETED**

Avalon Laboratories/Maquet
Evaluation of Modified Pediatric Bicaval Catheter for ECMO in Newborns
Principal Investigator: J. Zwischenberger
Role on Project: Co-Investigator
\$15,000 (TC) October 2011 – March 2012

Autosuture Incorporated
Minimally Invasive Surgery Fellowship Grant
University of Kentucky Department of Surgery and MIS Center
\$150,000 (TC) July 2007-2009

Children's Miracle Network
Nissen Fundoplication in Extremely Premature Neonates: A Comparative study
Kentucky Children's Hospital
Co-Investigator (Desai, Shashidar, Iocono)
\$8,500 (TC), July 2007-08

Children's Miracle Network
Teaching Laparoscopic Pyloromyotomy using a Low Fidelity Model
Kentucky Children's Hospital
Principal Investigator
\$10,000 (TC), July 2007-08

Joseph A. Iacono, M.D.

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Stryker Incorporated
Development of MIS Education Curriculum
University of Kentucky MIS Center
\$20,000 (TC) 2004-2006

NIH National Research Fellowship Award
at The Pennsylvania State University
“Wound Contraction-Role of Myosin Light Chains”
\$ 28,600. (TC) October, 1995 – June, 1996
\$ 29,900. (TC) July, 1996 – June 1997
\$ 31,050. (TC) July, 1997 – June 1998

4 Diamonds Foundation
Principal Investigator
Mentored Investigator Award
“Role of Hyaluronic Acid In Wilm’s Tumor”
\$ 5,000. (TC) 1997-98

Genzyme, Inc.
Principal Investigator
Corporate Grants
“The Safe Use of Seprafilm® in Neonatal Rats”
\$ 5,250. (TC) 1997

“Efficacy of Seprafilm® and Seprafilm® II in Neonatal Rat Adhesion Model”
\$ 7,500. (TC) 1998

“Effects of Seprafilm® and Seprafilm® II on Dermal Healing in Rat Model”
\$ 5,000 (TC) 1998-99

Dermasciences, Inc.
Co-Investigator
Corporate Grant
“Effect of Zinc-based dressings on Wound Healing”
\$ 56,000. (TC) 1996-97, 1997-98 (2 grants)

Childrens Miracle Network
Co-Investigator
Basic Science Research Grant
“Gap Juntional Communications in Wound Healing”
\$ 10,000. (TC) 1997-98

Childrens Miracle Network
Co-Investigator
Clinical Project Grant, “Open ARMS Network”
\$ 3,220. (TC) 1996-97, 1997-98

Department of Surgery
Milton S. Hershey Medical Center
Surgery Feasibility Grants
“Hyaluronic Acid and Wound Healing”
\$ 28,000. (TC) 1995-98 (3 grants)

American Chemical Society- James Flack
Norris Undergraduate Research Fellowship
Boston College, 1988
\$ 2,000.

GRANTS PENDING:

None

BIBLIOGRAPHY

I ABSTRACTS, BOOK REVIEWS, AND PAPER DISCUSSIONS:

ABSTRACTS PRESENTED

1. Iocono, JA and McLaughlin, LW: DNA Replication in the Presence of Mutagenic Sites. The Nucleus Vol. 4(2): 7-10 1989. Abstract presented at the 1989 American Chemical Society New England Undergraduate Research Forum, Boston April 1989.
2. Gibson, E., Iocono, JA, Spitzer, S., and Spitzer, AR: SIDS in Philadelphia, 1987-89; Analysis of Risk and Plan of Action. Pediatric Pulmonology Vol. 9, No. 4: 273, 1990.
3. Iocono, JA, Ehrlich, HP, Garner, WL, Colleran, K. and Krummel, TM: Interleukin-8 Inhibits Human Fibroblast Collagen Lattice Contraction. Abstract presented at the 1996 Society for University Surgeons Residents' Conference, Washington, D.C. Feb 10, 1996.
4. Iocono, JA, Ehrlich, HP, Garner, WL, Colleran, K. and Krummel, TM: Interleukin-8 Inhibits Human Fibroblast Collagen Lattice Contraction, Abstract presented at the 2nd Joint Meeting of The Wound Healing Society and The European Tissue Repair Society, Boston, MA, May 15-19, 1996, Wound Repair and Regeneration 4(1):A158.
5. Iocono, JA, Keefer, KA, Ehrlich, HP and Krummel, TM: Altering the Glycosaminoglycan Contents of Wound Implants Modulates Granulation Tissue, Abstract presented at the 2nd Joint Meeting of The Wound Healing Society and The European Tissue Repair Society, Boston, MA, May 15-19, 1996. Wound Repair and Regeneration 4(1): A158.
6. Iocono, JA, Keefer, KA, Ehrlich, HP and Krummel, TM: Repeated Additions of Hyaluronic Acid Induces Fetal-Like Extracellular Matrix in Adult Wounds, Abstract presented at the 1996 Annual Meeting of the Central Pennsylvania Chapter of The American College of Surgeons, Hershey, PA April 12, 1996.
7. Cooney, R.N., Iocono, JA, Maish, G., Ehrlich, HP, Cohen, A. and Smith, JS. Tumor Necrosis Factor Mediates Impaired Wound Healing in Chronic Abdominal Sepsis. Abstract presented at The American Association for the Surgery of Trauma 56th Annual Meeting, Houston, TX, September 1996. (presented by Dr. Cooney)
8. Iocono, JA, Ehrlich, HP, Allison, GM, Keefer, KA and Krummel, TM. Hyaluronan (HA) Alters the Appearance of CD44 Isoforms in Granulation Tissue. Implications for Scarless Repair, Abstract presented at 1996 American College of Surgeons Annual Meeting, San Francisco, CA, October 1996.

