



22nd Annual Congress of the Chest Wall international Group

ROBERT J. OBERMEYER, M.D., FACS, FAAP

EDUCATION

M.D., University of Cincinnati College of Medicine
Cincinnati, Ohio
June 1997

B.S.M.E. with High Distinction, Ohio Northern University
Ada, Ohio
Major: Mechanical Engineering
Minors: Mathematics; Biomedical Sciences
May 1993

EMPLOYMENT

Pediatric Surgeon
Children's Hospital of The King's Daughters, Norfolk, Virginia, 7/25/05 - Present

Pediatric Surgery Resident
Arkansas Children's Hospital, Little Rock, Arkansas, 2003-2005

Advanced Laparoscopic Minimally Invasive Surgery Fellow
Baylor College of Medicine, Houston, Texas, 2002-03

Chief General Surgery Resident
Western Reserve Care System, Forum Health, Youngstown, Ohio, 2001-02

General Surgery Resident
Western Reserve Care System, Forum Health, Youngstown, Ohio, 1997-2001

Physiology Tutor
Ohio Northern University, Ada, Ohio, 1993
Organized physiology laboratories and answered students' questions.

Computer Programming
Springborn Laboratories Inc., Spencerville, Ohio, 1992

Mechanical Engineer
Marathon Oil Company, Findlay, Ohio, 1990-91



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Project manager responsible for acquisition of permits, bidding, and design. On-site engineer for construction projects. Study of alternative fuels. Designed advanced water containment system. Designed program to optimize pump selection.

ACTIVITIES

Surgeon In-Chief

Vice President for Surgical Affairs

Children's Hospital of The King's Daughters, Norfolk, Virginia

Chair of the Surgical Executive Committee, 5/2022 - Present

Chair of the Surgical Performance Improvement Committee, 5/2022 - Present

Chair of the Surgical Authorities Committee, 5/2022 - Present

Division Chief Pediatric Surgery, 6/2020 – 11/2020

Vice Chair of the Surgical Authorities Committee, 4/2020 – 4/2022

Chest Wall International Group (CWIG), Executive Committee, 1/20/22 - Present

Vice President, CHKD Professional Staff, 1/2021 - Present

Secretary/Treasurer, CHKD Professional Staff, 1/2020 – 12/2020

Peer Review Committee CHKD, Member 1/2019 – Present

Leadership Committee CHKD, Member 1/2019 - Present

Wellness Task Force, APSA, 2/6/2019 – 8/31/2021

Industry and Institutional Advisory Committee, APSA, 9/2018 – 9/2019

Diversity, Equity, and Inclusion Committee, APSA, 9/2018 – 9/2019

Children's Health System Board of Directors CHKD, Director 8/2013-Present

Physician Engagement Committee CHKD, Member 6/2015 – Present

Surgical Executive Committee CHKD, Member 2/2015 - Present

Professional Affairs Committee CHKD, Member 9/2012-Present



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Surgical Authorities Committee CHKD, Chairman 1/2011-4/2020

Medical Executive Committee CHKD, Member 1/2011-present

EVMS Interviewer for Prospective Medical Students, EVMS, 10/2009-10/2011

Patient Safety Committee, CHKD, Member 1/2008-present

Mortality Review Committee, CHKD, Member 1/2008-12/2010

Physician Satisfaction Committee, CHKD, Member 10/2008

Professional Staff Nominating Committee, CHKD Member, 9/2007-8/2008

Medical Student LGM Facilitator, CHKD/EVMS, 1/2008 – 4/2008

Web Design Team, CHKD, 10/2007

Anatomy Tutor, EVMS, 2006

Nutrition Committee, CHKD, Member 2/2005-1/2009

Board of Directors of Children's Surgical Specialty Group, Inc., CHKD, Member 10/2005-present

Performance Improvement Committee, UAMS College of Medicine, 2004-2005
Develop surveys to help determine ways to improve UAMS resident programs and evaluate the data from these surveys.

GME Committee Resident Council, UAMS College of Medicine, 2004-2005

Ad hoc reviewer for Surgical Endoscopy, 2003

Reviewed papers submitted to this journal for the Chairman of the Department of Surgery at the Baylor College of Medicine.

Board Member, Health for Humanity Ohio Network, 2000-2002

Serve on the Board of Trustees for Health for Humanity. Health for Humanity is an organization that provides free education to the local community about how to live a healthier lifestyle.

