

**KATHERINE J. DEANS, MD, MHSc.**  
F.A.A.P., F.A.C.S.  
**Curriculum Vitae**

Date prepared: March 15, 2018

Title: Associate Professor of Surgery and Pediatrics (Tenure Track)  
Department of Surgery, Division of Pediatric Surgery  
The Ohio State University College of Medicine  
Nationwide Children's Hospital

Office contact: Center for Surgical Outcomes Research  
Center for Innovation in Pediatric Practice  
Nationwide Children's Hospital  
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Columbus, Ohio 43205

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Place of Birth: Philadelphia, PA

Citizenship: U.S.A

**MEDICAL LEADERSHIP DEVELOPMENT**

2017 Society of University Surgeons, Leadership Agility Program, North  
Western University, Kellogg Executive Education, Evanston, IL

2012-2014 Medical Leadership Program (2-year program)  
Nationwide Children's Hospital, Columbus, Ohio

**EDUCATION**

Undergraduate:	1990-1994	B.A.	Wellesley College Wellesley, MA
Medical:	1994-1998	M.D.	Dartmouth Medical School Lebanon, NH
Graduate:	2003-2005	M.H.Sc.	Duke University School of Medicine Durham, NC

## **POSTDOCTORAL TRAINING**

Residency:	1998-2001 2005-2007	Resident in General Surgery Massachusetts General Hospital Boston, MA
Clinical Fellowship	2001-2002	Fellow in Critical Care Medicine Warren G. Magnuson Clinical Center National Institutes of Health, Bethesda, MD
Research Fellowship	2002-2005	Senior Research Fellow Warren G. Magnuson Clinical Center National Institutes of Health, Bethesda, MD
Clinical Fellowship	2007-2009	Fellow in Pediatric Surgery The Children's Hospital of Philadelphia Philadelphia, PA

## **ACADEMIC APPOINTMENTS**

2008-2009	Instructor in Surgery University of Pennsylvania School of Medicine The Children's Hospital of Philadelphia, Philadelphia, PA
2009-2011	Assistant Professor of Surgery University of Pennsylvania School of Medicine The Children's Hospital of Philadelphia, Philadelphia, PA
2011-2016	Assistant Professor of Surgery and Pediatrics (Tenure track) The Ohio State University College of Medicine Nationwide Children's Hospital, Columbus, OH
2016-Current	Associate Professor of Surgery and Pediatrics (Tenure track) The Ohio State University College of Medicine Nationwide Children's Hospital, Columbus, OH

## **OTHER POSITIONS**

2008-2011	Clinical Attending Staff Department of Surgery The Children's Hospital of Philadelphia, Philadelphia, PA
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2011-Current      Clinical Attending Staff  
Department of Surgery, Division of Pediatric Surgery  
Nationwide Children's Hospital, Columbus, OH

2011-Current      Co-director, Center for Surgical Outcomes Research  
The Research Institute at Nationwide Children's Hospital, Columbus, OH

### **PROFESSIONAL CERTIFICATIONS**

2007-Current      Board Certified, General Surgery, American Board of Surgery  
2007-Current      Board Certified, Surgical Critical Care, American Board of Surgery  
2010-2020          Board Certified, Pediatric Surgery, American Board of Surgery

### **CLINICAL CERTIFICATIONS**

1994-Current      Instructor  
Advanced Trauma Life Support(ATLS)  
American College of Surgeons

2012-Current      Pediatric Advanced Life Support (PALS)  
American Heart Association/American Academy of Pediatrics

2012-Current      Instructor  
Advanced Burn Life Support  
American Burn Association

### **STATE MEDICAL LICENSURES**

2001-2005          Licensed Physician, Maryland Medical Board  
2002-2005          Licensed Physician, District of Columbia Medical License  
2007-2011          Licensed Physician, Pennsylvania Medical Board  
2011-Current      Licensed Physician, Ohio State Medical Board

### **AWARDS for RESEARCH, SCHOLARLY WORK AND HONORS**

1996                  Recipient, Lahey-Hitchcock Research Award, Dartmouth Medical School  
1996                  Recipient, Helen's Fund Research Award, Dartmouth Medical School  
1997                  Schweitzer Fellow for Community Service, Dartmouth Medical School  
1998                  Association for Academic Surgery Student Research Award  
2004                  Massachusetts General Hospital Calderwood Award for Cardiovascular  
Research  
2001-2005          National Institutes of Health Loan Repayment Program, Intramural

2016	Best Podium Presentation, 2016 Department of Surgery Research Conference
2014	Outstanding Principal Investigator in Clinical Science, The Research Institute at Nationwide Children's Hospital
2015	Rosencrantz Award, American Academy of Pediatrics Section on Surgery
2015	Society of University Surgeons- Karl Storz Resident Award for Research (Mentor)
2016	Society of University Surgeons- Karl Storz Resident Award for Research (Mentor)
2016	Best Scientific Poster of Exceptional Merit, American College of Surgeons Clinical Congress (Mentor)
2016	Poster of Exceptional Merit, American College of Surgeons Clinical Congress (Mentor)
2016	Best Podium Presentation, OSU DOS Research Conference (Mentor)
2016	Excellence in Research Award, American College of Surgeons Clinical Congress (Mentor)
2016	COCIT Best Podium Presentation Award, The council on Clinical Information Technology 2016 Society of University Surgeons-Karl Storz Resident Scholar Award for Research (Mentor)
2017	Finalist, Bradley Hill, Best Innovative Research Award, The 33 <sup>rd</sup> Annual Children's National Symposium: ECMO & the Advanced Therapies for Respiratory Failure (Mentor)

#### **ADMINISTRATIVE SERVICE-NATIONWIDE CHILDREN'S HOSPITAL**

2012- Current	Member, Inpatient Rounding Task Force Nationwide Children's Hospital, Columbus, OH
2012 - Current	Member, Fellowship Selection Committee Division of Pediatric Surgery, Nationwide Children's Hospital, Columbus, OH
2012 - Current	Member, Finance and Sponsored Projects Clinical Advisory Panel Nationwide Children's Hospital, Columbus OH
2012 – Current	Board Member, Partners for Kids Nationwide Children's Hospital, Columbus, OH
2012 – 2014	Director of Research, Center for Family Safety and Health Nationwide Children's Hospital, Columbus, OH
2012 - 2014	Member, Scholarly Oversight Committee, Child Abuse Nationwide Children's Hospital, Columbus, OH

2014- Current	Member, Data/Analytics Strategy Committee
2014 - Current	Member, Hirschsprung's Disease Research Collaborative Nationwide Children's Hospital, Columbus, OH
2014-2016	Member, Scholarly Oversight Committee, Gastroenterology
2015- Current	Associate Director, Hepatobiliary Program Nationwide Children's Hospital, Columbus, OH
2016-2018	Member, Medical Executive Committee Nationwide Children's Hospital, Columbus, OH
2016 - Current	Member, Scholarly Oversight Committee, Critical Care Nationwide Children's Hospital, Columbus, OH
2017-Current	Member, Strategic Planning and Innovation Committee Nationwide Children's Hospital, Columbus, OH
2017-Current	Vice Chair, Partner's for Kids Nationwide Children's Hospital, Columbus, OH

## **PROFESSIONAL SOCIETY COMMITTEE MEMBERSHIP**

### **Local**

2014-Current	Member, Columbus Surgical Society
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### **National**

2010-2016	National Surgical Quality Improvement Program Member, Modeling & Evaluation National Committee
2013-2016	American Pediatric Surgical Association Member, Outcomes and Evidence Based Practice National Committee
2014-2016	American Academy of Pediatrics, Section on Surgery Member, Delivery of Surgical Care Committee
2014-2016	American Academy of Pediatrics, Section on Surgery Member, Membership Committee

2015-2017	American Pediatric Surgical Association Member, Research Committee
2016-Current	American Academy of Pediatrics, Section on Surgery Vice Chair, Liaison and Advocacy Committee

## **PROFESSIONAL SOCIETY MEMBERSHIP**

### **National**

2010-Current	Member - American Pediatric Surgical Association
2011-Current	Member - Association for Academic Surgery
2012-Current	Fellow, American College of Surgeons
2012-Current	Member - Pediatric Trauma Society
2012-Current	Member - International Pediatric Endosurgery Group
2012-Current	Member - American Academy of Pediatrics, Fellow, Section on Surgery
2014 -Current	Member - Hirschsprung's Disease Research Collaborative
2017-Current	Member - Society of University Surgeons

## **PROFESSIONAL COLLABORATIONS**

2013-Current	Board Member - Midwest Pediatric Surgical Research Consortium
2013-Current	Member - Pediatric Surgery Research Collaborative
2015-Current	Member-Surgical Outcomes Club

## **EDITORSHIP OF JOURNALS**

Editorial Review Board:

2016	Pediatric Quality & Safety
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Assistant Editor:

2018-2023	Journal of Pediatric Surgery
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Ad hoc Reviewer for:

2011-Current	Surgery
2011-Current	Journal of the Pediatric Infectious Diseases Society
2011-Current	Child Abuse and Neglect
2011-Current	Pediatrics
2011-Current	JAMA-Pediatrics
2015-Current	PLOS ONE Website
2015-Current	Journal of Pediatric Surgery
2015-Current	JAMA-Surgery
2016- Present	JACS
2016- Present	Annals of Surgery

## **CURRENT GRANT SUPPORT**

**Title: Postoperative opioid use and prescription utilization in children**

Principal Investigator:	Lorraine Kelley-Quon
Funding Period:	06/1/2018-05/31/2021
Funding Source:	Children's Hospital of LA
Amount:	\$989,520
Role:	Mentor

**Title: Reducing unnecessary oophorectomies for benign neoplasms in girls: A Multi-institutional Study**

Principal Investigator:	Katherine Deans
Funding Period:	05/1/2018-12/1/2020
Funding Source:	Thrasher Research Fund
Amount:	\$394,000
Role:	PI
Percent effort:	10%
Objective:	The goal of the study is to assess the accuracy of this algorithm to decrease unnecessary oophorectomies across 11 children's hospitals. Positive results from this study will provide strong evidence for a national initiative to reduce oophorectomies for benign neoplasms in girls across the United States.