9. Iocono, JA, Ehrlich, HP, Allison, GM, and Krummel, TM. Hyaluronic Acid Decreases Fetal Fibroblast Expression of alpha-Smooth Muscle Actin. Implications in Fetal Repair, Abstract presented at 1996 American Academy of Pediatrics Section on Surgery, Boston, MA, October 1996. (POSTER)
10. Iocono, JA, Ehrlich, HP, Keefer, KA, and Krummel, TM. Hyaluronic Acid and Fetal Fibroblast/Collagen Interaction. Implications in Fetal Repair, Abstract presented at The Association for Academic Surgery 30th Annual Meeting, Chicago, IL November 1996. (POSTER)
11. Ehrlich, HP, Greco, R.M., Allison, GM, Iocono, JA, Krummel, TM. Hyaluronate Increases Proliferation and Tubulin Content in Human Fibroblasts Suspended in Collagen, Abstract presented at the 36th Annual Society for Cell Biology Annual Meeting. San Francisco, December 1996. (POSTER)
12. Shields, JH, Iocono, JA Greecher, CP, Krummel, TM, Dillon, PW, and Cilley, RE. Open ARMS; A Multidisciplinary Approach to Treating Children with Ano-rectal Malformations. Abstract presented at the American Pediatric Nurses' Association Annual Meeting, April 1997 (POSTER, presented by Ms. Shields)
13. Iocono, JA, Ehrlich, HP, Keefer, KA, and Krummel, TM. Hyaluronan Induces Scarless Repair in Mouse Limb Organ Culture. Abstract presented at the American Pediatric Surgical Association Annual Meeting, Naples, FL May 1997. (POSTER)
14. Keefer, KA, Iocono, JA, Enfiejian, HL, Clark, MG, and Ehrlich, HP. Zinc-Containing Wound Dressings Enhance Mechanical Debridement of Dermal Wounds. Abstract presented at the Wound Healing Society 7th Annual Meeting, Nashville, TN, June 12-14, 1997.
15. Iocono, JA, Ehrlich, HP, Allison, GM, and Krummel, TM. Hyaluronic Acid Degradation Increases Expression of RHAMM Receptor in Fibroblasts. Implications in Repair. Abstract presented at Association of Academic Surgery, Dallas, TX, November 1997.
16. Iocono, JA, Krummel, TM, Bisignanni, GJ and Ehrlich, HP. Inhibition of Differentiation of Fetal Mouse Heart Cells by Hyaluronic Acid. Abstract presented at the Association of Academic Surgery Annual Meeting, Dallas, TX, November 1997.
17. Ghazartian, A., Iocono, JA, Garner, WL and Ehrlich HP. Memory of Past Exposure to the Inflammatory Cytokine IL-8 Alters Fibroblast Wound Healing Function. Abstract presented at the Annual American Burn Association Meeting, Chicago, IL, March 1998.
18. Iocono, JA, Ehrlich, HP, Allison, GM, Keefer, KA, and Krummel, TM. Gestational Effects of Hyaluronic Acid (HA) Receptor Expression. Implications in Repair. Abstract presented at the Wound Healing Society Annual Meeting, Salt Lake City, UT, June 1998.
19. Iocono, JA, Keefer, KA, Ehrlich, HP. A Zinc-based Dressing Enhances Grafting in Rats Compared to Xeroform and Petrolatum Dressings Presented at the Wound Healing Society Annual Meeting, Salt Lake City, UT, June 1998. (POSTER)
20. Iocono, JA., Cilley, RE, Mauer, DT, Krummel, TM, and Dillon, PW. Post-Natal Pulmonary Hypertension after Congenital Diaphragmatic Hernia Repair. Predicting Risk and Outcome. Abstract presented at the British Association of Pediatric Surgeons Meeting, Edinburgh, Scotland, July 1998. (Presented by Dr. Dillon).
21. Iocono, JA, Ehrlich, HP, Garlick, D.S., Dethlefsen, S.M., and Skrabut, EM. Safety and Efficacy of Seprafilm[®] and Seprafilm[®] II Anti-adhesion barriers in Neonatal Rats. Abstract presented at the American Academy of Pediatrics—Section on Surgery San Francisco CA, October 1998. (POSTER)
22. Iocono, JA, Bass, TL, Cooney, RN, Cilley, RC, Mucha, P, and Smith, JS. The Penn State Trauma History and Physical Flow sheet: An Indispensable Tool in the Evaluation of the Class I Trauma

- Patient. Abstract presented at the American College of Surgeons Annual Clinical Congress, Scientific Exhibits Orlando, FL October 1998. (POSTER)
23. Iocono, JA, Bowman, NN, Ehrlich, HP, and Krummel, TM. Metastatic Wilm's Tumor Cells Show Increased CD44 Expression Independent of Hyaluronic Acid Concentration. Abstract presented at the Association for Academic Surgery Annual Meeting, Seattle, WA, November 1998.
 24. Iocono, JA, Ehrlich, HP, Allison, GM, and Krummel, TM. Hyaluronidase Increases the Expression of RHAMM Receptor in Granulation Tissue: Implications in Repair Abstract presented at the 49th Surgical Forum, American College of Surgeons Clinical Congress, Orlando, FL October 1998.
 26. Iocono, JA, Cilley, RE, Mauger, DT, Krummel, TM, and Dillon, PW. Clinical Implications of Persistent Pulmonary Hypertension in CDH Survivors. Presented at annual Extracorporeal Life Support Organization, San Antonio, TX, September 1998
 27. Burgess, L., Iocono, JA, Garlick, DV, Finneral, A, Ehrlich, HP and Skrabut, E. An Evaluation of the Effect on Wound Healing of a Hyaluronate/Carboxymethylcellulose Membrane. Presented at the 3rd International Wound Healing Congress, Bordeaux, France, August 1999. (Presented by Dr. Skrabut)
 28. Iocono, JA, Hoskins, J., and Pulito, AR. The Use of a Low Fidelity Model to teach Laparoscopic Pyloric Stenosis. Presented at the Association for Surgical Education, New York, NY, March 2005.
 29. Noe, SD, Hoskins, J and Iocono, JA Laparoscopic repair of Incarcerated Small bowel Hernia caused by Meckel's Diverticulum (Video Presentation). Presented at International Pediatric Endosurgical Group National Meeting, Dallas, TX, April 2006.
 30. McKenzie, S, Beals, DA, Pulito, AR and Iocono, JA, Eliminating Complications in Laparoscopic Pyloromyotomy. Presented at International Pediatric Endosurgical Group National Meeting, Dallas, TX, April 2006.
 31. Dhillon S, Kriss VM, Iocono JA. Zebras in the neonatal abdomen: a presentation of unusual neonatal abdominal masses. Southern Society for Pediatric Radiology. Chaikidiki, Greece. July 2006.
 32. Gagliardi, RJ., Li, Ji-Hui, Iocono, JA, Hoskins, JD, and Witzke, D Real Time Use of Computerized Volumetric Analysis System (CVAS) During a Live MIS Procedure at the University of Kentucky Presented at The Society of American Gastrointestinal and Endoscopic Surgeons National Meeting, Dallas, TX, April 2006. (POSTER)
 33. Donnelly, MB, Witzke, D, Hoskins, JD, Iocono, JA, and Gagliardi, RJ Uncertainty In Assessing the Competence of Residents' Performance on Three Laparoscopic Simulations, Presented at The Society of American Gastrointestinal and Endoscopic Surgeons National Meeting, Dallas, TX, April 2006. (POSTER)
 34. Dhillom, S, Iocono, JA and Kriss, V, Ultrasonic Imaging of Newborn Solid Tumors: Diagnosis without CT or MRI, Radiologic and Operative Findings, presented at the International Pediatric Radiology Association Meeting, Greece, April 2007 (Presented by Dr Dhillom)
 35. Dhillon S, Kriss VM, Iocono JA. Say no to CT in the neonatal belly: using US and MR to evaluate unusual neonatal abdominal masses. Scientific Exhibit: Society for Pediatric Radiology, Miami Florida, Apr 2007. (POSTER)
 36. MA, Donnelly Plymale., MB, Iocono, J, Pulito, A. Variation in Faculty Evaluations of Clerkship Students Attributable to Surgical Service, Presented at the Annual Meeting of the Association for Surgical Education, Toronto, Canada, April 18, 2008.