Tumor Fellow, Western Reserve Care System, 1998-99

Arranged lectures on cancer management for Continuing Medical Education conferences.



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Co-Chair of SOFAR (Students Organizing Funds for Financial Aid Resources)
University of Cincinnati College of Medicine, 1995
Raised money for medical students' tuition.

Co-Chair of Smoking Awareness Program for DOC (Doctors Ought to Care)
University of Cincinnati College of Medicine, 1994-95
Arranged lectures and lectured to grade school students about effects of tobacco on their health.

CONFERENCES

Advanced Laparoscopic Procedures, Endo-Surgery Institute, Cincinnati, Ohio
December 5, 1997.

Advances in the Management of Gastrointestinal Malignancies, 18th Annual Cancer
Symposium, Youngstown, Ohio, April 2, 1998.

Vascular Diseases of the Heart and Periphery, Avalon Inn, Warren, Ohio, May 30,
1998.

Cancer Symposium, Holiday Inn MetroPlex Centre, Youngstown, Ohio, April 1, 1999.

Basic Gastrointestinal Endoscopic and Laparoscopic Workshop, Endo-Surgery
Institute, Cincinnati, Ohio, February 11-12, 2000.

Lloyd Noland General Surgery Update, Sea Pines Resort, Hilton, SC, April 6-9, 2000.

Advanced Training in Minimal Access Pediatric Surgery, San Francisco, CA, Oct 16-18,
2001.

Update on Minimally Invasive Surgical Techniques – Baylor College of Medicine,
Houston, TX, April 19-20, 2002.

Laparoscopic Ventral Incisional Herniorrhaphy Course – Baylor College of Medicine,
Houston, TX, September 27, 2002.

Laparoscopic Morbid Obesity Surgery Course, New Haven, CT, October 22-23, 2002.

Laparoscopic Inguinal Hernia Course – Baylor College of Medicine, Houston, TX,
November 15, 2002.

Lone Star Update on Minimally Invasive Surgery – Baylor College of Medicine, The
Hyatt Regency Hill Country Resort and Spa, San Antonio, Texas, May 8-10, 2003.



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The Intuitive Surgical da Vinci™ Surgical System Training Workshop, Memorial Hermann Hospital, Houston, Texas, June 19, 2003.

13th Annual Congress for Endosurgery in Children - International Pediatric Endosurgery Group, Maui, Hawaii, May 5-8, 2004.

Minimally Invasive Surgery for Pediatric Surgery Fellows – SAGES, Hollywood, Florida, April 14-16, 2005.

The Treatment of Anorectal Malformations, Cincinnati, Ohio, November 17-19, 2005.

APSA 37th Annual Meeting, Hilton Head, South Carolina, May 20-24, 2006.

VEPTR Chest Wall Reconstruction, San Antonio, TX, September 24-27, 2006.

APSA 39th Annual Meeting, Phoenix, AZ, May 28-30, 2008.

AAP - Surgical Section Meeting, Boston, MA, October, 2008.

Nuss Conference, Norfolk, VA, March 25-26, 2010.

APSA 41st Annual Meeting, Orlando, FL, May 16-19, 2010.

19th Annual Congress for Endosurgery in Children - International Pediatric Endosurgery Group, Waikoloa, HA, June 8-12, 2010.

APSA 42nd Annual Meeting, Palm Desert, CA, May 22-25, 2011.

The 9th Annual International Nuss Pectus Excavatum and Carinatum Lecture Series, Norfolk, VA, July 6-7, 2011.

21st Annual Congress for Endosurgery in Children - International Pediatric Endosurgery Group, San Diego, CA, March 6-10, 2012.

The 10th Annual International Nuss Pectus Excavatum and Carinatum Lecture Series, Norfolk, VA, March 29-30, 2012.

The 11th Annual International Nuss Pectus Excavatum and Carinatum Lecture Series, Norfolk, VA, March 21-22, 2013.

APSA 44nd Annual Meeting, Marco Island, FL, May 2-5, 2013.



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Duke Masters of Minimally Invasive Bariatric Surgery, Orlando, FL, March 19-21, 2015.

The 12th Annual International Nuss Pectus Excavatum and Carinatum Lecture Series, Norfolk, VA, March 26-27, 2015.

APSA 2015 46th Annual Meeting, Harbor Beach Marriott Resort & Spa, Fort Lauderdale, FL, April 30 - May 3, 2015.

Advanced Pectus Course, Phoenix Children's Hospital, Phoenix, AZ, October 13-15, 2015.