**Title: Randomized controlled trial of laser of hair depilation in adolescents with pilonidal disease**

Principal Investigator:	Peter Minneci/Katherine Deans
Funding Period:	12/1/2017-12/1/2020
Funding Source:	Patient-Centered Outcomes Research Institute (PCORI)
Amount:	\$1,716,510
Role:	PI

**Title: Opioid prescribing disparities in a public health crisis: The case of pediatric post-surgical pain management.**

Principal Investigator: Katherine Deans  
Funding Period: 9/1/2017-8/31/2019  
Funding Source: National Institute of Health/NICHD(1R21MD011767-01)  
Amount: \$416,875.00  
Role: PI

**Title: Timing of Inguinal Hernia Repair in Premature Infants: A Randomized Trial**

Principal Investigator: Martin Blakely  
Funding Period: 07/01/2014-06/30/2019  
Funding Source: National Institutes of Health/NICHD (1R01HD076733-01A1)  
Amount: \$2,892,762  
Role: PI

**Title: Multi-Institutional Trial of Non-Operative Management of Uncomplicated Pediatric Appendicitis**

Principal Investigator: Peter Minneci  
Funding Period: 7/1/2016-6/30/2019  
Funding Source: Patient-Centered Outcomes Research Institute (PCORI)  
Funding Amount: \$2,875,543  
Role: PI

**Title: Randomized Controlled Trial of a Patient Activation Tool in Pediatric Appendicitis**

Principal Investigator: Katherine Deans  
Funding Period: 7/1/2013-12/15/2018  
Funding Source: Patient-Centered Outcomes Research Institute (PCORI) (4350)  
Amount: \$1,600,000  
Role: PI

## **PREVIOUS GRANT SUPPORT**

**Title: National Collaborative for Innovation in Quality Measurement (NCINQ)**

Principal Investigator: Sarah Scholle  
Funding Period: 03/01/2013—02/28/2015  
Funding Source: Agency for Healthcare Research and Quality (1U18HS020503-01)  
Amount: \$1,025,000  
Role: Site-PI (2014)



**Title: Nitric Oxide consumption by cell free plasma hemoglobin**

Principal Investigator: Peter Minneci  
Funding Period: 8/1/2007-8/31/2010  
Funding Source: National Institutes of Health/NHLBI (1K22HL089041-01)  
Amount: \$159,600  
Role: PI

**Title: Characterization of the levels and effects of intravascular hemolysis in patients undergoing cardiopulmonary bypass**

Principal Investigator: Peter Minneci  
Funding Period: 4/07/2008-10/24/2009  
Funding Source: INO Therapeutics Sponsored Research Grant  
Amount: \$80,000  
Role: PI

**Title: Electronic Surveillance of Wound Infections after Ambulatory Pediatric Surgery**

Principal Investigator: Susan Coffin  
Funding Period: 09/30/11-9/29/16  
Funding Source: National Institutes of Health/NICHHD (1R01HS020921-01)  
Amount: \$1,250,000  
Role: Co-investigator (Support released upon move to new academic institution)

**OTHER FUNDING RECEIVED FOR CANDIDATES ACADEMIC WORK**

**Title: Pediatric and Adult Congenital Heart Disease**

Principal Investigator: Jason Sulkowski  
Funding Period: 07/01/12-06/30/14  
Funding Source: National Institutes of Health T32 Training Program  
Amount: \$ 97,768  
Role: Mentor to PI

**Title: DoseWizard Software Package**

Principal Investigator: Katherine Deans  
Funding Period: 06/15/15-06/15/16  
Funding Source: Technology Development Fund, Nationwide Children's Hospital  
Amount: \$ 25,500.00  
Role: PI

**Title: A Novel Method for Tracking Radiation Exposure from Computed Tomography in Children**

Principal Investigator: Daniel Lodwick  
Funding Period: 07/01/15-06/30/16  
Funding Source: Society of University Surgeon's Karl Storz Resident Award  
Amount: \$ 30,000  
Role: Mentor to PI

**Title: Randomized Controlled Trial of a Rapid Learning Healthcare System in Pediatric Surgery**

Principal Investigator: Dani O. Gonzalez  
Funding Period: 07/01/16-06/30/17  
Funding Source: Society of University Surgeon's Karl Storz Resident Award  
Amount: \$ 30,000  
Role: Mentor to PI

**Title: Postoperative Opioid Use and Prescription Utilization in Children**

Principal Investigator: Lorraine Kelley-Quon  
Funding Period: 06/01/2018-5/31/2021  
Funding Source: National Institute of Health/NICHHD(KL2TR001854)  
Amount: \$989,520  
Role: Mentor to PI

**PEDIATRIC SURGICAL RESIDENTS TRAINED**

7/01/10-6/30/00

**Bill Chiu, MD**

Current Position: Assistant Professor of Surgery  
Floating Hospital for Children  
Tufts University  
Boston, MA

7/1/09-6/30/11

**Peter Minneci, MD**

Current Position: Associate Professor of Surgery and Pediatrics  
Department of Surgery, Division of Pediatric Surgery  
The Ohio State University College of Medicine  
Nationwide Children's Hospital  
Columbus, OH

7/1/09-6/30/11

**Andrea Badillo, MD**

Current Position: Assistant Professor of Surgery  
Children's National Medical Center  
George Washington University  
Washington, DC

- 7/1/10-6/30/11 **William Peranteau, MD**  
Current Position: Assistant Professor of Surgery  
Children's Hospital of Philadelphia  
Philadelphia, PA
- 9/1/11-6/30/12 **Helena Crowley, MD, PhD**  
Current position: Assistant Professor of Surgery  
University of Maryland Medical Center  
Baltimore, MD
- 9/1/11-6/30/13 **Johanna Askegard-Giesmann, MD**  
Current position: Assistant Professor of Pediatric Surgery  
Sanford Health Systems  
Fargo, ND
- 7/1/12-6/30/14 **Mehul Raval, MD**  
Current Position: Assistant Professor of Pediatric Surgery  
Emory University  
Children's Hospital of Atlanta  
Atlanta, GA
- 7/1/13-6/30/15 **Rajan Thakkar, MD**  
Current Position: Assistant Professor of Surgery  
Nationwide Children's Hospital  
Columbus, OH
- 7/1/14-6/30/16 **Payam Saadai, MD**  
Current Position: Assistant Professor of Surgery  
UC Davis Medical Center  
Sacramento, CA
- 7/1/15-6/30/17 **Lorraine Kelley-Quon, MD**  
Current Position: Assistant Professor of Surgery  
Children's Hospital Los Angeles  
Los Angeles, CA
- 7/1/15-Present **Jeremy Fisher, MD**  
Current Position: Chief Resident  
Nationwide Children's Hospital  
Columbus, OH
- 7/1/17-Present **Justin Huntington, MD**  
Current Position: Assistant Resident  
Nationwide Children's Hospital  
Columbus, OH

## **PEDIATRIC SURGICAL CRITICAL CARE FELLOWS TRAINED**

- 9/1/11-6/30/12      **Kathleen Dominguez, MD**  
Current Position: Assistant Professor of Surgery  
Medical College of Wisconsin  
Milwaukee, WI
- 7/1/12-6/30/13      **Keith Webb, MD**  
Current Position: Assistant Professor of Surgery  
Regional Healthcare System  
Spartanburg, SC
- 7/1/13-6/30/14      **Laura Boomer, MD**  
Current Position: Assistant Professor of Surgery  
Children's Hospital of Richmond VCU  
Richmond, VA
- 7/1/14-6/30/15      **Jason Nielson, MD**  
Current Position: Assistant Professor of Surgery  
Med Center Health General Surgery  
Bowling Green, KY
- 7/1/15-6/30/16      **Lindsey Talbot, MD**  
Current Position: Pediatric Surgery Fellowship  
Comer Children's Hospital  
Chicago, IL
- 7/1/16-6/30/17      **Alan Coleman, MD**  
Current Position: Acute Care Surgery  
United Regional  
Wichita Falls, TX
- 7/1/17-Present      **Andrew Nordin, MD**  
Current Position: Surgical Critical Care Fellowship  
Nationwide Children's Hospital  
Columbus, OH

## **MINIMALLY INVASIVE SURGERY FELLOWSHIP (Preceptor)**

- 7/1/13-06/30/14      **Victoria Pepper, MD**  
Current Position: Pediatric Surgery Fellow  
Loma Linda University Children's Hospital  
Loma Linda, CA

7/1/14-06/30/15      **Laura Boomer, MD**  
Current Position: Assistant Professor of Surgery  
Children's Hospital of Richmond VCU  
Richmond, VA

7/1/15-06/30/16      **Alessandra Gasior, MD**  
Current Position: Colorectal Surgery  
Nationwide Children's Hospital  
Columbus, Ohio

7/1/17-Present      **Dominic Papandria, MD**  
Current Position: Minimally Invasive Fellowship  
Nationwide Children's Hospital  
Columbus, OH

#### **POST-DOCTORAL RESEARCH FELLOWS SUPERVISED (M.D.)**

7/1/12-6/30/14      **Jason Sulkowski, MD**  
Project: The role of hemolysis associated endothelial dysfunction during extracorporeal membrane oxygenation and cardiopulmonary bypass

7/1/13-6/30/15      **Justin Mahida, MD MBA**  
Project: Use of the NSQIP-Peds to assess risk adjusted outcomes in pediatric surgery

7/1/14-6/30/16      **Daniel Lodwick, MD MS**  
Project: A novel method for tracking radiation exposure from computed tomography in children

7/1/14-6/30/16      **Peter Lu, MD**  
Project: Role of sacral nerve stimulation as treatment for constipation and fecal incontinence

7/1/15-6/30/17      **Dani Gonzalez, MD**  
Project: Reducing unnecessary oophorectomies for benign neoplasms in girls

7/1/15-6/30/17      **Joseph Lopez, MD**  
Project: A randomized controlled trial of laser hair removal in the treatment of pilonidal disease

7/1/17-Present      **Manzi Akande, MD**  
Project: Effects of medicaid expansion in insurance coverage and outcomes in young adult trauma patients

- 8/1/17-Present      **Amanda Onwuka, PHD**  
Project: IUD complications in adolescents with cognitive disabilities
- 7/1/17-Present      **Devin Halleran, MD**  
Project: A randomized controlled trial of laser hair removal in the treatment of pilonidal disease
- 7/1/17-Present      **Amy Lawrence, MD**  
Project: A review of ovary sparing procedures in girls diagnoses with ovarian masses
- 7/1/17-Present      **Carl Backes, MD**  
Project: A pilot, randomized controlled trial of catheter-based patent ductus arteriosus(PDA) closure versus conservative therapy

#### **MEDICAL STUDENTS SUPERVISED (LABAORATORY)**

- 6/1/12-5/1/13      **Anthony Congeni**  
Project: Multi-institutional comparison of single stage vs. multi-stage pull-through for Hirschsprung's disease  
OSU School of Medicine  
Columbus, OH
- 6/1/12-5/1/13      **Joseph Lopez, MD**  
Project: Morbidity & Mortality in patients with esophageal atresia  
OSU School of Medicine  
Columbus, OH
- 6/1/13-9/1/13      **Yamini Jadcherla**  
Project: Comparison of various procedures for pediatric gastrostomy tube placement  
OSU School of Medicine  
Columbus, OH
- 11/1/17-Present      **David Allen**  
Project: The necessary use of CT imaging in children diagnosed with peritonsillar abscesses  
OSU School of Medicine  
Columbus, OH