37. Pulito, A, Donnelly, MB, Plymale, MA, Iocono, J. Does a Change of Evaluation Form Alter Faculty Evaluations of Students? Presented at the Annual Meeting of the Association for Surgical Education, Toronto, Canada, April 18, 2008.
38. Plaxico, JS, Kriss, VM, and Iocono, JA Pediatric Diaphragmatic Abnormalities; Use of Multi-modal Radiographic Modalities in their Work-up. Presented at the European Society of Pediatric Radiology, Edinburgh Scotland, June 2008 (presented by Dr Plaxico).
39. Kapoor, S, Shashidar, H, Iocono, JA and Desai, NS Nissen Fundoplication: A Comparative Study in Extremely Low Birth Weight and Term Infants. Presented at the Society for Pediatric Research, Honolulu, HI, May 2008 (Presented by Dr Kapoor)
40. Iocono, JA. Inexpensive Model to Teach and Practice Simple Knot-tying and Suturing. Presented at the Annual Meeting of the Association for Surgical Education, Toronto, Canada, April 19, 2008.
41. Reddy A and Iocono, JA Acquired Tracheoesophageal Fistula in Infancy. Presented at The Kentucky Anesthesia Association Meeting, June, 2008 (Presented by Dr Reddy)
42. McDonald M, Karabakhtsian, R, Iocono, JA, Ueland F. Small Cell Carcinoma of the Ovary, Hypercalcemic Type: Is it Inheritable? Presented at The University of Kentucky Markey Cancer Research Day, October 2008, (Presented by Dr. Karabakhtsian)
43. Plymale, M, Pulito, AR, Donnelly, MB and Iocono, JA Does A Pretest Predict Final Performance in a Surgery Clerkship? Presented at The Annual Meeting of the Southern Group for Educational Affairs, New Orleans, LA, March 2009
44. Cole, KL, Skinner, SC, Pulito, AR, and Iocono, JA Mucous Fistula Re-feeding in Neonates with Enterostomies Presented at the Annual Meeting of the society for Surgical Physician Assistants, 2009. (Presented by Ms. Cole)
45. Ruzic, A., Iocono, JA, Hoskins, J, Plymale, M and Davenport, D Face and Content Validities of a Low Fidelity Laparoscopic Pyloromyotomy Simulation. Abstract presented at the American Pediatric Surgical Association Annual Meeting, Puerto Rico, June 2009. (Presented by Dr. Ruzic)
46. Iocono, JA, Hoskins, J, Plymale, M and Davenport, D. A Middle Fidelity Model is Effective in Teaching and Retaining Skill Set Needed to Perform a Laparoscopic Pyloromyotomy, Presented at the Annual Meeting of the International Pediatric Endosurgical Group, Phoenix, 2009
47. Skinner, S, Iocono, JA, Ballert, H, Turner, D, Davenport, D and Zwischenberger, J. ECMO for Sepsis, does VA or VV make a difference? Presented at the Keystone ELSO Conference, Keystone, CO 2010
48. Wright T, Iocono J, French J. Utilizing course management system data: What can we discover from e-learning strategies? *The Generalist in Medical Education*, Denver, CO. 2011.

II. MANUSCRIPTS:

JOURNAL PUBLICATIONS

1. Iocono JA, Gildea B, McLaughlin LW. (1990) Mild Hydrolysis of 2-Pyrimidinone-containing DNA Fragments Generate Apurinic/Apyrimidinic Sites. *Tetrahedron Letters* Vol. 31, No. 2. 175-178.
2. Iocono JA, Ehrlich HP, Allison GM, Keefer KA, Krummel TM. (1996) Hyaluronan (HA) alters the appearance of CD44 isoforms in granulation tissue. implications for scarless repair. *Surgical Forum*, Vol. 47, pp.341-344.

3. Cooney RN, Iocono JA, Maish G, Cohen A, Smith JS, Ehrlich HP (1997) Tumor necrosis factor mediates impaired wound healing in chronic abdominal sepsis *J Trauma* 42(3) 415-420.
4. Garner WL, Remick D, Iocono J, Ehrlich P. (1997) TNF[alpha] Concentration in chronic wounds and its effect on wound healing. *J Invest Derm* 108(4):638.
5. Iocono JA, Ehrlich HP, Keefer KA, Krummel TM. (1998) Hyaluronan induces scarless repair in mouse limb organ culture. *J Pediatr Surg* 33(4), 564-567.
6. Keefer KA, Iocono JA, Ehrlich HP. (1998) Zinc-containing wound dressings encourage autolytic debridement of dermal burns. *Wounds* 10(2), 54-58.
7. Iocono JA, Bisignanni GJ, Krummel TM, Ehrlich HP (1998) Inhibition of differentiation of fetal mouse heart cells into fibroblasts by hyaluronic acid. *J Surg Res* 76, 111-116
8. Iocono JA, Ehrlich HP, Allison GM, Krummel TM. (1998) Hyaluronidase increases the expression of RHAMM receptor in granulation tissue: implications in repair. *Surgical Forum*, 49, 655-656.
9. Iocono JA, Keefer KA, Allison GM, Krummel TM, Ehrlich HP. (1998) Repeated additions of hyaluronan alters the granulation tissue deposition in sponge implants in mice. *Wound Rep Reg* 6;442-448..
10. Greco RM, Iocono JA, Ehrlich HP. (1998) Hyaluronic acid stimulates human fibroblast proliferation within a collagen matrix. *J Cell Physiol* 177; 465-473.
11. Iocono JA., Cilley RE, Mauger DT, Krummel TM, Dillon PW. (1999) Post-natal pulmonary hypertension after congenital diaphragmatic hernia repair. predicting risk and outcome. *J Pediatr Surg* 34(2); 349-353
12. Iocono JA, Colleran KR, Remick DG, Gillespie BW, Ehrlich HP, Garner WL. (2000) Interleukin-8 levels and activity in delayed-healing human thermal wounds. *Wound Repair Regeneration* 8(3):216-25.
13. Piatt JH and Iocono, JA. A late result of an early operation for unilateral coronal synostosis *Pediatr Neurosurg* 2003 Jun; 38(6): 334-7.
14. deChadarevian JP, Pascasio JM, Halligan GE, Katz DA, Iocono JA, Kimmel SP, Katsetos CD. Malignant peripheral nerve sheath tumor arising from an adrenal ganglioneuroma in a 6-year-old boy. *Pediatr Devel Path* 2004 Dec; 7: 277-284.
15. Iocono JA, Keefer KA, Ehrlich HP. A zinc-based dressing enhances grafting in rats compared to Xeroform and petrolatum dressings. *J Burn Care & Rehabilitation* 2005.
16. Li JH, Zheng CZ, Gagliardi RJ, Iocono JA, Hua JD. Review of the changes of laparoscopic surgery education in China in the last fifteen years. *Journal of Laparoscopic Surgery* 2006; 11(4): 355-356.
17. Rasner JN, Parrott K, Tekulve R, Leavell JK, Iocono J. Management of abdominal compartment syndrome in a very low birth weight neonate using Penrose drains and subsequent management of abdominal-wall defects. *J Laparoendosc Adv Surg Tech* 2008 Aug;18(4):657-60
18. Kiessling SG, Wadhwa N, Kriss VM, Iocono JA. Desai NS. An unusual case of severe therapy-resistant hypertension in a newborn. *Pediatrics* 2007 Jan; 119(1):e301-4.
19. Reddy A, Iocono JA, Brown RE. Acquired tracheoesophageal fistula in infancy: Communication is key to successful outcome . *Internet J Anesthesiol* 2009; 19(1).
20. Ballard HO, Shook LA, Iocono J, Bernard P, Hayes D Jr. Parents' understanding and recall of informed consent information for neonatal research. *IRB*. 2011 May-Jun; 33(3):12-19.
21. Ballard HO, Shook LA, Iocono JA, Turner D, Marino S, Bernard PA. Novel animal model for teaching chest tube placement. *J Kentucky Med Assoc* Feb. 12, 2009
22. Hayes Jr D, Kriss VM, Iocono JA, Dixon BJ, Collins PB, Ballard HO. Varicose bronchiectasis and bronchopulmonary dysplasia. *Respiratory Care* 2009 Nov;54(11):1493-5