17th Annual Chest Wall International Group (CWIG) Meeting, CHKD, Norfolk, VA, June 15-17, 2016.

APSA 2017 48th Annual Meeting, The Diplomat Beach Resort, Hollywood, FL, May 4 - May 7, 2017.

British Association of Pediatric Surgeons, Severe Paediatric Obesity Session, London, UK, July 18, 2017.

British Association of Pediatric Surgeons, Annual International Congress, London, UK, July 19-21, 2017.

American Academy of Pediatrics National Conference, Surgery Education Program, Chicago, IL, September 15-17, 2017.

Pediatric-Neonatal and Adult ECMO Course (ELSO), Dallas Children's Health, Dallas, TX, March 26-28, 2018.

APSA 50th Annual Meeting, Copley Place, Boston, MA, May 18 - May 22, 2019.

Advanced Pectus Course, Royal Palms Resort and Spa, Phoenix, AZ, October 3-4, 2019.

Quality Improvement Education, Nationwide Children's Hospital, Columbus, OH, August 21 - December 3, 2019 (6 visits; Pathology Specimen Processing Project).

Medical Staff Peer Review and Leadership Retreat, Harty, Spinger & Mattern (UPMC), CHKD, Norfolk, VA, December 6-7, 2019.

Medical Staff Peer Review and Leadership Retreat, Harty, Spinger & Mattern (UPMC), CHKD, Norfolk, VA, December 6-7, 2019.



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Horty-Springer: The Complete Course For Medical Staff Leaders, The Virtual Experience, November 12-13, 2020.

21st Annual Chest Wall International Group (CWIG) Meeting, Virtual Meeting Dubai, November 12-13th and November 19th-20th, 2020.

Nuss Advanced Pectus Course and Chest Wall International Group (CWIG) Meeting, Norfolk, VA, September 22-24, 2021.

PRESENTATIONS

Necrotizing esophagitis presenting as a black esophagus, First Annual Surgery Resident Research Day, Youngstown, Ohio, May 20, 1998.

Transient cervical cord compression due to iatrogenic epidural air placement, Second Annual Surgery Resident Research Day, Youngstown, Ohio, May, 1999.

Diagnosis and treatment of Thyroiditis, Western Reserve Care System, Department of Surgery, Grand Rounds, February 24, 2000.

Disorders potentially amendable to splenectomy, Western Reserve Health Care, Department of Surgery, Grand Rounds, April 27, 2000.

Laparoscopic colon surgery for colon cancer, Western Reserve Care System, Department of Surgery, Grand Rounds, May 30, 2001.

Prevention and management of common bile duct injuries, Western Reserve Care System, Department of Surgery, Grand Rounds, 2002.

Spontaneous uretero-ileal fistula due to chronic ureterolithiasis, Fifth Annual Surgery Resident Research Day, Youngstown, Ohio, May 16, 2002.

Prevention and management of common bile duct injuries, Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Educational Conference, May 2003

Intravenous Methylene Blue as an aid to Intraoperative Identification and Removal of the Adrenal Glands during Laparoscopic Adrenalectomy in a Porcine Model, The Association of VA Surgeons, May 4, 2003.

Traumatic Urethral Injuries in Pediatric Patients, Trauma Conference, Little Rock, Arkansas, August 2003.



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Pediatric Thoracic Trauma, Trauma Conference, Little Rock, Arkansas, October 2003.

Management of Pancreatic Trauma in Children, Trauma Conference, Little Rock, Arkansas, April 2004.

Laparoscopic Pediatric Inguinal Herniorrhaphy: Experience and Efficacy, 13th Annual Congress for Endosurgery in Children, International Pediatric Endosurgery Group, Maui, Hawaii, May 2004.

Abdominal Wall Ecchymosis & Spinal Fractures, Trauma Conference, Little Rock, Arkansas, April 26, 2004.

Initial Management of Pediatric Trauma, Pediatric Lecture Series, Little Rock, Arkansas, April 29, 2005.

Interesting Cases in Pediatric Surgery, APSMA Lecture, Hilton Head, South Carolina, May 22, 2006.

MFM/Pediatric Surgery Conference, EVMS, Norfolk, VA, June 1, 2006.

Minimally Invasive Pediatric Surgery, EVMS, Department of Surgery, Grand Rounds Lecture Series, September 1, 2006.

Surgery for IBD: Who Needs What & When, IBD Society Presentation, Embassy Suites Hotel, Hampton, VA, May 24, 2007.