#### **COLLEGE STUDENTS SUPERVISED**

- 2013                      **Austin King (Ohio University)**  
2014

- 2015                    **Margaret Heller** (University of Pennsylvania)
- 2015                    **Heather Posner** (The Ohio State University)
- 2015                    **Charissa Newkirk** (The Ohio State University)
- 2015                    **Ashley Hadjis** (The Ohio State University)
- 2017                    **Ben Iten** (Harvey Mudd)
- 2017                    **Nicole Brigstock** (University of Pennsylvania)

#### **HIGH SCHOOL STUDENTS SUPERVISED (LABORATORY)**

- 2013                    **Allisabeth Cuenot** (South High School, Columbus Ohio)
- 2017                    **Lily Kaufman** (Columbus Academy, Columbus Ohio)

#### **PUBLICATIONS**

1. Molrine DC, Guinan EC, Antin JH, Parsons SK, Weinstein HJ, Wheeler C, McGarigle C, Blanding P, Phillips NR, Kinsella K, **Deans KJ**, Ciamarra A, Goorin A, George S, Ambrosino DM. Donor immunization with Haemophilus influenzae type b (HIB)-conjugate vaccine in allogeneic bone marrow transplantation. *Blood*. 1996; 87(7):3012-8. PMID: 8639924
2. **Deans KJ**, Mooney DP, Meyer MM, Shorter NA. Prolonged intestinal exposure to amniotic fluid does not result in peel formation in gastroschisis. *J Pediatr Surg*. 1999; 34(6):975-6. PMID: 10392916
3. Sweeney T, **Deans KJ**, Rattner DW. Pancreaticopleural Fistula: A Complication of Pancreatic Cancer. *Contemporary Surgery*. 2001; 67(1):22-24.
4. Minneci P, **Deans KJ**, Natanson C, Eichacker PQ. Increasing the efficacy of anti-inflammatory agents used in the treatment of sepsis. *Eur J Clin Microbiol Infect Dis*. 2003; 22(1):1-9. PMID: 12582737
5. Haley M, Xizhong C, Minneci PC, **Deans KJ**, Natanson C, Eichacker PQ. Recombinant human activated protein C in sepsis: Previous concerns and current usage. *Therapy*. 2004;1(1): 123-129. PMID: 15486536

6. Minneci PC, **Deans KJ**, Banks SM, Eichacker PQ, Natanson C. Should we continue to target the platelet-activating factor pathway in septic patients? *Crit Care Med.* 2004; 32(2):585-8.  
PMID: 14758184
7. Haley M, Cui X, Minneci PC, **Deans KJ**, Natanson C, Eichacker PQ. Activated protein C in sepsis: emerging insights regarding its mechanism of action and clinical effectiveness. *Curr Opin Infect Dis.* 2004; 17(3):205-11. Review.  
PMID: 15166822
8. Minneci PC, **Deans KJ**, Kim P, Mathisen DJ. Foramen of Morgagni hernia: changes in diagnosis and treatment. *Ann Thorac Surg.* 2004; 77(6):1956-9.  
PMID: 15172245
9. Minneci PC, **Deans KJ**, Banks SM, Eichacker PQ, Natanson C. Meta-analysis: the effect of steroids on survival and shock during sepsis depends on the dose. *Ann Intern Med.* 2004; 141(1):47-56. Review.  
PMID: 15238370
10. Minneci PC, **Deans KJ**, Banks SM, Eichacker PQ, Natanson C. Is it appropriate to withhold beneficial therapy in critical illness? *BMJ.* 2004; August 23
11. Minneci PC, **Deans KJ**, Banks SM, Eichacker PQ, Natanson C. Re: Corticosteroids for sepsis and septic shock – Credible evidence.....or not? *BMJ.* 2004; September 20
12. Haley M, Cui X, Minneci PC, **Deans KJ**, Natanson C, Eichacker PQ. Recombinant human activated protein C in sepsis: assessing its clinical use. *Am J Med Sci.* 2004 Oct; 328(4):215-9. Review.  
PMID: 15486536
13. Minneci PC, **Deans KJ**, Banks SM, Eichacker PQ, Natanson C. Corticosteroids for septic shock. *Ann Intern Med.* 2004; 141(9):742-3.  
PMID: 15520444
14. Minneci PC, **Deans KJ**, Banks SM, Costello R, Csako G, Eichacker PQ, Danner RL, Natanson C, Solomon SB. Differing effects of epinephrine, norepinephrine, and vasopressin on survival in a canine model of septic shock. *Am J Physiol Heart Circ Physiol.* 2004; 287(6):H2545-54.  
PMID: 15319205
15. **Deans KJ**, Minneci PC, Eichacker PQ, Natanson C. The efficacy of drotrecogin alfa depends on severity of illness. *Crit Care Med.* 2004; 32(11):2347.  
PMID: 1564065



16. **Deans KJ**, Minneci PC, Eichacker PQ, Natanson C. Defining the standard of care in randomized controlled trials of titrated therapies. *Curr Opin Crit Care*. 2004; 10(6):579-82. Review.  
PMID: 15616405
17. **Deans KJ**, Minneci PC, Banks SM, Natanson C, Eichacker PQ. Substantiating the concerns about recombinant human activated protein C use in sepsis. *Crit Care Med*. 2004; 32(12):2542-3.  
PMID: 15599164
18. Minneci PC, **Deans KJ**, Zhi H, Yuen PS, Star RA, Banks SM, Schechter AN, Natanson C, Gladwin MT, Solomon SB. Hemolysis-associated endothelial dysfunction mediated by accelerated NO inactivation by decompartmentalized oxyhemoglobin. *J Clin Invest*. 2005; 115(12):3409-17.  
PMID: 16294219
19. **Deans KJ**, Haley M, Natanson C, Eichacker PQ, Minneci PC. Novel therapies for sepsis: a review. *J Trauma*. 2005; 58(4):867-74. Review.  
PMID: 1582467
20. **Deans KJ**, Natanson C, Minneci PC. The dose-dependent effects of steroid therapy on survival in sepsis: A Meta-analysis. *Contagion*. 2005;2(1):14-21
21. **Deans KJ**, Minneci PC, Cui X, Banks SM, Natanson C, Eichacker PQ. Mechanical ventilation in ARDS: One size does not fit all. *Crit Care Med*. 2005; 33(5):1141-3.  
PMID: 15891350
22. Minneci PC, **Deans KJ**, Cui X, Banks SM, Natanson C, Eichacker PQ. Antithrombotic therapies for sepsis: a need for more studies. *Crit Care Med*. 2006;34(2):538-41. Review.  
PMID: 16424739
23. **Deans KJ**, Minneci PC, Banks SM, Xizhong C, Natanson C, Eichacker PQ. Tidal Volumes in Acute Respiratory Distress Syndrome-Mechanical Ventilation in ARDS: One size does not fit all. Authors reply. *Crit Care Med*. 2006;34(1):264-267
24. Minneci PC, **Deans KJ**, Hansen B, Parent C, Romines C, Gonzales DA, Ying SX, Munson P, Suffredini AF, Feng J, Solomon MA, Banks SM, Kern SJ, Danner RL, Eichacker PQ, Natanson C, Solomon SB. A canine model of septic shock: balancing animal welfare and scientific relevance. *Am J Physiol Heart Circ Physiol*. 2007; 293(4): H2487-500  
PMID: 17644570
25. **Deans KJ**, Minneci PC, Suffredini AF, Danner RL, Hoffman WD, Ciu X, Klein HG, Schechter AN, Banks SM, Eichacker PQ, Natanson C. Randomization in clinical trials of titrated therapies: unintended consequences of using fixed treatment protocols. *Crit Care Med*. 2007; 35(6):1509-16.  
PMID: 17440420

26. Minneci PC, **Deans KJ**, Shiva S, Zhi H, Banks SM, Kern S, Natanson C, Solomon SB, Gladwin MT. Nitrite reductase activity of hemoglobin as a systemic nitric oxide generator mechanism to detoxify plasma hemoglobin produced during hemolysis. *Am J Physiol Heart Circ Physiol*. 2008; 295(2):H743-54.  
PMID: 18552166
27. Minneci PC, Eichacker PQ, Danner RL, Banks SM, Natanson C, **Deans KJ**. The importance of usual care control groups for safety monitoring and validity during critical care research. *Intensive Care Med*. 2008 May; 34(5):942-7. Review.  
PMID: 18214424
28. Solomon SB, Minneci PC, **Deans KJ**, Feng J, Eichacker PQ, Banks SM, Danner RL, Natanson C, Solomon MA. Effects of intra-aortic balloon counterpulsation in a model of septic shock. *Crit Care Med*. 2009; 37(1):7-18.  
PMID: 19050641
29. **Deans KJ**, Minneci PC, Chen H, Kern SJ, Logun C, Alsaaty S, Norsworthy KJ, Theel SM, Sennesh JD, Barb JJ, Munson PJ, Danner RL, Solomon MA. Impact of animal strain on gene expression in a rat model of acute cardiac rejection. *BMC Genomics*. 2009; 10:280.  
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### ***Book chapters***

1. **Deans K**, Minneci P, Eichacker PQ, Natanson C. Anti-Inflammatory Agents: A Double Edged Sword in Our Arsenal against Septic Shock. In: Net A, ed. *Shock and Multiorgan Failure*. 2003 ed. Iberica: Springer-Verlag; 2003.
2. Minneci PC, **Deans KJ**, Haley M, Xizhong C, Natanson C, Eichacker PQ. Factors Influencing the Efficacy of Mediator-Specific Anti-inflammatory, Glucocorticoid and Anti-Coagulant Therapies for Sepsis. In: *Gad SC, ed. Drug Discovery Handbook*. Vol 1. Hoboken: Wiley Interscience; 2005:937-960.
3. Minneci PC, **Deans KJ**, Banks SM, Natanson C, Eichacker PQ. A Critical Review of Randomized Controlled Trials of Tidal Volume Reduction During ARDS. In: Dreyfuss D, Hubmayr RD, Saumon G, eds. *Ventilator Induced Lung Injury*. New York: Marcel Dekker, Inc.; 2006:519-536.