23. Hayes Jr D, Iocono JA, Bennett JS, Lachman DC, Ballard HO. Epistaxis due to Wegener's granulomatosis in a pediatric patient. *Am J Otolaryn* 2010 Sep-Oct; 31(5):368-371.
24. Plymale M, Ruzic A, Hoskins J, French J, Skinner SC, Yuhas M, Davenport D, Iocono JA. A middle fidelity model is effective in teaching and retaining skill set needed to perform a laparoscopic pyloromyotomy. *J Laparoendosc Adv Surg Tech A*. 2010 Jul-Aug; 20(6):569-73.
25. Plymale MA, French J, Donnelly MB, Iocono J, Pulito AR, Variation in faculty evaluations of clerkship students attributable to surgical service. *J Surg Educ*. 2010 May-Jun; 67(3):179-83.
26. Pieretti-Vanmarcke R, Velmahos GC, Nance ML, Iocono JA,...et al. Clinical clearance of the cervical spine in blunt trauma patients younger than 3 years: a multi-center study of the American association for the surgery of trauma. *J Trauma*. 2009 Sep; 67(3):543-9
27. McDonald JM, Karabakhtsian RG, Pierce HH, Iocono JA, DeSimone CP, Bayliff SH, Ueland FR. Small cell carcinoma of the ovary of the hypercalcemic Type: A Case Report. *J Ped Surg*. 2012 Mar; 47(3):588-592.
28. Skinner SC, Iocono JA, Ballard HO, Turner MD, Ward AN, Davenport DL, Paden ML, Zwischenberger JB. Improved survival in venovenous vs venoarterial extracorporeal membrane Oxygenation for pediatric noncardiac sepsis patients: A study of the Extracorporeal Life Support Organization registry. *J Ped Surg*. Jan 2012; 47(1); 63-67.
29. Smiley K, Wright T, Skinner S, Iocono JA, Draus JM. Primary closure without diversion in management of operative blunt duodenal trauma in children. *ISRN Pediatr* 2012; 2012:298753. PMID: 23213560
30. French JC, Bickett MM, Iocono JA. Sifting through course evaluations: medical student comments driving surgery curriculum changes. *J Surg Educ*. 2013 May-Jun;70(3):368-72
31. Smiley K, O'Keefe S, Rasner JN, Iocono JA. Thoracoscopic resection of an intrathoracic accessory liver lobe: An incidental finding in the workup of a child with a respiratory infection. *J Pediatr Surg*. 2013 Jul;48(7):1618-20
32. Nance ML, Krummel TM, Oldham KT; Trauma Committee of American Pediatric Surgical Association. Firearm injuries and children: a policy statement of the American Pediatric Surgical Association. *J Am Coll Surg* 2013 Nov; 217 (5) 940-946.
33. Stokes, S, Iocono, J, Brown, S, Draus, JM. Intussusception clinical pathway: a survey of pediatric surgery practices. *Am Surg*. 2014 Sep; 80;846-848.
34. Stokes S, Iocono J, Draus JM. Peritoneal drainage as the initial management of intestinal perforation in premature infants. *Am Surg*.2014 Sep; 80.851-854.
35. Ward A, Iocono JA, Brown S, Ashley P, Draus JM Jr. Non accidental trauma injury patterns and outcomes: a single institutional experience. *Am Surg* 2015 Sep; 81(9):835-838.
36. Bender MT, Ward AN, Iocono JA, Saha SP. Current surgical management of empyema thoracis in children: a single-center experience. *Am Surg* 2015 Sep; 81(9):849-853.

BOOKS AND BOOK CHAPTERS:

1. Iocono, JA and Ehrlich, H.P, "The Biology of Healing" in Leaper, D.J., and Harding, K.G. eds. Wounds: Biology and Management, Oxford University Press, 1998.
2. Iocono, JA and Krummel, TM "Surgical Infectious Disease" in Ashcraft, et al Pediatric Surgery, third edition. W.B Saunders, 1999.

3. Iocono JA and Krummel TM, “The role of hyaluronan in fetal repair: a review”. In: Abatangelo G, Weigel P.H., (ed) New Frontiers in Medical Sciences: Redefining Hyaluronan. Amsterdam: Elsevier Science B.V, 2000.
4. Iocono, JA, “Umbilical Hernia” In: Greenberg et al, (Ed). Text-Atlas of Emergency Medicine Lippincott, Williams and Wilkins 2005
5. Iocono, JA, “Pyloric Stenosis” In: Greenberg et al, (Ed). Text-Atlas of Emergency Medicine Lippincott, Williams and Wilkins 2005
6. Iocono, JA, Pulito, AR and Cole, K “Surgical Diseases of the Newborn” In: Gommella, T et al, (Ed) Neonatology, 6th edition, McGraw-Hill, 2008
7. Perry, J, Hoskins, J and Iocono, JA “Pectus Excavatum; Minimally Invasive Nuss Repair” in Zwischenberger, J Atlas of Thoracic Procedures, 1st edition, Elsevier, 2010
8. Hoskins, J, Iocono, JA and Roth JS, A Cost Efficient MIS Skills Curriculum in Saltzman, PD, ed. Best Practices in Surgical Education: Innovations in skills training. Ethicon EndoSurgery, 2010.
9. Multiple authors, American Pediatric Surgery Association, *Not a Textbook*, Student and resident resource, on line editor for 20 chapters, https://www.pedsurglibrary.com/apsa/index/Pediatric-Surgery-NaT/Resident_and_Student_Handbook

INTERNET-BASED PEER REVIEWED EDUCATION MATERIALS

1. Association for Surgical Education Peer Reviewed PowerPoint Teaching Modules 2010-2012
Internet based medical student Teaching case data bank developed by the curriculum committee for the Association for Surgical Education. Participated as both author and editor for modules.
<http://www.surgicaleducation.com/mc/page.do?sitePageId=62550&orgId=ase>
2. American Pediatric Surgical Association 2012 - 2016
Standardized Toolbox of Education for Pediatric Surgery (STEPS) Teaching Resource
PowerPoint web-based teaching tools are a resource for faculty and senior residents to use for teaching medical students and junior residents.
<http://www.eapsa.org/residents-fellows/surgical-curriculum/steps-toolbox/>
3. American Pediatric Surgical Association 2015-2017
Not a Textbook Project, Resident and Student Manual Editor
Web based national Pediatric surgery clinical manual designed for residents and students on pediatric surgery. Participated as both author and editor for chapters. Editor--20 chapters, Author--2 chapters.
https://www.pedsurglibrary.com/apsa/index/Pediatric-Surgery-NaT/Resident_and_Student_Handbook
4. SCORE Curriculum—Online teaching materials
Little, D and Iocono, JA Learning objectives Module for Hypertrophic Pyloric Stenosis, 2010, 2018