Interesting Cases in Pediatric Surgery, Tri-City Professional Coders, CHKD, Norfolk, VA, August 18, 2007.

The Vomiting Infant - Surgical Etiologies, Chesapeake Pediatrics Group, Chesapeake General Hospital, Chesapeake, VA, November 13, 2007.

Nissen Fundoplication in the Neurologically Impaired Patient, Navigating the Care of the Medically Fragile Child, Virginia Beach, VA, April 2008.

MFM/Pediatric Surgery Conference, EVMS, Norfolk, VA, June 6, 2008.

Suction Cup Lift for Severe Pectus Excavatum, RE Redlinger, RJ Obermeyer, D Nuss, American College of Surgeons, Video Presentation, Chicago, IL, October 12, 2009.

Postoperative care of the Pectus Patient, The 8th Annual International Nuss Pectus Excavatum and Carinatum Lecture Series, March 26-27, 2010.



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Optimized Surgical Tool for Pectus Bar Extraction, 32nd Annual International Conference of the IEEE Engineering in Medicine and Biology, Buenos Aires Sheraton Hotel, Buenos Aires, Argentina, August 31 - September 4, 2010.

Regional Chest Wall Motion Dysfunction in Pectus Excavatum Patients Demonstrated Via Opto-Electronic Plethysmography (OEP), American Academy of Pediatrics (AAP) National Conference and Exhibition, Surgical Section, San Francisco, CA, October 2-5, 2010.

Opto-Electronic Plethysmography (OEP) Demonstrates Abrogation of Regional Chest Wall Motion Dysfunction in Pectus Excavatum Patients Following Nuss Repair, APSA 42nd Annual Meeting, Palm Desert, CA, May 22-25, 2011.

Coding For Surgeons, Tri-City Professional Coders, CHKD, Norfolk, VA, June 16, 2011.

Application of CAD Analysis to Update the Design for a Pectus Excavatum Bar Extraction Tool, International CAD Conference and Exhibition, Taipei, Taiwan 27-30 June, 27-30, 2011.

Technical Details of the Nuss Procedure, The 9th Annual International Nuss Pectus Excavatum and Carinatum Lecture Series, Norfolk, VA, July 6-7, 2011.

Chest Wall Deformities – The Norfolk Experience, Universitäts-Kinderspital beider Basel (UKBB), Basel, Switerland, June 11, 2012.

Technical Details of the Nuss Procedure, The 11th Annual International Nuss Pectus Excavatum and Carinatum Lecture Series, Norfolk, VA, March 22, 2013.

Technical Details of the Nuss Procedure, The 12th Annual International Nuss Pectus Excavatum and Carinatum Lecture Series, Norfolk, VA, March 26-27, 2015.

Vacuum Bell Therapy for Pectus Excavatum, The 12th Annual International Nuss Pectus Excavatum and Carinatum Lecture Series, Norfolk, VA, March 26-27, 2015.

Risk Factors and Management of Nuss Bar Infections in 1717 Patients Over 25 Years, APSA 2015 46th Annual Meeting, Harbor Beach Marriott Resort & Spa, Fort Lauderdale, FL, April 30 - May 3, 2015.

Nutritional Concerns in the Neonatal Patient with Short Bowel Syndrome, Tidewater Association of Neonatal Nurses, September 9th, 2015

Management of Nuss Bar Infections, Advanced Pectus Course, Phoenix Children's Hospital, Phoenix, AZ, October 13-15, 2015.



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Outcomes: Cardiopulmonary Function, Quality of Life, & Long Term Results, Advanced Pectus Course, Phoenix Children's Hospital, Phoenix, AZ, October 13-15, 2015.

Understanding Chest Wall Motion Analysis, Advanced Pectus Course, Phoenix Children's Hospital, Phoenix, AZ, October 13-15, 2015.

Nutritional Concerns in the Neonatal Patient with Short Bowel Syndrome, Nursing Grand Rounds, Children's Hospital of The King's Daughters, March 3th, 2016.

Risk Factors and Treatment of Pectus Bar Infections, 17th Annual Chest Wall Interest Group (CWIG) Meeting, Norfolk, VA, June 15-17, 2016.

What's new in Pectus excavatum?, The World Federation of Associations of Pediatric Surgeons (WOFAPS), Washington, June 2016.