4. **Deans KJ**, Minneci PC, Cui X, Banks SM, Natanson C, Eichacker PQ. The Need to Account for Existing Practice Patterns in Trials of Mechanical Ventilation. In: Tobin MJ, eds. *Principles and Practice of Mechanical Ventilation*, 2nd edition. New York: McGraw Hill. 2006:1347-1354.
5. Minneci PC, **Deans KJ**, Natanson C. Applying the Results of Randomized Controlled Trials: Caveat Emptor. In: Chiche JD, Moreno R, Putensen C, Rhodes A, eds. *Patient Safety and Quality of Care in Intensive Care Medicine*. Berlin: MWV Medizinisch Wissenschaftliche. 2010.
6. **Deans, KJ**. Gastrointestinal Bleeding. In: Mattei P, ed. *Fundamentals of Pediatric Surgery*. New York: Springer. 2011:865-870.
7. **Deans, KJ**. Gastrointestinal Bleeding. In: Mattei P, ed. *Fundamentals of Pediatric Surgery*. New York: Springer. 2<sup>nd</sup> Edition. 2016. Chapter 11.
8. **Deans KJ**. Biliary Atresia; *Commentary*. 7ed. *Masters of Surgery*. Illinois: Wolters Kluwer. 2018 (Publication Pending)
9. **Deans KJ**. Gastrointestinal Bleeding. In: Mattei P, 2ed. *Fundamentals of Pediatric Surgery*. New York: Springer. 2016:487-492.
- 10.

#### **POTENTIAL PUBLICATIONS UNDER REVIEW**

1. Halleran, DR, Lopez J, Lawrence AE, Leonhart, KL, Sebastião YV, Fischer BA, Cooper JN, Minneci PC, **Deans KJ**. Recurrence of pilonidal disease; our best is not good enough. *J Surg Res* (submitted)
2. Bauer E, Mahida JB, Boomer LA, Cooper JN, Lutmer JE, Minneci PC, **Deans KJ**, Elmaraghy CA. Outcomes following neuromuscular blockade in children undergoing tracheostomies. *JAMA Otolaryngology*. (submitted)
3. Gonzalez DO, Sebastião YV, Cooper JN, Reck C, Levitt ME, Wood RJ, Minneci PC, **Deans KJ**. Engaging families through shared knowledge: RCT of open access to a rapid learning healthcare system. *JAMA Pediatrics* (under review)
4. Papandria D, Sebastião YV, **Deans KJ**, Diefenbach KA, Minneci PC. Examination of length of stay following common procedures in ACS-NSQIP Pediatric. *J Surg Res* (under review)
5. Lodwick DL, Cooper JN, Kelleher KJ, Minneci PC, **Deans KJ**. Institutional and patient factors affecting emergency department computed tomography use in children. *Global Pediatric Health*. 2018(under review)

6. Lal DR, Gadepalli SK, Downard CD, Minneci PC, Knezevich M, Chelius TH, Rapp CT, Billmire D, Bruch S, Burns RC, **Deans KJ**, Fallat ME, Fraser JD, Grabowski J, Hebel F, Helmrath M, Hirschl RB, Kabre R, Kohler J, Landman MP, Leys CM, Mak GZ, Ostlie DJ, Raque J, Rymeski B, Saito JM, St Peter SD, Warner BW, Sato TT, on behalf of the Midwest Pediatric Surgery Consortium. Characteristics and outcomes of infants with esophageal atresia and right aortic arch: Outcomes from the Midwest Pediatric Surgery Consortium. *J Ped Surg.* (under review)
7. Lodwick DL, Cooper JN, Gonzalez DO, Lawrence AE, Choonsik L, Krishnamurthy R, Minneci PC, **Deans KJ**. Disparities in radiation burden from trauma evaluation at pediatric vs. non-pediatric institutions. *J Surg Res.* (under review)
8. Akande M, Minneci PC, **Deans KJ**, Xiang H, Chisolm D, Cooper JN. Effects of Medicaid Expansion on Racial/Ethnic and Socioeconomic Disparities in Trauma Care and Outcomes in Young Adults. (under review)
9. Downard CD, Minneci PC, Knezevich M, Chelius TH, Rapp CT, Billmire D, Bruch S, Burns C, **Deans KJ**, Fallat ME, Fraser JD, Grabowki J, Hebel F, Helmrath MA, Birschl RB, Kabre R, Kohler J, Landman MP, Leys CM, Mak GZ, Ostlie DJ, Raque J, Rymeski B, Saito JM, St. Peter SD, Characteristics and outcomes of infants with esophageal atresia and right aortic arch: Outcomes from the Midwest Pediatric Surgery Consortium. *J Surg Res.*(under review)
10. Jones MC, Tscholl J, Cooper J, Leonhart K, **Deans KJ**, Thackeray J. The Pediatric Provider's Approach to the Sexual Health of Fostered Adolescents. (under review)
11. Lawrence AE, Minneci PC, **Deans KJ**, Quon-Kelly LI, Cooper JN. Relationships between hospital and surgeon operative volumes and outcomes of esophageal atresia/trachoesophageal fistula repair. (submitted)

### ***Radio and Television***

1. Minneci PC, **Deans KJ**, "Appendicitis" WXDE, Lewes, DE (DMA#143) December 16,2015
2. Minneci PC, **Deans KJ**, "Appendicitis" WHAM-AM, Rochester, NY (DMA#78) December 16,2015
3. Minneci PC, **Deans KJ**, " Appendicitis" WTVN-AM, Columbus, OH (DMA#32) December 16,2015
4. Minneci PC, **Deans KJ**, "New Study Could Change the Way Doctors Treat Appendicitis", NBC Nightly News, December 15,2015.  
<http://www.nbcnews.com/nightly-news/video/new-study-could-change-the-way-doctors-treat-appendicitis-587261507815>

5. Minneci PC, **Deans KJ**, “Appendicitis Treatment”, Channel 6 News, December 15, 2015.  
<https://www.igmediacorp.com/ClipPlayer/?ClipID=961829ba-af1d-4bc3-8a5f-674e93882eb7>
6. Minneci PC, **Deans KJ**, “ Appendicitis” KTRH-AM, Houston, TX (DMA#10) December 16,2015
7. Minneci PC, **Deans KJ**, “ Appendicitis Treatment” WBZ-AM, Boston, MA (DMA#7) December 16,2015
8. Minneci PC, **Deans KJ**, “Appendicitis” WWJ-AM, Detroit, MI(DMA#12) December 16,2015
9. Minneci PC, **Deans KJ**, “Appendicitis Treatment”, WOR-AM, New York(DMA#1). December 16, 2015
10. Minneci PC, **Deans KJ**, “Appendicitis”, WCBS-NY, New York ( DMA#1) December 16,2015
11. Minneci PC, **Deans KJ**, “Appendicitis”, WBBM-AM, Chicago, IL (DMA#3) December 16, 2015.
12. Minneci PC, **Deans KJ**, “ Appendicitis” KRLD-AM, Dallas, TX (DMA#5) December 16, 2015
13. Minneci PC, **Deans KJ**, “Appendicitis Treatment” WMEX-AM, Boston, MA (DMA# 7) December 16, 2015

***Multimedia/Database/Website***

1. Minneci PC, **Deans KJ**. “Antibiotics alone are a successful treatment of uncomplicated acute appendicitis in children”, Healthcanal.com, April 14, 2014
2. Minneci PC, **Deans KJ**. “Antibiotics effective treatment for uncomplicated acute appendicitis without surgery”, Infection Disease in Children/Health Pediatrics News Online, April 21, 2014
3. Minneci PC, **Deans KJ**. “No surgery for uncomplicated acute appendicitis”, ContemporaryPediatrics.com, April 24, 2014
4. **Deans KJ**, Minneci PC. “Non-Cardiac Surgeries for CDH Patients Vary Substantially by Institution”. Pediatrics Online, Nationwide Children’s Hospital, March 2015



5. **Deans KJ**, Minneci PC, “Involving stakeholders boosts clinical trial participation: stakeholder involvement in clinical trial design leads to greater recruitment and retention rates”. February 2016 Pediatrics Online, Nationwide Children’s Hospital.  
[http://pediatricsnationwide.org/2016/02/10/involving-stakeholders-boosts-clinical-trial-participation/?utm\\_campaign=shareaholic&utm\\_medium=email\\_this&utm\\_source=email](http://pediatricsnationwide.org/2016/02/10/involving-stakeholders-boosts-clinical-trial-participation/?utm_campaign=shareaholic&utm_medium=email_this&utm_source=email)
6. Minneci PC, **Deans KJ**. “Effectiveness of non-operative management of appendicitis. Physician’s Weekly 2016.
7. Minneci PC, **Deans KJ**, “Patient involvement: what is it, and why does it matter?”, January 2016. <http://www.medicalnewstoday.com/articles/305702.php>
8. Minneci PC, **Deans KJ**, “ Antibiotics alone can be a safe, effective treatment for children with uncomplicated appendicitis, January 2016, PediatricsOnline, Nationwide Children’s Hospital.
9. Minneci PC, **Deans KJ**. “New tools help patients make tough decisions in the ER”. The Wall Street Journal. April 2016.  
<http://www.wsj.com/articles/new-tools-help-patients-make-tough-decisions-in-the-er-1461608262>
10. Minneci PC, **Deans KJ**. Future studies on non-operative management of appendicitis. Pediatrics. March 22,2017  
<http://pediatrics.aappublications.org/content/139/3/e20163003>
11. **Deans KJ**, “Reducing radiation exposure in children. Columbus Monthly Magazine. July 2017.
12. Minneci PC, **Deans KJ**. Future studies on non-operative management of appendicitis. *Pediatrics*. 2017. *Comment*  
<http://pediatrics.aappublications.org/content/139/3/e20163003>
13. Gonzalez DO, **Deans KJ**, Hewitt G. Specialist collaborate to improve ovary preservation. Winter/Fall 2017 Pediatrics Online, Nationwide Children’s Hospital.