OTHER NATIONAL EDUCATIONAL PRESENTATIONS (INVITED)

1. American College of Surgeons 2012-2020
Medical Student Program at yearly Clinical Congress,
As a member of the ACS Committee on Medical Student Education, presented at least one lecture, was resource faculty for small groups, referred poster sessions and moderated other sessions as part of the 3 day medical student curriculum.
2. American College of Surgeons 2016
Education Workshop at 2016 Clinical Congress, Chicago, IL
Mythbusters—De-mystifying the surgery clerkship for Millennials, Sponsored by the ACS Committee on Medical Student Education
90-minute workshop at the ACS Clinical Congress, Moderator and Speaker for workshop
3. Association for Surgery Education 2018
Education Workshop at 2018 Surgery Education Week, Austin, TX
Online Resources for Teaching Surgery to Medical Students,
90-minute workshop at Association for Surgery Education, Moderator and Speaker for workshop

University of Kentucky – General Surgery Minimally Invasive Resident Surgery Curriculum

Hoskins, J, Plymale, M and Iocono, JA

Four year curriculum, starting the first day of internship, that outlines basic and advanced skills sets and knowledge base in minimally invasive surgery for general surgery residents. Designed to start with basic skills, internet based didactics and testing are coupled with dry lab practice of surgical skills. Procedural knowledge is supplemented by DVD library of edited narrated teaching cases (see below) that cover general, pediatric, thoracic and urologic minimally invasive procedures. Curriculum website is password protected and available to our residents. http://www.mc.uky.edu/mis/MIS_Page/MISCur2004.asp

University of Kentucky – General Surgery Clinical Clerkship in General Surgery Curriculum

Kates, M Plymale, M and Iocono, JA

Extensive re-organization and rewriting of curriculum, requirements, goals and objectives of curriculum. LCME-ED2 requirements, evaluations from the students and faculty and changes in the timing of the clerkship required extensive changes to be made in the clerkship in 2007 and again in 2008. Broad changes in grading scales, on-line availability of lectures and required workshops, and test upgrades were included. Additional meeting times with students throughout the clerkship also was added.

University of Kentucky-Minimally Invasive Surgical Center

Narrated Teaching Cases in Pediatric Surgery-Authored and Edited Cases for DVD Library

Laparoscopic Pyloromyotomy

Laparoscopic Nissen Fundoplication

Laparoscopic Ovarian cystectomy

Laparoscopic Appendectomy

Laparoscopic Ovarian Mass Removal

Laparoscopic Right Hemi-colectomy

Laparoscopic Reduction of Internal hernia and removal of Meckel's Diverticulum

Thoracoscopic Decortication of Empyema

Thoracoscopic Lung Biopsy

Thoracoscopic Removal of Ectopic Liver Lobe

Open Posterior Sagittal Ano-Rectoplasty

PRESENTATIONS: NATIONAL

Interleukin-8 Inhibits Human Fibroblast Collagen Lattice Contraction, 38th Annual Society for University Surgeons Residents Conference, Uniformed Services Univ. of the Health Sciences, Washington, D.C., February 10, 1996

Use of a Multidose Model of Glycosaminoglycan Administration Alters Granulation Tissue in Mice, 2nd International Joint Meeting of the Wound, Healing Society & the European Tissue Repair Soc., Boston, MA, May 16, 1996

Interleukin-8 Inhibits Collagen Organization in Fibroblast-Populated Collagen Lattice Contraction, 2nd International Joint Meeting of the Wound, Healing Society & the European Tissue Repair Soc., Boston, MA, May 16, 1996

Hyaluronan (HA) Alters the Appearance of CD44 Isoforms in Granulation Tissue: Implications for Scarless Repair, 47th Annual Wagensteen Surgical Forum, American College of Surgeons Annual Meeting, San Francisco, CA, October 7, 1996

The Effect of Hyaluronan on Adult Murine Healing, 17th Annual Pediatric Surgical Residents' Conference, St Christopher's Hospital for Children, Philadelphia, PA, October 19, 1996

Hyaluronic Acid Degradation Increases Expression of RHAMM Receptor. Implications in Repair, Association of Academic Surgery, Dallas, TX, November 7, 1997

Inhibition of Differentiation of Fetal Mouse Heart Cells by Hyaluronic Acid, Association of Academic Surgery, Dallas, TX, November 8, 1997

Hyaluronic Acid in Wound Healing and Cancer, Biopolymers Seminar, Genzyme Corporation, Cambridge, MA, February, 1998

The Role of Hyaluronic Acid and Wound Healing: Fact or Fiction, 5th Reunion Speaker, 1998 Clinic Program, Jefferson Medical College, Philadelphia, PA, June, 1998

Gestational Effects of Hyaluronic Acid Receptors: Implications in Repair Wound Healing Society, Salt Lake City, UT, June 20, 1998

The Role of Hyaluronic Acid in Fetal Wound Healing, The Biology of Hyaluronan, Padua, Italy, July, 1998

Safety and Efficacy of Anti-adhesion Barriers Seprafilm[®] and Seprafilm[®] II in a Neonatal Rat Model Invited Speaker, Biopolymers Seminar, Genzyme Corporation, Cambridge, MA, May, 1999

Hyaluronidase Increases the Expression of RHAMM Receptor in Granulation Tissue, American College of Surgeons Surgical Forum, Orlando, FL, October, 1998

PRESENTATIONS: NATIONAL (CONT...)

Metastatic Wilm's Tumor Cells Show Increased CD44 Expression Independent of Hyaluronic Acid Concentration, Association for Academic Surgery Annual Meeting, Seattle, WA, November, 1998

The Safety and Efficacy of Seprafilm in Neonatal Rat Model, International Biopolymers Seminar, Poster Session, Manchester, Wales, October, 2000

The Use of a Low Fidelity Model to teach Laparoscopic Pyloric Stenosis Repair. Presented at the Association for Surgical Education, New York, NY, March 2005

Trialing a Low-Fidelity Pyloric Stenosis Model. Presented at American Pediatric Surgical Association, May, 2005, Phoenix AZ

Eliminating Complications in Laparoscopic Pyloromyotomy, Presented at International Pediatric Endosurgical Group, Dallas TX, April 2006.

Laparoscopic Repair of Incarcerated Small Bowel Hernia caused by Meckel's Diverticulum (Video Presentation). Presented at International Pediatric Endosurgical Group, Dallas TX, April 2006 (presented by Dr Steve Noe).

Phone Follow-up for Outpatient Pediatric Surgery: Design, Implementation and Critique Presented at The American Pediatric Surgical Nurses Association Annual Meeting, Hilton Head, SC, May 2007.