Routine versus Selective Patch Metal Allergy Testing Before the Nuss Procedure (poster only), APSA 2017 48th Annual Meeting, The Diplomat Beach Resort, Hollywood, FL, May 4 - May 7, 2017.

Selective versus Routine Patch Metal Allergy Testing to Select Bar Material for the Nuss Procedure in 932 Patients over 10 Years, BAPS 2017 64th Annual International Congress, London, UK, July 19-21, 2017.

Multivariate Analysis of Risk Factors for Nuss Bar Infections: A Single Center Study, American Academy of Pediatrics National Conference, Surgery Education Program, Chicago, IL, September 15-17, 2017.

Non-operative Management of Pectus Excavatum with Vacuum Bell Therapy: A Single Center Study (poster only), American Academy of Pediatrics National Conference, Surgery Education Program, Chicago, IL, September 15-17, 2017.

Bleeding at removal of Nuss bar: rare but sometimes significant, IPEG's 27th Annual Congress for Endosurgery in Children, Seattle, WA April 11-14, 2018.

Short Bowel Syndrome in Neonates, Nursing Education Rounds, CHKD NICU, Norfolk, VA, July 26, 2018.

Pediatric Thoracic Trauma, CHKD Trauma Lecture Series, Norfolk, VA, September 24, 2018.

Engineering: A Bridge To Many Destinations, Old Dominion University, Webb Center, Norfolk, VA, March 23, 2019.



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Necrotizing Enterocolitis, Nursing Education Rounds, CHKD NICU, Norfolk, VA, July 18, 2019.

Selective Versus Routine Patch Metal Allergy Testing to Select Bar Material for the Nuss Procedure in 932 Patients over 10 Years, Advanced Pectus Course, Royal Palms Resort and Spa, Phoenix, AZ, October 3-4, 2019.

Nuss Procedure Outcomes Cardiopulmonary Function Long Term Results Quality of Life, Advanced Pectus Course, Royal Palms Resort and Spa, Phoenix, AZ, October 3-4, 2019.

Minimal Access Repair of Pectus Carinatum, Abramson Procedure, Reverse Nuss Procedure, Advanced Pectus Course, Royal Palms Resort and Spa, Phoenix, AZ, October 3-4, 2019.

20 Years of Selective use of Sternal Elevation during the Nuss Procedure at a Single Institution, Virtual Poster Presentation, APSA-IPSO, Orlando, FL, May 13-16, 2020.

Pectus Excavatum: Nuss Procedure, CHKD Method, Nuss Advanced Pectus Course and Chest Wall International Group (CWIG) Meeting, September 22-24, 2021.

Nonoperative Management of Pectus Excavatum: Vacuum Bell, Nuss Advanced Pectus Course and Chest Wall International Group (CWIG) Meeting, September 22-24, 2021.

PUBLICATIONS

Kasirajan K, Obermeyer RJ, Kehris J, Lopez J, Lopez R, **Microinvasive laparoscopic cholecystectomy in pediatric patients.** *J Laparoendosc Adv Surg Tech A.* 1998 Jun;8(3):131-5.

Obermeyer RJ, Kasirajan K, Erzurum V, Chung D, **Necrotizing esophagitis presenting as a black esophagus.** *Surg Endosc.* 1998 Mar;12:1430-3.

Kasirajan K, Obermeyer RJ, Lucarelli MR, Hirko MK, Turner JJ, Rubin JR, **Calciophylaxis: calcific angiopathy resulting in acral gangrene.** *Vascular Surgery.* 1998 Sept/Oct;32(5):447-453.

Kasirajan K, Obermeyer RJ, Hirko MK, Turner JJ, Rubin JR, **Synchronous management of incidental neck masses and carotid artery disease.** *Vasc Surg.* 1998 Nov/Dec;32(6):531-534.

Jamshidi M, Obermeyer RJ, Garcia G, Hashmi M, **Post-laparoscopic cholecystectomy bile leak secondary to an accessory duct of Luschka.** *Int Surg.* 1999 Jan-Mar;84(1):86-8.



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Erzurum VZ, Obermeyer RJ, Fecher A, Thyagarajan P, Tan P, Koler AK, Hirko MK, Rubin JR, **What influences medical students' choice of surgical careers.** *Surgery.* 2000 Aug;128(2):253-6.

Obermeyer RJ, Fecher A, Erzurum VZ, DeVito PM, **Embolization of bullet to the right ventricle.** *Am J Surg.* 2000 Mar;179(3):189.