### ***National Press***

1. **Deans KJ**, Minneci PC. “Appendicitis without surgery may be safe option for some kids”, Thomas Reuters Health Study/Multimedia News Agency, April 22, 2014
2. **Deans KJ**, Minneci PC. “Antibiotics instead of surgery for appendicitis in children” The Washington Post online, April 28, 2014
3. **Deans KJ**, Minneci PC. “I’ve read that surgery may not be the only way to treat appendicitis. What do I need to know about treating appendicitis with antibiotics?”, Columbus Parent Magazine, September 2014

4. **Deans KJ**, Minneci PC. “Antibiotic could replace some appendectomies”, ThisWeek Newspaper, September 2014
5. **Deans KJ**, Minneci PC. “Treating appendicitis without surgery”, New York Times online, April 25, 2015
6. Minneci PC, **Deans KJ**. “Engaging patients and other stakeholders in PCORI research projects”, PCORI online, November 20,2015
7. Minneci PC, **Deans KJ** “Surgeons debate patient input in appendicitis management.”, General Surgery News, January 2018  
<https://www.generalsurgerynews.com/In-the-News/Article/02-18/Surgeons-Debate-Patient-Input-In-Appendicitis-Management/46618>

***Abstract and Short Entries (All Entries Peer Reviewed/Published)***

1. Yehya N, Dominick CL, Topjian AA, Davis AS, Daniela H, Cullen JA, Minneci PC, **Deans KJ**, McCloskey JJ, Kilbaugh TJ. High frequency percussive ventilation as an adjunct to pulmonary toilet while on extracorporeal support. 29<sup>th</sup> Annual CNMC Symposium ECMO & the Advanced Therapies for Respiratory Failure. Keystone, Colorado. February 2013. A22.
2. Sulkowski JP, Preston TJ, Cooper JN, **Deans KJ**, Chicoine L, Minneci PC. Measures of anticoagulation during ECMO: Which parameter to follow? 29<sup>th</sup> Annual CNMC Symposium ECMO & the Advanced Therapies for Respiratory Failure. Keystone, Colorado. February 2013. A49.
3. Sulkowski JP, **Deans KJ**, Pearson EG, Connelly JT, Rintoul N, Kilbaugh TJ, Cooper JN, Minneci PC. Hemolysis associated nitric oxide dysregulation: A potential mechanism of disease during ECMO? 29<sup>th</sup> Annual CNMC Symposium ECMO & the Advanced Therapies for Respiratory Failure. Keystone, Colorado. February 2013. A48. February 2013. A48.
4. Behar B, Minneci PC, Kilbaugh TJ, Hedrick HL, **Deans KJ**. Variables associated with increased mortality on pediatric patients requiring Extracorporeal Life Support for a primary diagnosis of pneumonia. 26<sup>th</sup> Annual CNMC Symposium: ECMO & the Advanced Therapies for Respiratory Failure. 2010. A55.
5. Minneci PC, **Deans KJ**, Yu EA, et al. Correlation of protein and gene expression in a rat heart transplant model of acute cellular rejection. Am J Transplant. 2005(4 Suppl):A
6. **Deans KJ**, Minneci PC, Banks SM, et al. The Development of a Ventilated Canine Model of Septic Shock. Crit Care Med. 2004;32(Suppl):A135

7. Minneci PC, **Deans KJ**, Zhi H, et al. Hemolysis-Endothelial Dysfunction Syndrome: A Novel Paradigm of Disease Mechanism. *Blood*. 2004;104:861A.
8. **Deans KJ**, Minneci PC, Hergen AE, et al. Time-dependent changes in gene expression in a rat cardiac transplant model. *Am J Transplant*. 2004;4 (Suppl 8):308(A546).
9. **Deans KJ**, Minneci PC, Hergen AE, et al. Gene expression profiles in a rat heart transplant model of acute cellular rejection. *Am J Transplant*. 2004;8 (Suppl 4):308(A545).
10. **Deans KJ**, Minneci PC, Banks SM, et al. Coronary Artery Bypass Grafting without Cardiopulmonary Bypass Increases Survival Rate and Decreases Morbidity: A Meta-analysis. *J Am Coll Cardiol*. 2004; 43:268A.
11. Minneci PC, **Deans KJ**, Banks SM, et al. Effects of Epinephrine, Norepinephrine, and Vasopressin on Survival Rates in a Canine Model of Septic Shock. *Crit Care Med*. 2003; 31(Suppl):A47.
12. Minneci PC, **Deans KJ**, Banks SM, Eichacker PQ, Natanson C. Dose Dependent Effects of Steroids on Survival Rates and Shock during Sepsis: A Meta-analysis. *Crit Care Med*. 2003; 31(Suppl):A20.

## PRESENTATIONS

### *Local*

1. **Deans KJ**. Invited Speaker. Practice Misalignments in Clinical Trials. Department of Anesthesiology Grand Rounds, New York Presbyterian Hospital-Columbia University College of Physicians and Surgeons, Columbia, NY, December 2, 2010
2. **Deans KJ**. Invited Speaker. Hirschsprung's Disease: Diagnosis and Operative Management. Division of Gastroenterology Invited Fellows Conference, Nationwide Children's Hospital, Columbus, OH, April 2012
3. **Deans KJ**. Invited Speaker. Surgical Outcomes Committee, Engaging Stakeholders in Patient Centered Outcomes Research, January 2014, Nationwide Children's Hospital, Columbus, OH
4. **Deans KJ**. Invited Speaker. Developing Collaborative Relationships. PC-PReP Seminar. Nationwide Children's Hospital, Columbus, OH, April 2014
5. **Deans KJ**. Invited Speaker. Non-Operative Management of Uncomplicated Appendicitis in Children and the Patient Activation Tool. Children's Practicing Physicians Board Meeting, Nationwide Children's Hospital, Columbus, OH, March 12, 2014

6. **Deans KJ.** The Use of a Rapid Learning Healthcare System to Study Outcomes in Pediatric Colorectal Surgery. 2014 Pelvic Colorectal, Motility and Pelvic Reconstruction Conference. Nationwide Children's Hospital, Columbus, OH, November 12-14, 2014
7. **Deans KJ.** Invited Speaker "How Much is Too Much? Measuring Radiation Exposure from Medical Imaging In Children" Department of Surgery Grand Rounds, Columbus, OH, November 2015
8. **Deans KJ,** Minneci PC. Invited Speaker "Appendicitis and Shared Decision Making" Pediatric Grand Rounds, Nationwide Children's Hospital, Columbus, OH, February 25, 2016
9. **Deans KJ,** Minneci PC, Invited Speaker. The Value of Listening. Research Board Meeting. Nationwide Children's Hospital. Columbus, Ohio. August 30, 2016
10. Minneci PC, **Deans KJ,** Invited Speaker. Acute Appendicitis. Board of Directors Meeting. Nationwide Children's Hospital. Columbus, Ohio. October 28, 2016
11. **Deans KJ,** Invited Lecturer. NIH, AHRQ, PCORI and Other Grant Opportunities for Physician Scientist. Career Development for Surgeons. The Ohio State University, Department of Surgery. May 15, 2017

#### *State*

1. **Deans KJ.** Invited Faculty. Non-operative Management of Uncomplicated Appendicitis in Children. Ohio Chapter of the American College of Surgeons Annual Meeting. Cleveland, OH, May 2014

#### *National*

1. **Deans KJ.** Invited Faculty. American Academy of Pediatric Section on Surgery. Academic Careers in Clinic Research. San Diego, CA, October 2014
2. **Deans KJ.** Invited Faculty. 2014 ACS Clinical Congress. Little Kids with Big Injuries. San Francisco, CA, October 2014
3. **Deans KJ.** Invited Faculty. 2015 ACS Clinical Congress. Patient-Centered Outcomes Research: What Is It and How To Do It. Chicago, IL, October 2015
4. **Deans KJ.** Invited Speaker. PCORI at ACS Clinical Congress. Successful Use of Patient Engagement to Improve Enrollment and Retention. Washington, DC, October 2015
5. **Deans KJ.** Invited Faculty. American Academy of Pediatric Section on Surgery. Pediatric Surgery Trainee Conference. Clinical/Outcomes/Translational-Finding Your Clinical/Research Scholarly Niche. San Diego, CA, October 2015

6. **Deans KJ.** Invited Speaker. Templeton Trauma Symposium. Case Presentation-Perineal Trauma-When to Worry and How to Proceed. Philadelphia, PA, March 2016
7. **Deans KJ.** Invited Speaker. Templeton Trauma Symposium. The Importance of Hospital Based Screening Tools in Early Identification of Child Maltreatment. Philadelphia, PA, March 2016
8. **Deans KJ.** Invited Speaker. 2016 Annual Meeting of the Surgical Outcomes Club. Designing Research That Incorporates Patient Reported Outcomes. Washington, DC. October 2016
9. **Deans KJ.** Invited Speaker. 2016 American Pediatric Surgical Association Education Day. Screening Tools for Non-Accidental Trauma. San Diego, CA. May 2016
10. **Deans KJ.** Invited Speaker. 2016 American Pediatric Surgery Managers Association. How much is Too Much? Measuring Radiation Exposure from Medical Imaging in Children. San Diego, CA. May 2016
11. **Deans KJ.** Invited Speaker. 2016 Surgical Outcomes Club Annual Meeting. Designing Research That Incorporates Patient Reported Outcomes. Washington DC. October 2016.
12. **Deans KJ.** Invited Speaker. 2016 AMIA 2016 Annual Symposium. Using PEDSnet Data to Conduct an Observational Study on Radiation Dosage. Chicago, IL. November 2016.
13. **Deans KJ.** Invited Speaker. 2017 Annual American College of Surgeons. Pelvic Masses in the Pediatric Population. San Diego CA, October 2017.
14. **Deans KJ,** Invited Speaker. 2017 Surgical Grand Rounds. Rady Children's Hospital, San Diego, CA. October 2017.
15. **Deans KJ,** Invited Speaker. 2017 ACS Trauma Quality Improvement (TQIP), Chicago, IL. November 2017.
16. **Deans KJ,** Invited Speaker. 2018 The Central Surgical Association Surgical Meeting. Laser Hair Removal to Decrease Pilonidal Recurrence in Adolescents: From Observation to RCT. March 15, 2018.
17. **Deans KJ.** Invited Speaker. 2018 CHCO Surgical Research Conference, Aurora, CO. April 2018.

### ***International***

1. **Deans KJ.** Invited Faculty. South African Paediatric Association and South African Association for Paediatric Surgeons Congress 2014. Capetown, South Africa, September 2014

2. **Deans KJ.** Invited Speaker. PCOR at ACS Clinical Congress. Successful Use of Patient Engagement to Improve Enrollment and Retention. Washington, DC, October 2015
3. **Deans KJ.** Moderator. 2015 ACS Clinical Congress. Current Controversies Encountered in the Management of Appendicitis in Children. Chicago, IL, October 2015
4. **Deans KJ.** Invited Speaker. 2017 Annual American College of Surgeons. San Diego CA, Shared decision making for treatment of uncomplicated appendicitis. October 2017.
5. **Deans KJ.** Co-Moderator. 2017 Annual American College of Surgeons. San Diego CA, Pelvic Masses in the Pediatric Population. October 2017.