Update on Minimally Invasive Surgery in Infants & Children", Lehigh Valley Hospital Grand Rounds, Allentown, PA, May, 2007.

Anecdotes of Surgical Problems in Neonates, March of Dimes Lexington, Annual Luncheon Guest Speaker, Lexington, KY, March 2007

Inexpensive Home Knot Tying and Suture Teaching Module: Presented at the Association for Surgical Education, "Thinking Out of the Box" Session, Toronto, Canada, April 17, 2008.

Does a Change of Evaluation Form Alter Faculty Evaluations of Students? Presented at the Annual Meeting of the Association for Surgical Education, Toronto, Canada, April 18, 2008.

"Pediatric advanced Minimally Invasive Surgery: From Curiosity to Standard of Care," Presented at American Association of Surgical Physician Assistants, Sept, 2010, Washington, DC

Acquiring Surgical Skills in the Preclinical Years of Medical School," Presented at The American College of Surgeons meeting, October 2010, Washington, DC

Laparoscopic Hypertrophic Pyloric Stenosis—Hands on lab training with Minimal Cost, Presented at International Pediatric Endosurgical Group Annual Meeting, June, 2010, Waikola, HI

PRESENTATIONS: NATIONAL (CONT...)

Introduction to the ACGME Competencies during the 3rd year Surgical Clerkship through the use of “Surgery: A Competency Based Companion”, Association for Surgical Educators, Podium Session, March 22, 2011, Boston, MA

“Low Fidelity Training Model for Suturing and Knot Tying Techniques,” Association for Surgical Educators, Poster Session, March 22, 2011, Boston, MA

“All I do is Scutwork—Handling the balance between learning and service on surgery clerkship”, Association for Surgical Education, March, 2011, Boston, MA

“Utilizing Course Management System Data: What can we discover from e-learning strategies?” The Generalists in Medical Education, 2011 Denver, CO.

“Preparing Your Application for Surgery Residency” American College of Surgeons Meeting, Invited Talk, October, 2011, San Francisco, CA

“Management of Operative Blunt Duodenal Trauma—Primary Closure Without Diversion is Safe” Poster, Pediatric Trauma Symposium, March 2012, Philadelphia, PA

“Giving Medical Students a ‘Voice’ in Surgery Curriculum Changes: Our Experiences with the Double-Edged Sword” Poster Presentation, Association for Surgical Educators, March 2012, San Diego, CA

“Laparoscopic Pyloromyotomy” Seminar, Annual Congress, International Pediatric Endosurgery Group, May 2012, San Diego, CA

“Basic Suturing / Surgical Skills” Workshop Leader, Clinical Congress, American College of Surgeons, October 2012, Chicago, IL

“What does it take to get an ‘A’ in Surgery: The Medical Student Viewpoint,” Association for Surgical Education, April 2013, Orlando, FL

“Laparoscopic Pyloromyotomy” Workshop Leader, Annual Meeting, American Pediatric Surgery Association, May 2013, Marco Island, FL

“Rare Cause of Pediatric Acute Abdomen, Cured by Surgical Resection: A Case Report of Bleeding into a Retroperitoneal Lymphangioma (Platform Session),” Annual Meeting, Irish and American Pediatric Society, September 2013, Charleston, SC

“Skills Training, Useful Apps, and Web Resources, Residency Application Advice and SIG Essentials” Medical Student Workshops, Clinical Congress, American College of Surgeons, October 2013, Washington, D.C.

“Basic Suturing/ Surgical Skills” Workshop Leader, Clinical Congress, American College of Surgeons, October 2013, Washington, D.C.

“Medical students self-assessing performance in a surgery clerkship,” The Generalists in Medical Education, November 2013, Philadelphia, PA

“Peritoneal Drainage as the Initial Management of Intestinal Perforation in Premature Infants,” (POSTER) Southeastern Surgical Congress Annual Scientific Meeting, Southeastern Surgical Congress, February 2014, Savannah, GA.

“Intussusception Clinical Pathways: A Survey of Southeastern Surgical Practices,” (POSTER) Southeastern Surgical Congress Annual Scientific Meeting, Southeastern Surgical Congress, February 2014, Savannah, GA

“Sciatic Nerve Mononeuropathy as a Complication of VV ECMO,” Children’s National Medical Center, Division of Neonatology, CNMC ECMO Symposium, February 2014, Keystone, CO

“Troubleshooting Your Clerkship,” Surgical Education Week, Association for Surgical Education, April 2014, Chicago, IL

“Laparoscopic Pyloromyotomy,” (SKILLS COURSE) APSA Annual Meeting, American Pediatric Surgical Association, May 2014, Phoenix, AZ

“Effectiveness of an ECMO Simulation Program in a Smaller Volume Center,” (POSTER- author only) 25th Annual ELSO Meeting, September 15-18, 2014. Ann Arbor, MI

“Tips for Applying to Residency Programs,” ACS Division of Education Medical Student Program, American College of Surgeons Annual Meeting, October 26-28, 2014. San Francisco, CA

“Improving Follow-up Skeletal Survey Compliance in Suspected Non-Accidental Trauma Patients: What’s All the Fuss About?” (POSTER) Templeton Trauma Symposium, March 6, 2015. Pittsburgh, PA.

“Non-Accidental Trauma- Burns and Duodenal Injury,” Templeton Trauma Symposium. March 7, 2015. Pittsburgh, PA.

Laparoscopic Hypertrophic Pyloric Stenosis—Hands on lab training with Minimal Cost
Presented at International Pediatric Endosurgical Group Annual Meeting, April, 2015, Nashville, TN

Minimally Invasive Surgery Tips and Tricks of Single Site MIS, Hands on lab training Presented at
SAGES Annual Meeting, April, 2015, Nashville, TN

“Laparoscopic Pyloromyotomy,” (Skills station) APSA Annual Meeting, American Pediatric Surgical Association, Fort Lauderdale, FL, May 2015.

“Do you need (another) advanced degree? , AAP Surgery Fellows Conference Presentation, American Academy of Pediatrics, San Francisco, CA, October 2016.

“Mythbusters”; Demystifying the General Surgery Clerkship, American College of Surgeons, Medical Education Workshop, Workshop author and Lead speaker. Washington, DC. October 2016.

“Benefits of another advanced degree after fellowship? , AAP Surgery Fellows Conference Presentation, American Academy of Pediatrics, Chicago, IL, September 2017.