Erzurum VZ, Obermeyer RJ, et al. **Pancreatic pseudocyst masquerading as an incarcerated inguinal hernia.** *Southern Medical Journal,* 2000 Feb;93(2).

Erzurum VZ, Obermeyer RJ, et al., **Melanosis coli: a surgical image.** *Canadian Medical Association Journal,* 2001 Feb.

Jamshidi M, Obermeyer RJ, et al., **Acute Pancreatitis Secondary to Isoretinoin-Induced Hyperlipidemia.** *Journal Oklahoma State Medical Association.* 2002 Feb;95(2):79-80.

Obermeyer RJ, Fisher WE, Sweeney JF, Woods KL, Brunicardi FC, **Laparoscopic distal pancreatectomy for serous oligocystic adenoma.** *Surgical Rounds,* 2002 Sept; 26(9):423-6.

Obermeyer RJ, Fisher WE, Salameh JR, et al., **Laparoscopic Pancreatic Cystgastrostomy.** *Surg Laparosc Endosc Percutan Tech.,* 2003 Aug; 13(4):250-3.

Knauer EK, Obermeyer RJ, Millie MM, et al., **101 Laparoscopic Splenectomies for benign and malignant hematologic disorders.** *American Journal of Surgery,* November 2003.

Obermeyer RJ, Knauer EK, Millie MM, et al., **Intravenous Methylene Blue as an aid to Intraoperative Identification and Removal of the Adrenal Glands during Laparoscopic Adrenalectomy in a Porcine Model,** *American Journal of Surgery,* November 2003.

Peters MB Jr, Obermeyer RJ, Ojeda HF, et al., **Laparoscopic Management of Colonic Lipomas: a case report and review of the literature.** *JSLs.* 2005 Jul-Sep; 9(3):342-4.

Nuss D, Kuhn MA, Obermeyer RJ, **Our Approach: MIS Repair of Pectus Excavatum.** *Contemporary Surgery,* 2007 Sept; 63(9): 444-451.

Kelly RE, Goretsky M, Obermeyer RJ, Kuhn MA, Redlinger RE, Haney TS, Moskowitz A, Nuss D, **Twenty-One Years of Experience With Minimally Invasive Repair of Pectus Excavatum by the Nuss Procedure in 1215 Patients,** *Ann Surg* 2010; 252:1072-1081.



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Redlinger RE, Rushing GD, Moskowitz AD, Kelly RE, Nuss D, Kuhn MA, Obermeyer RJ, Goretsky MJ, **Minimally Invasive Repair of Pectus Excavatum in Patients with Marfan Syndrome and Marfanoid Features**, J Pediatr Surg 2010; 45(1), 193-199.

Redlinger RE, Kelly RE, Nuss D, Goretsky M, Kuhn MA, Sullivan K, Wootton AE, Ebel A, Obermeyer RJ, **Regional Chest Wall Motion Dysfunction in Patients with Pectus Excavatum Demonstrated via Optoelectronic Plethysmography**, J Pediatr Surg 2011; 46(6):1172-1176.

Redlinger RE, Kelly RE, Nuss D, Kuhn MA, Obermeyer RJ, Goretsky M, **One Hundred Patients with Recurrent Pectus Excavatum Repaired via the Minimally Invasive Nuss Technique – Effective in Most Regardless of Initial Operative Approach**, J Pediatr Surg 2011; 46(6):1177-1181.

Redlinger RE, Wootton A, Kelly RE, Nuss D, Goretsky M, Kuhn MA, Obermeyer RJ, **Optoelectronic Plethysmography demonstrates abrogation of Regional Chest Wall Motion Dysfunction in Patients with Pectus Excavatum after Nuss Repair**, J Pediatr Surg 2012; 47(1):160-164.

Rechowicz KJ, McKenzie FD, Bawab SY, Obermeyer RJ, **Application of CAD Analysis to Update the Design for a Pectus Excavatum Bar Extraction Tool**, Computer-Aided Design & Applications, 9(2), 2012, 227-234.

Obermeyer RJ and Goretsky MJ, **Chest Wall Deformities in Pediatric Surgery**, Surgical Clinics of North America, June 2012, 92(3), 669-684.