## SCHOLARLY PRESENTATIONS

1. Kilbaugh TJ, Topjian AA, Chandler HK, Hedrick HL, McCloskey JM, **Deans KJ.** Influenza A (H1N1) and MRSA acute respiratory distress syndrome and cardiogenic shock supported with Extracorporeal Membrane Oxygen and Plasmapheresis. 26th Annual CNMC Symposium: ECMO & the Advanced Therapies for Respiratory Failure, Keystone, CO, February 2010.
2. Behar B, Minneci PC, Kilbaugh TJ, Hedrick HL, **Deans KJ.** Variables associated with increased mortality on pediatric patients requiring Extracorporeal Life Support for a primary diagnosis of pneumonia. 26<sup>th</sup> Annual CNMC Symposium: ECMO & the Advanced Therapies for Respiratory Failure, Keystone, CO, February 2010.
3. Santore M, Behar BJ, Flake AW, **Deans KJ.** Laparoscopic hepaticoduodenostomy for choledochal cyst excision and reconstruction. American Pediatric Surgical Association Annual Meeting, Orlando, FL, May 2010.
4. **Deans KJ,** Askegard-Giesmann JR, Groner JI, Minneci PC. Mortality increases with repeated episodes of non-accidental trauma in children. Central Ohio Trauma System Trauma Research Symposium. Columbus, OH, May 2012. Podium Presentation
5. **Deans KJ,** Cooper JN, Groner JI, Thackeray J, Minneci PC. Predictors of Increasing Injury Severity across Suspected Recurrent Episodes of Non-accidental Trauma. Central Ohio Trauma System Trauma Research Symposium. Columbus, OH, May 2012. Podium Presentation.
6. Sulkowski JP, Minneci PC, Asti LA, **Deans KJ.** Discrepancies between a Pediatric Health Information System cohort and an institutional cohort for esophageal atresia. 2012 American Pediatric Surgical Association Annual Meeting. San Antonio, TX, May 2012
7. Rice-Townsend S, Bachur RG, Gawander A, Raval MV, Callahan MJ, Barnes J, Abdullah F, Chen C, Moss RL, Barnhart DC, **Deans KJ,** Rangel SJ. Discharge From the ED After Enema Reduction of Intussusception: Is It a Safe and Cost-Effective Strategy?

2012 American Academy of Pediatrics National Conference and Exhibition, Boston, MA, October 2012.

8. Sulkowski JP, **Deans KJ**, Pearson EG, Connelly JT, Rintoul N, Kilbaugh TJ, Cooper JN, Minneci PC. Hemolysis associated nitric oxide dysregulation: A potential mechanism of disease during ECMO? 29<sup>th</sup> Annual CNMC Symposium ECMO & the Advanced Therapies for Respiratory Failure. Keystone, CO. February 2013, February 2013.
9. Sulkowski JP, Preston TJ, Cooper JN, **Deans KJ**, Chicoine L, Minneci PC. Measures of anticoagulation during ECMO: Which parameter to follow? 29<sup>th</sup> Annual CNMC Symposium ECMO & the Advanced Therapies for Respiratory Failure. Keystone, CO, February 2013.
10. Yehya N, Dominick CL, Topjian AA, Davis AS, Daniela H, Cullen JA, Minneci PC, **Deans KJ**, McCloskey JJ, Kilbaugh TJ. High frequency percussive ventilation as an adjunct to pulmonary toilet while on extracorporeal support. 29<sup>th</sup> Annual CNMC Symposium ECMO & the Advanced Therapies for Respiratory Failure. Keystone, CO, February 2013.
11. Tsai J, Minneci PC, Sulkowski JP, Cooper J, **Deans KJ**. Decreased sensitivity and positive predictive value of US findings in the diagnosis of pediatric cholecystitis. 2013 Academic Surgical Congress. New Orleans, LA, February 2013.
12. **Deans KJ**, Thackeray JD, Cooper JN, Minneci PC. Patterns and risk factors for recurrent injuries in victims of suspected non-accidental trauma. 2013 annual Meeting of the Ray Helfer Society. Sonoma, CA, April 2013.
13. Boomer LA, Cooper JN, **Deans KJ**, Minneci PC, Leonhart K, Diefenbach K, Kenney BD, Besner GE. Does delay in appendectomy affect surgical site infection in children with appendicitis? 18<sup>th</sup> Annual Surgical Research Conference, Department of Surgery, The Ohio State University College of Medicine. Columbus, OH, May 2013.
14. Boomer LA, Kurtovic K, **Deans KJ**, Minneci PC, Aldrink J, Nwomeh B, Diefenbach K, Kenney B. Simplifying Simple Appendicitis: Implementation of a Same Day Discharge Protocol. 2013 American Pediatric Surgical Association Annual Meeting. Marco Island, FL, May 2013
15. **Deans KJ**, Thackeray JD, Cooper JN, Minneci PC. Patterns and risk factors for recurrent injuries in victims of suspected non-accidental trauma. 2013 Pediatric Academic Societies Annual Meeting. Washington, DC. May 2013
16. **Deans KJ**, Cooper JN, Rangel SJ, Raval MV, Minneci PC, Moss RL. Enhancing NSQIP- Pediatric through integration with the Pediatric Health Information System. 2013 American Pediatric Surgical Association Annual Meeting. Marco Island, FL, May 2013.

17. Cooper JN, Sulkowski JP, **Deans KJ**, Minneci PC. Approaches to Estimate Between- and Within-Subject Correlation Coefficients in Longitudinal Repeated-Measures Studies. Joint Statistical Meetings. Montreal, Quebec, Canada, August 2013.
18. Minneci PC, Sulkowski JP, Nacion KM, Cooper JN, Moss RL, **Deans KJ**. Non-operative management of early acute appendicitis in children: 30 day results from a prospective clinical study. American Academy of Pediatrics National Conference. Orlando, FL, October 2013.
19. Boomer LA, Cooper JN, **Deans KJ**, Minneci PC, Leonhart K, Diefenbach KA, Kenney BD, Besner GE. Does delay in appendectomy affect surgical site infection in children with appendicitis? American Academy of Pediatrics National Conference. Orlando, FL, October 2013.
20. Sulkowski JP, Cooper JN, Congeni A, Pearson EG, Nwomeh BC, Doolin EJ, Blakely M, Minneci PC, **Deans KJ**. Single Stage versus Multi-Stage pull-through for neonatal Hirschsprung's Disease: Practice trends and outcomes. American Academy of Pediatrics National Conference. Orlando, FL, October 2013.
21. Garton K, Cooper JN, Minneci PC, Groner JI, Thackeray J, **Deans KJ**. A national survey on the use of screening tools to detect physical child abuse. American Academy of Pediatrics National Conference. Orlando, FL, October 2013.
22. Garton K, Cooper JN, Minneci PC, Groner JI, Thackeray J, **Deans KJ**. A national survey on the use of screening tools to detect physical child abuse. American Academy of Pediatrics National Conference. Orlando, FL, October 2013.
23. Kurtovic KJ, Boomer LA, **Deans KJ**, Minneci PC, Diefenbach KA, Nwomeh BC, Aldrink JH, Kenney BD: Simplifying Simple Appendicitis: Same Day Discharge after Appendectomy. 19th Annual International Scientific Symposium on Improving Quality and Value in Health Care, Orlando, FL, December 2013. Oral Presentation
24. Sulkowski JP, Cooper JN, Lopez JJ, Jadcherla Y, Cuenot A, **Deans KJ**, Minneci PC. Morbidity and Mortality in Patients with Esophageal Atresia – A Multi-Institutional Cohort Study. Academic Surgical Congress. San Diego, CA, February 2014.
25. Mahida J, Asti L, Pepper V, **Deans KJ**, Minneci P, Diefenbach K. Comparison of 30-day outcomes between thoracoscopic and open lobectomy for congenital pulmonary lesions. IPEG's 23rd Annual Conference, Edinburgh, Scotland, July 2014.
26. Schober MS, Sulkowski JP, Teich S, **Deans KJ**, Minneci PC, Alpert S. Pediatric Sacral Neuromodulation for Refractory Bladder Dysfunction. International Children's Continence Society Joint Meeting. Australia, September 2014.



27. Mahida J, Sulkowski JP, Kurtovic BS, Cooper JN, Kenney BD, **Deans KJ**, Minneci PC. Using Quality Improvement Methods to Change Surgical Practice: A Case Example of Pediatric Soft Tissue Abscesses. Academic Surgical Congress. San Diego, CA, February 2014.
28. Boomer LA, Kurtovic K, **Deans KJ**, Minneci PC, Diefenbach KA, Nwomeh BC, Aldrink JH, Kenney BD. Clinical goal directed protocol for post-operative management of complicated appendicitis improves quality of care. Academic Surgical Congress. San Diego, CA, February 2014.
29. Sulkowski JP, Asti L, Cooper JN, Kenney BD, Raval MV, Rangel SJ, **Deans KJ**, Minneci PC. Morbidity Associated with Use of Peripherally Inserted Central Catheters in the Management of Complicated Appendicitis in Children. Academic Surgical Congress. San Diego, CA, February 2014.
30. Sulkowski JP, Cooper JN, Pearson EG, Connelly JT, Rintoul N, Kilbaugh T, **Deans KJ**, Minneci PC. Hemolysis-associated nitric oxide dysregulation during ECMO: does it matter clinically? 30<sup>th</sup> Annual CNMC Symposium ECMO & the Advanced Therapies for Respiratory Failure. Keystone, CO, February 2014.
31. **Deans KJ**, Minneci P, Cooper J, Nacion M, Leonhart K, Chisolm D, Kelleher K, Scholle S. Electronic Health Record Based Measures of Health Care Quality in Young Children in Foster Care. 2014 Pediatric Academic Societies and Asian Society for Pediatric Research Joint Meeting. Philadelphia, PA, March 2014.
32. **Deans KJ**, Cooper JN, Rangel SJ, Raval MV, Minneci PC, Moss LR: Enhancing NSQIP-Pediatric through integration with the Pediatric Health Information System. Children's Hospital Association PHIS Journal Club Webcast, March, 2014. Oral Presentation
33. Sulkowski JP, Cooper JN, Duggan EM, Balci O, Anandalwar S, Blakely ML, Heiss K, Rangel S, **Deans KJ**, Minneci PC. Timing of Ladd's procedure in patients with critical congenital heart disease. 2014 American Pediatric Surgical Association Annual Meeting. Phoenix, AZ, May 2014.
34. Minneci PC and **Deans KJ**: Non-operative Management of Uncomplicated Appendicitis in Children. Ohio Chapter of the American College of Surgeons Annual Meeting Cleveland, OH, May 2014. Podium Presentation
35. Sulkowski JP, Cooper JN, Duggan EM, Balci O, Anandalwar S, Blakely ML, Heiss K, Rangel S, Minneci PC, **Deans KJ**. Early versus delayed repair for neonatal inguinal hernia. 2014 American Pediatric Surgical Association Annual Meeting. Phoenix, AZ, May 2014.
36. Cooper JN, Wei L, Fernandez S, Minneci PC, **Deans KJ**. Pre-operative prediction of surgical morbidity in children. Women in Statistics Conference 2014. Cary, NC, May 2014.