“Knowing your Stakeholders and keeping them Happy”, Association for Surgical Education, April, 2018, Austin, TX

PRESENTATIONS: LOCAL/REGIONAL

DNA Replication in the Presence of Apurinc Sites

Biochemistry Seminar Boston College, Department of Chemistry, April, 1989

Surgical Management of Biliary Stricture

Gastroenterology Grand Rounds, Penn State University Hershey Medical Center, November, 1994

Hyaluronic Acid and Wound Healing

Department of Surgery Research Conference, Penn State University, November, 1995

Interleukin-8, Fibroblasts and Collagen: Implications for Wound Healing,

Department of Surgery Grand Rounds, Penn State University, January, 1996

Repeated Additions Hyaluronic Acid Alter Granulation Tissue in Adult Mice,

Central Pennsylvania Chapter, ACS 12th Annual Residents’ Conference, Hershey, PA, April, 1996

Hyaluronic Acid and Wound Healing—An Update,

Department of Surgery Research Conference, Penn State University, November, 1996

Hyaluronic Acid Induces Scarless Repair In Mouse Organ Culture,

Central Pennsylvania Chapter, ACS 13th Annual Residents’ Conference, Hershey, PA, April, 1997

Hyaluronic Acid and Wound Healing: Lessons from the Mouse,

Department of Surgery Research Conference, Penn State University, December, 1997

Pediatric Surgical Emergencies

Department of Pediatrics Noon Lecture Series, St Christopher’s Hospital for Children, August, 2002

Update on Advanced MIS Techniques in Pediatric Surgery,

Contemporary Pediatrics for the Healthcare Professional, Lexington, KY, May 2004

What's New in Pediatric Surgery?

Central Baptist Hospital Pediatric Grand Rounds, Lexington, KY, June 2004

Surgical Treatment of GERD in Infants and Children

Central KY GI Nurses Association, Lexington Kentucky, August 2005

Caring for a child with Complicated Hirschsprung's Disease: A true rollercoaster ride

Central Kentucky March of Dimes Annual Luncheon, Monticello, KY, October, 2005

Minimally Invasive Surgery in Infants, Large Operations with Small Incisions

GI at the Extremes of Life Symposium, Lexington, Kentucky, November 2005

Pediatric Trauma Transport

Lifenet Quarterly Education Update, Versailles, Kentucky, November, 2005

Improving outcomes in Treating Empyema with VATS and a Critical Pathway

Southern Society of Clinical Surgeons, Lexington, Kentucky, April, 2006

What's New in Pediatric Surgery?

Corbin Pediatrics Group CME Lecture, October 2006

New Concepts in Pharmacology of Coagulants

Contemporary Pediatrics for the Healthcare Professional, Lexington, KY, April, 2007

So, You want to be a Doctor? The Game to get into Medical School and Beyond?

Transylvania University Premedical Group Lecture Series, October, 2007

Pediatric Cervical Spine Injury, Injuries, Field Immobilization, Assessment and Treatment

Kentucky State Trauma Symposium, Louisville, KY, November, 2007

Pediatric Trauma Resuscitation; Airway, Breathing, CT Scan?

Scott County EMS Quarterly Education Day, Georgetown, KY, May 2008

Pediatric Trauma Resuscitation; Airway, Breathing, CT Scan?

Danville Pediatrics and Hospital Group CME Conference, November, 2008

Taking Care of Pediatric Trauma Patients: ABCs and the Golden Hour

Lake Cumberland Regional Hospital Group CME Conference, January 2009

Horses not Zebras: Common Reasons to Refer to Pediatric Surgery

University of Kentucky Family & Community Medicine Conference, January 21, 2009

Pediatric Surgical Scenarios: Horses not Zebras
Pikeville Medical Center, February 2009

Pediatric Surgical Scenarios: Horses not Zebras
ARH South Williamson, KY, February 2009

Common Pediatric Surgery Diagnoses in Emergency Rooms
Presented at MESA Regional Review Day, Lexington, KY May, 2009

“Pediatric Trauma: Taking Care of little ones before they get to KCH”
Presented at Lexington Paramedics Course, April 2010, Lexington, KY

“Pediatric Trauma: Taking Care of little ones before they get to KCH”
Presented at Somerset Regional Pre-hospital Provider meeting, March 2010, Somerset, KY

“Pediatric Trauma: Taking Care of little ones before they get to KCH”
Presented at Scott County Regional Pre-hospital Provider meeting, May 2010, Georgetown, KY

“Pediatric Trauma: Taking Care of little ones before they get to KCH”
Presented at Scott County Regional Pre-hospital Provider meeting, May 2010, Georgetown, KY

“Common Pediatric Surgery Diagnoses in Emergency Rooms”
Presented at Air Methods Annual Education Symposium, Natural Bridge, KY July 2010

“Horses Not Zebras, Pediatric Surgery Common Diagnoses”
Presented at Harrison Memorial Hospital, Maysville, KY, June, 2010

“Pediatric Trauma Resuscitation”
Presented at Air Methods Annual Education Symposium, Natural Bridge, KY July 2010

“Newborn surgical Emergencies”
Presented at Neonatal Transport team education day, Lexington, KY August, 2010

“Cases in Pediatric Trauma”, Small group Session”
Presented at Lexington EMS Quarterly Education symposium, September 2010, Lexington, KY

“The Role of Pediatric Trauma Centers in Kentucky”
Presented at Kentucky Statewide Trauma Symposium, November 2010, Lexington, KY

“Pediatric Trauma ABC’s”
Mt. Sterling, KY, February 2011

“Pediatric Trauma ABC’s”

Morehead, KY, February 2011

“Pediatric Surgery Cases—Horses and Zebras”
Pikeville Medical Center, February 2011

“Teaching ICU Topics in Surgery—You know How Already”
AHEC Regional Faculty Symposium, Maysville, KY, February 2011

“Pediatric Trauma Resuscitation”
Morehead Fire School, May 15, 2011, Morehead, KY

“Case Studies in Pediatric Trauma”
Air Methods Symposium, July 2011

“Non-Trauma Pediatric Surgery Emergencies”
Air Methods Symposium, July 2011

“Pediatric Trauma Case Scenarios”
Presented at Emergency & Critical Care Conference, September 2011, Morehead, KY

“Update on Pediatric Trauma Cases”
PHI Regional Education Meeting, Morehead, KY, September 2011

“Pediatric Trauma Resuscitation: Anything New?”
Presented at the Kentucky EMS Conference, September 2011, Lexington, KY

“Utilizing Medical Student Comments to Drive Surgery Curriculum Changes: Our Experience with the Double-Edged Sword,”
Presented at Southern Group on Educational Affairs Regional Conference, Lexington, KY, April 2012

“Perspectives on Medical Education from Students and Faculty- Introduction to the ACGME Competencies through the use of Surgery: A Competency Based Companion”
Presented at Southern Group on Educational Affairs Regional Conference, Lexington, KY, April 2012

“Course Management System Data: An Instructor Lesson in e-Learning Strategies,”
Presented at Southern Group on Educational Affairs Regional Conference, Lexington, KY, April 2012

“Post –Traumatic Stress Disorder in Children”
Presented at Trauma and Emergency Medicine Statewide Symposium, Lexington, KY, October 2012

“Horses Not Zebras”
Presented at EMS- Rural Healthcare Training Weekend, Stanford, KY, February 2014

“Common Pediatric Surgical Conditions and When to Refer to a Pediatric Surgeon”

Presented at 16th Annual Pediatric Symposium, University of Pikeville, Pikeville, KY, October 2014

“Pediatric Trauma Case Scenarios”

Presented at Fayette County EMS Lecture, Lexington, KY, February 3, 2015.