Goretsky, MJ, Obermeyer, RJ. **“Chest Wall Deformities”, Succeeding in Paediatric Surgery Examinations, Vol 1: A Complete Resource for MCQs**., Radcliffe Publishing, pp 156-161, 2012

Goretsky MJ, Obermeyer, RJ. **“Chest Wall Deformities”, Succeeding in Paediatric Surgery Examinations, Vol 2: A Complete Resource for EMQs**., Radcliffe Publishing, pp 166-171, 2012

Sesia S, Haecker FM, Shah B, Goretsky MJ, Kelly RE, Obermeyer RJ, **Development of metal allergy after Nuss procedure for repair of Pectus excavatum despite preoperative negative skin test**, J Ped Surg Case Reports 1 (2013) 152-155.

Restaino MS, Obermeyer RJ, Tsai FW, **Surgical Repair of an iatrogenic tracheal injury in a very low birth weight infant**, J Ped Surg Case Reports 2 (2014) 104-106.

Shah, Cohee, Deyerle, Kelly, Frantz, Kelly, Kuhn, Lombardo, Obermeyer, Goretsky, **High rates of metal allergy amongst Nuss procedure patients dictate broader pre-operative testing**, J Ped Surg 49 (2014), 451-454.



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Obermeyer RJ, Godbout E, Goretsky MJ, **Risk Factors and Management of Nuss Bar Infections in 1717 Patients Over 25 Years**, J Ped Surg 51 (2016), 154-158.

Obermeyer RJ, **Incorporating Vacuum Bell Therapy into Pectus Excavatum Treatment**, Editorial in Thoracic Surgery, J Vis Surg DOI: 10.21037/jovs.2016.05.01; <http://jovs.amegroups.com/article/view/10442/11087>; 2016; 2.

Nuss D, Obermeyer RJ, Kelly RE Jr., **Pectus excavatum from a pediatric surgeon's perspective**. Ann Cardiothorac Surg. 2016 Sep;5(5):493-500.

Kelly RE Jr, Obermeyer RJ, Nuss D., **Diminished pulmonary function in pectus excavatum: from denying the problem to finding the mechanism**. Ann Cardiothorac Surg. 2016 Sep;5(5):466-475.

Nuss D, Obermeyer RJ, Kelly RE., **Nuss bar procedure: past, present and future**. Ann Cardiothorac Surg. 2016 Sep;5(5):422-433.

Jaroszewski DE, Gustin PJ, Haecker F-M, Pilegaard H, Park HJ, Tang S-T, Li S, Yang L, Uemura S, DeCampos JR, Obermeyer RJ..., **Pectus excavatum repair after sternotomy: the Chest Wall International Group experience with substernal Nuss bars**. Eur J Cardiothorac Surg 2017 (0) 1-8.

Obermeyer RJ, Gaffar S, Kelly RE, **Selective versus Routine Patch Metal Allergy Testing to Select Bar Material for the Nuss Procedure in 932 Patients over 10 Years**, J Ped Surg 53 (2018), 206-264.

Obermeyer RJ, Cohen NS, Gaffar S, **Multivariate Analysis of Risk Factors for Nuss Bar Infections: A Single Center Study**, J Ped Surg 53 (2018), 1226-1229.

Obermeyer RJ, Cohen NS, Kelly RE, **Non-operative Management of Pectus Excavatum with Vacuum Bell Therapy: A Single Center Study**, J Ped Surg 53 (2018), 1221-1225.

Obermeyer RJ, Cohen NS, Jaroszewski DE, **The Physiologic Impact of Pectus Excavatum Repair**, Seminars in Pediatric Surgery, June 2018, 27(3), 127-132.

Obermeyer RJ, Cohen NS, Goretsky, MJ, **Bleeding at removal of Nuss bar: rare but sometimes significant**, Journal of Laparoendoscopic & Advanced Surgical Techniques. (Accepted; LAP-2018-0175.R1). J Laparoendosc Adv Surg Tech A. 2018 Jun 20. doi: 10.1089/lap.2018.0175.

Jaroszewski DE, Velazco CS, Pulivarthi K, Arsanjani R, Obermeyer RJ, **Cardiopulmonary Function in Thoracic Wall Deformities: What Do We Really Know?**, Eur J Pediatr Surg, August 2018, Vol. 28(4), 303-392.



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Kelly RE, Obermeyer RJ, Kuhn MA, et al. **Use of an optical scanning device to monitor progress of non-invasive treatments for chest wall deformity: a pilot study**, The Korean Journal of Thoracic and Cardiovascular Surgery, 2018 Dec; 51(6): 390-394.