37. **Deans KJ**, Minneci PC, Cooper JN, Nacion KM, Leonhart K, Chisolm D, Kelleher K, Scholle SH: Electronic Health Record Based Measures of Health Care Quality in Young Children in Foster Care. Pediatric Academic Societies Meeting, Vancouver, British Columbia, May, 2014. Poster Presentation
38. Cooper JN, Wei L, Fernandez S, Minneci PC, **Deans KJ**. Pre-operative prediction of surgical morbidity in children. Annual Society of Epidemiologic Research Meeting. Seattle, WA, June 2014.
39. **Deans KJ**, Minneci PC, Cooper JN, Nacion KM, Leonhart K, Chisolm D, Kelleher K, Scholle SH: Electronic Health Record Based Measures of Health Care Quality in Young Children in Foster Care. Academy Health Annual Research Meeting, San Diego, CA, June, 2014. Poster Presentation.
40. Mahida JB, Asti L, Cooper JN, Kenney BD, Governale LS, Grondin RT, **Deans KJ**, Minneci PC. Predictors of Ventriculoperitoneal Shunt Failure in Children. 2014 American College of Surgeons National Surgical Quality Improvement Program National Conference. New York, NY, July 2014.
41. Mahida JB, Asti L, Cooper JN, Kenney BD, Governale LS, Grondin RT, **Deans KJ**, Minneci PC. Differences in Patient Characteristics and Outcomes between Initial and Repeat Ventriculoperitoneal Shunt Placement. 2014 American College of Surgeons National Surgical Quality Improvement Program National Conference. New York, NY, July 2014.
42. Raval MV, Kurtovic K; Dietrich A, Bates D, Rangel SJ, Moss EL, Minneci PC, **Deans KJ**, Kenney BD. Improving Quality and Efficiency for Intussusception Management Through a Multidisciplinary Effort to Discharge After Successful Enema Reduction. American Academy of Pediatrics National Meeting. San Diego, CA, October 2014.
43. Minneci PC, Sulkowski JP, Nacion KM, Mahida JB, Cooper JN, Moss RL, **Deans KJ**. Antibiotics alone as an alternative therapy for uncomplicated pediatric appendicitis. 2014 American College of Surgeons Clinical Congress. San Francisco, CA, October 2014.
44. Mahida JB, Sitapara JA, **Deans KJ**, Minneci PC, Elmaraghy CA, Lind MM. Hearing outcomes in pediatric patients with recreational vehicle related forceful head impact. American Society of Pediatric Otolaryngology. Las Vegas, NV, May 2014.
45. Mahida JB, Asti L, **Deans KJ**, Minneci PC, Beebe AC, Kenney BD. Association between Obesity and 30-day Outcomes for Spinal Arthrodesis in Children. North American Spine Society 29th Annual meeting. San Francisco, CA. November 2014.
46. Asti L, Mahida JB, **Deans KJ**, Minneci PC, Groner JI, Raval MV. Pediatric motorized vehicle (MRV) injuries in children: Are organized events (OE) safer? 1st annual meeting for the Pediatric Trauma Society. Chicago, IL, November 14-15, 2014. Oral Presentation.

47. Minneci PC, Thackeray JT, Cooper JN, Groner JI, **Deans KJ**. Predictors of increasing injury severity across suspected recurrent episodes of non-accidental trauma. 1st annual meeting for the Pediatric Trauma Society, Chicago, IL, November 14-15, 2014. Oral Presentation.
48. Mahida J, Asti L, **Deans KJ**, Minneci P, Nwomeh B. 30-day Outcomes of Laparoscopic and Open Intestinal Resection for Pediatric Crohn's Disease. 10th Annual Academic Surgical Congress. Las Vegas, NV, February 2015.
49. Mahida J, Sulkowski J, Cooper J, King A, **Deans KJ**, Minneci P, King D. Using Preoperative Imaging to Predict Symptom Improvement in Children with Biliary Dyskinesia. 10th Annual Academic Surgical Congress. Las Vegas, NV, February 2015.
50. Mahida J, Cooper J, Herz D, Diefenbach K, **Deans KJ**, Minneci P, McLeod D. Analysis of Trends Associated with Robotic-Assisted Surgery in Free Standing Children's Hospitals. 10th Annual Academic Surgical Congress. Las Vegas, NV, February 2015.
51. Mahida J, Asti L, **Deans KJ**, Minneci P, Nwomeh B. Pediatric Ulcerative Colitis: Comparison of 30-day outcomes for laparoscopic and open colectomy. 10th Annual Academic Surgical Congress. Las Vegas, NV, February 2015.
52. Lane V, Wood R, Thakkar R, **Deans KJ**, Minneci P, Levitt M. Rectal Atresia: Video Presentation. American Pediatric Surgical Association 46th Annual Meeting. Fort Lauderdale, FL, April 30 - May 3, 2015.
53. Minneci P, Nacion K, Cooper J, Lane V, Wood R, Lo G, Hoff L, Huang Y, Lin S, Levitt M, **Deans KJ**. Development of a Pediatric Colorectal Rapid Learning Healthcare System. American Pediatric Surgical Association 46th Annual Meeting. Fort Lauderdale, FL, April 30 - May 3, 2015.
54. Mahida JB, Asti LA, Ferrel JR, **Deans KJ**, Minneci PC, Beebe AR, Kenney BD. Association between obesity and 30-day outcomes for spinal arthrodesis in children. Pediatric Orthopedic Society of North America. Atlanta, GA, April 2015.
55. Ferrel JR, Mahida JB, Asti LA, **Deans KJ**, Minneci PC, Beebe AR, Kenney BD. Association between obesity and 30-day outcomes for spinal arthrodesis in children. Mid-American Orthopedic Association. Hilton Head, SC, April 2015.
56. Mahida JB, Asti L, **Deans KJ**, Minneci PC, Groner JI. Laparoscopic Pyloromyotomy Decreases Postoperative Length of Stay in Children with Hypertrophic Pyloric Stenosis. American College of Surgeons NSQIP Annual Meeting, Chicago, IL, July 25-28, 2015. Poster Presentation.

57. Mahida JB, Asti L, Boss EF, Shah RK, **Deans KJ**, Minneci PC, Jatana KR. 30-day outcomes using NSQIP: Tracheostomy in children less than 2 years old. American College of Surgeons NSQIP Annual Meeting, Chicago, IL, July 25-28, 2015. Poster Presentation.
58. Boomer LA, Coper JN, Ostlie D, Leys CM, Rangel S, Mattei P, Sharp SW, St. Peter SD, Rodriguez JR, Besner GE, **Deans KJ**, Minneci PC Delaying Appendectomy Does Not Lead to Higher Rates of SSIs: A Multi-institutional Analysis of Children with Appendicitis. American College of Surgeons NSQIP Annual Meeting, Chicago, IL, July 25-28, 2015. Poster & Podium Presentation.
59. Lodwick DL, Cooper JN, Kelleher K, Minneci PC, **Deans KJ**. Hospital Factors Associated with Computed Tomography Imaging during Pediatric Emergency Department Visits. American Academy of Pediatrics National Conference and Exhibition. Washington, DC, October 24-27, 2015. Poster Presentation.
60. Lal D, Gadepalli S, Downard C, Ostlie D, Swedler R, Cassidy L, Sato T, **Deans KJ**, Minneci PC. on behalf of the Midwest Pediatric Surgery Consortium. Variation in Perioperative Management and Outcomes of Esophageal Atresia and Tracheoesophageal Fistula Repair: Results from the Midwest Pediatric Surgery Consortium. American Academy of Pediatrics National Conference and Exhibition. Washington, DC, October 24-27, 2015. Oral Presentation.
61. Lane VA, Nacion KM, Cooper JN, Levitt M, **Deans KJ**, Minneci PJ. Determinants of Quality of Life in Children Treated in a Surgical Center for Colorectal Diseases. American Academy of Pediatrics National Conference and Exhibition. Washington, DC, October 24-27, 2015. Poster Presentation.
62. Lane VA, Leonhart KL, Nacion KM, Ambeba E, Minneci PC, Levitt MA, Chisolm DJ, **Deans KJ**. Development of a Burden of Therapy Survey for the Pediatric Patient with Fecal Incontinence and Constipation. American Academy of Pediatrics National Conference and Exhibition. Washington, DC, October 24-27, 2015. Poster Presentation.
63. Lodwick DL, Cooper JN, Kelleher KJ, Minneci PC, MD, **Deans KJ**. A Novel Method to Measure Patient Level Radiation Exposure in Children. American Academy of Pediatrics National Conference and Exhibition. Washington, DC, October 24-27, 2015. Oral Presentation.
64. Mahida JB, Nacion NM, Lodwick DL, Leonhart KL, Cooper JN, **Deans KJ**, Minneci PC. High Failure Rate of Non-Operative Management of Acute Appendicitis with an Appendicolith in Children. American Academy of Pediatrics National Conference and Exhibition. Washington, DC, October 24-27, 2015. Poster Presentation.

65. Jones MC, Tscholl J, Cooper JN, Leonhart K, **Deans KJ**, Thackeray J. Pediatric Provider's Approach to the Sexual Health of the Fostered Adolescent. American Academy of Pediatrics National Conference and Exhibition. Washington, DC, October 24-27, 2015. Oral Presentation.
66. Minneci PC, Nacion KM, Mahida J, Lodwick DL, Cooper JN, **Deans KJ**. Impact of implementing stakeholder recommendations on recruitment and retention in pediatric clinical research. American Academy of Pediatrics National Conference and Exhibition. Washington, DC, October 24-27, 2015. Poster Presentation.
67. Lu PL, Asti L, Lodwick DL, Nacion KM, Sulkowski JP, **Deans KJ**, Minneci PC, Teich S, Alpert SA, Di Lorenzo C, Yacob D, Mousa HM. Sacral nerve stimulation for treatment of constipation in children receiving antegrade enemas. North American Society for Pediatric Gastroenterology, Hepatology and Nutrition, Washington, DC, October 7-11, 2015. Poster presented
68. Lodwick D, Minneci PC, **Deans KJ**. The Lymphocyte Depression and Postoperative Abscess After Appendectomy in Children. American Pediatric Surgical Association. May 14-18, 2016. Poster Presentation.
69. Lodwick D, Minneci PC, **Deans KJ**. A Novel Method for Identifying High Radiation Burden From Computed Tomography. American Pediatric Surgical Association. May 14-18, 2016. Oral Presentation
70. Lal D, **Deans KJ**, Minneci PC, Challenging Surgical Dogma In The Management Of Esophageal Atresia With Tracheoesophageal Fistula Outcomes From The Midwest Pediatric Surgery Consortium. American Pediatric Surgical Association. May 14-18, 2016. Podium Presentation.
71. Lu P, Dilorenzo C, Yacob D, Koppen I, Orsagh-Yentis D, **Deans KJ**, Minneci P, Leonhart K, Ambeba E, Diefenbach K, Alpert S. Sacral Nerve Stimulation for Treatment of Constipation in Children: Long-term Outcomes, Patient Benefit, and Parent Satisfaction". Digestive Disease Week. May 21-24, 2016. Oral Presentation.
72. Koppen I, Thompson B, Lane V, Ambeba E, Bates G, Minneci PC, **Deans KJ**, Levitt M, Wood R, Dilorenzo C, Yacob D. Comparing Contrast Enemas and Colonic Manometry in Children With Functional Constipation; Is There an Association Between Colonic Redundancy, Colonic Diameter, and Dysmotility. Digestive Disease Week. May 24, 2016. Poster Presentation.
73. Gonzalez DO, Ambeba E, **Deans KJ**, Minneci PC, Nwomeh B. Surgical site infection after stoma reversal in children: outcomes and predictors. NSQIP . San Diego, CA. July 16-19, 2016. Poster Presentation.