“Common Pediatric Surgical referrals to a Pediatric Surgeon”

Presented at Annual Contemporary Pediatrics Symposium, University of Kentucky, Lexington, KY, May, 2015

“Pediatric Trauma Case Scenarios—Airway and the Infant”

Presented at Scott County EMS Lecture, Georgetown, KY, April 13, 2016.

“Transitioning to Pediatric Surgery Practice”

Cincinnati Children’s Hospital, General Surgery Grand Rounds, April 2016

Surgery Education and Documentation, Is there any time left to Teach?

Richard Schwartz Annual Symposium in Surgery Education, University of Kentucky, November, 2017

“Pediatric Trauma Case Scenarios—New cases for 2018”

Presented at Fayette County EMS Lecture, Lexington, KY, April, 2018.

PRESENTATIONS, INTERNAL

Update on Pediatric Minimally Invasive Surgery

Department of Surgery Grand Rounds, University of Kentucky, December 2003

The Surgical Care of Empyema in the Era of Advanced MIS

Department of Pediatrics Grand Rounds, University of Kentucky, May 2004

Newborn Surgical Emergencies

Neonatal/Pediatric Transport Nurses Education Conference, University of Kentucky, October, 2004

Perioperative Care of the Neonate

NICU Teaching conference, University of Kentucky, February, 2005

Biology of Wound Healing

General Surgery Resident Teaching Conference, February 2005

Pediatric Trauma, “What about the Little Ones?”

University of Kentucky Trauma Symposium, February 2005

Empyema; Optimal Care of the Pediatric Patient

Department of Surgery Grand Rounds, University of Kentucky, April, 2005

The use of Ultrasound in Pediatric Abdominal Trauma, what is the current evidence based medicine?
University of Kentucky Trauma Multidisciplinary Rounds April, 2005,

Review of Pediatric Surgery
General Surgery Resident Teaching Conference, June 2005

Implementing the Core Competencies into a General Surgery Curriculum: Where are we now and where do we need to go?
Department of Surgery Grand Rounds, University of Kentucky, November, 2005

ABC's of Pediatric Trauma: Unique aspects of infants and children,
Pediatric Trauma Core Lectures, University of Kentucky Emergency Room Staff, July, August, 2006

What does it mean to be a Minimally Invasive Surgeon?
Fayette County High School pre-professional program seminar, September, 2006

Pediatric Trauma Resuscitation, Beyond ATLS and APLS
Emergency Medicine Resident Conference, January, 2007

Review of Pediatric Surgery
General Surgery Resident Teaching Conference, February, 2007

Pediatric Trauma Core Lectures, University of Kentucky Emergency Room Staff
ABC's of Pediatric Trauma: Unique aspects of infants and children, March, April 2007

Game plan for Matching in Surgery
Talks to third and fourth year students on Matching and application strategies in surgery. Yearly 2007-present

Minimally Invasive Repair Techniques for Hirschsprung's Disease
Department of Pediatrics Grand Rounds, University of Kentucky April, 2007.

Pediatric Surgery and Pediatric Anesthesia, Observations from the Blood Side of the Barrier
Department of Anesthesia Resident Conference, January, 2008

Pediatric Surgery and Emergency Room Medicine, Basics of Diagnosis
Emergency Medicine Resident Conference, April, 2008

Fluids and Electrolytes, Basics of Resuscitation
General Surgery Resident Teaching Conference, July, 2008, July 2009, July 2010

Taking Care of Pediatric Trauma Patients: ABCs and the Golden Hour
MESA, Boone Center, May 18, 2009

The Impact of a Pediatric Trauma Center at the University of Kentucky, has anything changed?
University of Kentucky Surgery Grand Rounds, September, 2010.

“ECMO and CDH”

Presented an NICU/PICU Nurses Education Lecture Series, Lexington, KY October 2010

Teaching Surgical Skills and ICU topics to Medical Students

Faculty Development Conference, Maysville, KY, February 25, 2011

“Resident-Initiated Educational Exchange: Merging Academic Productivity with Surgical Humanitarianism,”

Ninth Annual CCTS Spring Conference, University of Kentucky Center for Clinical and Translational Science, March 2014.

Chest Wall Deformities

University of Kentucky Plastic Surgery Resident Conference, April 2011.

Teaching and Evaluating Medical Students

University of Kentucky Surgery Grand Rounds, May 2012.

Thoughts while Erasing the Board, Update on Student Education in the Department of Surgery

University of Kentucky Surgery Grand Rounds, May 2014.

Surgeon Burnout?—Real or not, and how to diagnose and treat

University of Kentucky Surgery Grand Rounds, May 2015.

Insights into Improving Communication with Coders—Better Relationships Improve Bottom line.

Lexington Medical Coders Association, February, 2016.

Surgery Quality Databases, New paradigm for documenting “Good” care

University of Kentucky OB-GYN Grand rounds, April 2016.

Adult Learning Styles and Application to Surgery Training

University of Kentucky Surgery Grand Rounds, September, 2016

Improving Surgery Evaluations—Getting beyond, “they did a good job this month”

University of Kentucky Surgery Grand Rounds, September, 2017

Pediatric Brain injury--Review for the Non – Neurologist

University of Kentucky Neurology Grand Rounds, September, 2018

Regional Educational Discussions in Pediatric Surgery

Below are list of topics taught at bit Akron Children's Hospital and University of Kentucky to Surgery Residents, Pediatric Residents, Family Practice Residents and rotating medical students

Pediatric Surgery – Horses, not Zebras, common referrals from the clinic and the ER
The Pediatric Acute Abdomen,
Bilious Vomiting in the Newborn
Care of Neonatal Emergencies, Chest and upper GI tract
Congenital Diaphragmatic hernia and ECMO, its not the same
Pediatric Trauma—Abuse: pattern recognition and work-up
Pediatric Surgery Review for Pediatric Boards, 2 hour lecture review
Pyloric Stenosis and malrotation
Surgical Treatment of GERD
Introduction to Surgical Billing
Post operative care of the NICU patient
Uncommon problems with pediatric hernias
Benign Cystic Lung masses in Newborn
Anorectal Malformations
Disaster Planning, where are we in UK Pediatrics?
Blunt Head Trauma, Interfacing ER and PICU Care
4 Different 10 year old children with abdominal pain
Newborn Sacrococcygeal teratoma
Newborn with Excessive drooling (TEF)
Complications of GERD
Complicated pneumonia in a 4yo (empyema)
Rectal Bleeding in 4yo male (Meckel's)
Presentation of common hernias in pediatric practice
Primer on Referring to Pediatric Surgery
Indications, insertion and Care of long term IV access
Pneumatosis in a 3 week old baby in NICU
Disaster Prep at KCH, are we ready?
Handlebar bike injury in 9yo boy
Vomiting in a 3 day old, a 3 week old, a 3 month old and a 3 year old
Surgical Abdominal Pain in Children
Chest Mass in 8yo female
Recurrent pneumonias in a 9m old female
Neck Masses in Infants and Children
Lumps and Bumps in Pediatric Practice
Gastroschisis and Omphalocele
Central venous access, ports, broviacs, dialysis catheters
Perforated NEC in 700gm neonate, what's this drain thing about?
Incarcerated hernia and Testicular Torsion
Introduction to Inotropes for the surgeon

Updated July 7, 2022