Paulson JF, Ellis K, Obermeyer RJ, et al. **Development and validation of the Pectus Carinatum Body Image Quality of Life (PeCBI-QOL) questionnaire**, J Pediatr Surg. 2019 Apr 24. pii: S0022-3468(19)30302-1.

Obermeyer RJ, Goretsky MJ, Kelly RE, **Selective use of sternal elevation before substernal dissection in more than 2000 Nuss repairs at a single institution**. J Pediatr Surg. 2021;56:649-654.

Kelly RE, Obermeyer RJ, Goretsky MJ, **Ten-year experience with staged management of pectus carinatum: results and lessons learned**. J Pediatr Surg. 2021; Epub ahead of print.

Kelly RE, Obermeyer RJ, Goretsky MJ, **Recent modifications to the Nuss Procedure: The pursuit of safety during the minimally invasive repair of pectus excavatum**. Ann Surg, Feb 2022, Vol. 275(2), e496-e502.

G R A N T S

OEP Motion Analysis Research for Pectus Excavatum, CHKD, 10/2008
Grant supported by "Children's Health Foundation" and CHKD

I R B

Prospective evaluation of chest wall motion and thoracic volume changes in normal volunteers compared to pectus excavatum patients before and after the Nuss procedure via opto-electronic plethysmography (OEP) chest wall motion analysis (IRB: 08-05-EX-0101)

Metal allergy testing and pectus bar use (IRB: 11-04-WC-0098-CHKD)

Performance testing of an optimized surgical tool prototype for pectus bar extraction (IRB:11-12-FB-0281)

Review of infection rates with patients that have had a surgical repair of their chest wall deformity at CHKD (IRB:14-03-WC-0034)

Retrospective review of the efficacy of vacuum bell treatment in pectus excavatum patients at The Children's Hospital of The King's Daughters (IRB: 15-01-WC-0024)



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Ultra-low radiation dose chest CT scan for pectus excavatum imaging (IRB: 15-01-FB-0006)

Intraoperative sternal elevation methods (IRB: 16-11-WC-0269)

Bleeding after bar removal (IRB: 16-11-WC-0214)

PATENTS

Design of US-2013-0211404-A1, U.S. patent no. US-2013-0211404-A1 (8,632,549)
publication date 8/15/2013

SPECIAL CERTIFICATIONS

Basic Life Support, CHKD, Norfolk, VA, Expires 01/20

Advanced Cardiac Life Support, Arkansas Children's Hospital, Little Rock, AR, Expired 04/07

Pediatric Advanced Life Support, CHKD, Norfolk, VA, Expires 12/21

Advanced Trauma Life Support – Instructor, EVMS, Norfolk, VA, Expires 07/18/2020 (extended)

Intuitive Surgical da Vinci™ Surgical System Training, Memorial Hermann, Houston, TX

BOARD CERTIFICATIONS

Certification in Surgery, American Board of Surgery, #47914, 4/03 – 7/23

Certification in Pediatric Surgery, American Board of Surgery, #961, 4/06 – 7/26

MEMBERSHIPS

American College of Surgeons, Fellow (FACS), #03042908, 10/11/07 - Present



22nd Annual Congress of the Chest Wall international Group

American Pediatric Surgical Association (APSA), #66464, 5/07 - Present

American Academy of Pediatrics (AAP) – Surgical Division, #1022141, 9/1/07 - Present

American Medical Association (AMA), #03841970364, 2010 - Present

Society of Gastrointestinal & Endoscopic Surgeons (SAGES), #4593, 2000 - Present

International Pediatric Endosurgery Group (IPEG), 2003 – Present

The Medical Society of Virginia, #70948, Expires 12/31/11

Chest Wall Interest Group (CWIG), 2015 - Present

ACADEMIC APPOINTMENTS

Associate Professor of Surgery and Pediatrics, Eastern Virginia Medical School, 7/2016 – present

Assistant Professor of Clinical Surgery and Pediatrics, Eastern Virginia Medical School, 7/2006-7/2016

Clinical Instructor in Surgery, Baylor College of Medicine, 2002-03

Clinical Instructor in Surgery, Northeastern Ohio University College of Medicine, 2001-02

CONSULTING AGREEMENTS

Zimmer Biomet, LLC, Jacksonville, FL

LICENSURE

Virginia State Medical License, 0101237656, Expires 08/31/22

Ohio State Medical License, 35-075355-O, Expires 04/01/24

Arkansas State Medical License, E-3719, Expired 08/31/07

Texas State Medical License, L4613, Expired 02/28/05