74. Lopez J, Cooper JN, **Deans KJ**, Minneci PC. Morbidity of pilonidal disease after surgical resection. American College of Surgeons 2016 Clinical Congress. Washington, DC. October 16-20, 2016. Presentation.
75. Lopez J, Cooper JN, Albert B, Adler, **Deans KJ**, King D, Minneci PC. Sarcopenia in children with perforated appendicitis. American College of Surgeons 2016 Clinical Congress. Washington DC. October 16-20, 2016. Presentation.
76. Lane V, Minneci PC, Nacion K, Cooper J, Wood R, Lo G, Hoff L, Huang Y, Lin S, Levitt M, **Deans KJ**, Development of a Rapid Learning Healthcare System (RLHS) in Pediatric Colorectal Surgery. Colorectal Club. Milan, Italy, 2015. Oral Presentation
77. Lu PL, Koppen IJ, Orsagh-Yentis DK, Leonhart K, Ambeba EJ, Deans KJ, Minneci PC, Teich S, Diefenbach KA, Alpert SA, Benninga MA, Yacob D, Di Lorenzo C. Sacral Nerve Stimulation for Treatment of Constipation in Children: Long- Term Outcomes, Patient Benefit, and Patient Satisfaction. WCPGHAN. Montreal, Canada. October 5-8, 2016. Poster Presentation.
78. Gonzalez DO, Cooper J, Aldrink J, Hewitt GD, Minneci PC, **Deans KJ**. Surgical Management of benign ovarian neoplasms in pediatric and adolescent females. American College of Surgeons Clinical Congress. Washington, DC. October 16-2016. Poster Presentation.
79. Lodwick DL, Cooper JN, Minneci PC, **Deans KJ**. How an Automated System to Identify Children at Risk for High Radiation Exposure from Computed Tomography Can Be Used to Inform Research and Clinical Practice. American Academy of Pediatrics. 2016. San Francisco, CA. October 22-25. Podium Presentation.
80. Lal DR, Gadepalli SK, Downard C, Ostle DJ, Swedler R, Chelius T, Sato T. Variation in perioperative management and outcomes of esophageal atresia and tracheoesophageal fistula repair: Results from the Midwest Pediatric Surgery Consortium, American Academy of Pediatrics, Washington DC, October 2016. Oral Presentation.
81. Gonzalez DO, Cooper JN, St. Peter S, Minneci PC, **Deans KJ**. Early versus delayed gastroschisis closure: outcomes across U.S children's hospitals. American College of Surgeons 2016. Clinical Congress. Washington, DC. October 16-20, 2016. Poster Presentation.
82. Lal D, Gadepalli S, Downard D, Minneci PC, Swedler R, Chelius T, Sato T, **Deans KJ** on behalf of the **Midwest Pediatric Surgery Consortium**. Characteristics and Outcomes of Infants with Esophageal Atresia and a Right Sided Aortic Arch: Outcomes from the Midwest Pediatric Surgery Consortium. American Academy of Pediatrics 2016. San Francisco, CA. October 22-25 2016. Podium Presentation.

83. Gonzalez DO, Cooper JN, Kelly E, Minneci PC, **Deans KJ**, Aldrink JH. Perioperative Blood Transfusion and Complication Risk in Children Undergoing Resection of Solid Tumors. Annual Academic Surgical Congress. February 7-9, 2017. QuickShot Presentation.
84. Lopez JJ, Fisher B, Seabrook R, Chicoine L, **Deans KJ**, Minneci PC. Outcomes after transition from veno-arterial to veno-venous extracorporeal membrane oxygenation for congenital diaphragmatic hernia. ECMO and the Advanced Therapies for Respiratory failure meeting. Feb 26-Mar 2, 2017. Oral Presentation
85. Koppen IJ, Thompson BP, Ambeba EJ, Lane VA, Bates DG, Minneci PC, **Deans KJ**, Levitt MA, Wood RL, Benninga MA, DiLorenzo C, Yacob D. Comparing contrast enemas and colonic manometry in children functional constipation: Is there an association between colonic redundancy, colonic diameter and dysmotility. ESPGHAN Annual Meeting. Prague. May 12, 2017. Oral Presentation.
86. Lopez, JJ, Cooper JN, Gonzalez DO, **Deans KJ**, Minneci PC. Safety and tolerability of laser hair depilation in pilonidal disease: a pilot study. Surgical Infection Society meeting. May 2-5, 2017. Oral Presentation.
87. Cooper JN, **Deans KJ**, Minneci PC. Effect of the affordable care act on insurance coverage, in-hospital mortality, rehabilitation use and unplanned readmissions in young adult trauma patients. Surgical and Perioperative Care Interest Group Meeting. June 24, 2017. Charleston, SC. Poster Presentation.
88. Lodwick DL, Cooper JN, Groner JI, Gonzalez DO, Lee C, Kelleher K, Minneci PC, Shah S, Krishnamurthy K, **Deans KJ**. Disparities in radiation burden from computed tomography in trauma patients triaged to pediatric vs. non-pediatric institutions. Society of Pediatric Radiology. May 16-20, 2017. Vancouver, British Columbia Canada. Oral Presentation
89. Chisolm, D, Minneci PC, Alexy E, Cooper JN, **Deans KJ**. Disparities in pediatric opioid prescribing in the “epidemic” era. Pediatric Academic Societies (PAS). San Francisco, CA May 6-9, 2017. Poster Presentation.
90. Gonzalez DO, Sebastiao Yuri, Cooper Jennifer, Minneci PC, **Deans KJ**. ECMO utilization across U.S. hospitals. American College of Surgeons. October 23, 2017. San Diego, CA. Oral Presentation
91. Papandria D, Sebastiao Y, **Deans KJ**, Diefenbach KA, Minneci PC. Examination of postoperative length of stay following common procedures in ACS-NSQIP pediatric. 13<sup>th</sup> Annual Academic Surgical Congress. Clinical/Outcomes: Pediatric Quality and Trauma Session. QuickShot Presentation. January 30<sup>th</sup>-February 1st, 2018. Jacksonville, FL. Oral Presentation

92. Gonzalez DO, Lawrence A, Cooper J, Sola R, Garvey E, Weber BC, St. Peter SD, Ostile DJ, Kohler JE, Leys CM, **Deans KJ**, Minneci PC. Nationwide Children's Hospital, Children's Mercy Hospital, Phoenix Children's Hospital, American Family Hospital. Can ultrasound reliably identify complicated appendicitis in children? 13<sup>th</sup> Annual Academic Surgical Congress. Clinical/Outcomes: Pediatrics QuickShot Session 2. January 30<sup>th</sup>- February 1<sup>st</sup>, 2017. Jacksonville, FL. Podium Presentation
93. Gonzalez DO, Sebastiao Y, Cooper JN, Levitt M, Wood RJ, **Deans KJ**, Nationwide Children's Hospital. -Engaging Families Through Shared Knowledge:RCT of Open Access to a Rapid Learning Healthcare System 13<sup>th</sup> Annual Academic Surgical Congress. Clinical/Outcomes: Pediatric QuickShot Session 1. January 30<sup>th</sup>- February 1<sup>st</sup>, 2018. Jacksonville, FL. Oral Presentation
94. Halleran DR, Lopez JJ, Lawrence AE, Leonhart KL, Sebastiao YV, Fischer BA, Cooper JN, Minneci PC, **Deans KJ**. Recurrence of pilonidal disease: our best is not good enough. 13<sup>th</sup> Annual Academic Surgical Congress. Clinical/Outcomes: Pediatrics QuickShot Session 4. January 30<sup>th</sup>- February 1<sup>st</sup>, 2018. Jacksonville, FL. Oral Presentation
95. Kunisaki SM, St. Peter SD, Saito JM, Fallat ME, Johnson KM, Mon RA, Gadepalli SA, Shaaban A, Adams C, Helmrath, M, Minneci PC, **Deans KJ**, Lopez JJ, Mak GZ, Linden AF, Landman MP, Burns RC, Fraser JD, Wright TN, Downard CD, Kabre RS, Corkum KS, Leys CM, Rademacher BL, Adadegbami B, Bence C, Walker SK, Lal DR, and Hirschl RB on behalf of the Midwest Pediatric Surgery Consortium. Thorascopic versus open resection in children with asymptomatic lung malformations: a report from multi-institutional research collaborative. IPEG's 27<sup>th</sup> Annual Conference for Endo-surgery in Children. Scientific Session-Thorax. Seattle, WA, April 11-14 2018 Podium Presentation
96. Lawrence AE, Minneci PC, **Deans KJ**, Kelley-Quon L, Cooper JN. Relationships between hospital and surgeon operative volumes and outcomes of esophageal atresia/trachoesophageal fistula repair. American Pediatric Surgical Association. May 3-6, 2018. Palm Desert, CA. Podium Presentation.
97. Lawrence AE, Minneci PC, **Deans KJ**, Kelley-Quon L, Cooper JN. Relationships between hospital and surgeon operative volumes and outcomes of esophageal atresia/trachoesophageal fistula repair. Annual Presidential Symposium of the Columbus Surgical Society. February 24, 2018. Podium Presentation.
98. Minneci PC, Gonzalez DO, Sebastiao YV, **Deans KJ**. Pediatric ECMO mortality is related to ECMO volume in us hospitals. 34<sup>th</sup> Annual Children's National Symposium: ECMO and the Advanced Therapies for Respiratory Failure. February 27<sup>th</sup>, 2018. Keystone CO. Podium Presentation



100. Lawrence AE, Minneci PC, **Deans KJ**, Kelley-Quon L, Cooper JN. Relationships between hospital and surgeon operative volumes and outcomes of esophageal atresia/trachoesophageal fistula repair. American Pediatric Surgical Association. May 3-6, 2018. Palm Desert, CA. Poster Presentation.