

Francois I. Luks, M.D., Ph.D.
Curriculum Vitae

Division of Pediatric Surgery
Hasbro Children's Hospital
593 Eddy Street, HCH 120
Providence, RI 02903
Phone: (401) 444-7605 Fax: (401) 444-6603
Francois_Luks@brown.edu

EDUCATION

- August 1979 Rijksuniversitair Centrum Antwerpen
Kandidaat in de Medische Wetenschappen (Bachelor in Medical Sciences)
- August 1983 Universitaire Instelling Antwerpen
Doctor in de Genees-, Heel- en Verloskunde (M.D. Degree)
- May 1998 Catholic University Leuven
Doctor in the Medical Sciences (Ph.D. Degree)
Thesis: "A model for fetal surgery through intrauterine endoscopy"

POSTGRADUATE TRAINING

- 1984 – 1987 Residency in General Surgery
Lutheran Medical Center (State University of New York), Brooklyn, NY
- 1987 – 1989 Residency in General Surgery
Catholic Medical Center of Brooklyn & Queens (Cornell University), Queens, NY
- 1989 – 1991 Residency in Pediatric Surgery
Hopital Ste-Justine, Université de Montréal (Canada)
- 1992 – 1994 Research Fellowship
Catholic University of Leuven, Centre for Surgical Technologies, Leuven, Belgium

POSTGRADUATE HONORS AND AWARDS

- 1993 – 1994 Doctorate Scholarship, Research Council of the Catholic University of Leuven
- 1992 – 1993 Research Scholarship, Faculty of Medicine, Catholic University of Leuven
- 1998 Master of Arts ad eundem, Brown University
- 1999-2000 Faculty Teaching Award, Department of Surgery, Brown Medical School
- 2007 Faculty election to AQA Honor Medical Society, Alpha Chapter, Brown University
- 2007 – 2008 Faculty Teaching Award, Department of Surgery, Brown Medical School
- 2010 – 2011 Faculty Teaching Award, Department of Surgery, Brown Medical School
- 2011 Nominated Alumnus of the Year, University of Antwerp Medical School
Elected Alumnus of the Year, University of Antwerp (with Monique De Paepe)
- 2022 Lifetime Achievement Award, North American Fetal Therapy Network (NAFTNet)

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

- 1983 Belgian Medical License # 1/17310/60/001
- 1983 Educational Commission for Foreign Medical Graduates Certification #361-340-3
- 1987 New York State Medical License #171540
- 1991 Rhode Island State Medical License #8091
- 1990 Diploma of the American Board of Surgery #35546 (Re-certified 2000, 2010, 2021)
- 1991 D.E.A. #BL3076228
- 1991 National Provider Identification (NPI) #1124025937
- 1991 Diplôme d'Etudes Spécialisées (Pediatric Surgery) Université de Montréal
- 1992 Certificate of Special Qualifications in Pediatric Surgery #576 (Re-certified 2001, 2011)
- 2000 Massachusetts State Medical License #155497
- 2004 Instructor, Advanced Trauma Life Support #277892
- 2009 National Cancer Institute (NCI) Investigator # 43655

ACADEMIC APPOINTMENTS

- 1994 – 1997 Assistant Professor of Surgery and Pediatrics
Alpert Medical School of Brown University
- 1997 – 2005 Associate Professor of Surgery and Pediatrics
Alpert Medical School of Brown University
- 1997 – 2002 Assistant Director, Pediatric Surgery Residency Program
Alpert Medical School of Brown University
- 2000 – Director, Program in Fetal Medicine
Alpert Medical School of Brown University
- 2005 – Professor of Surgery and Pediatrics
Alpert Medical School of Brown University
- 2006 – Professor of Surgery, Pediatrics, Obstetrics & Gynecology
Alpert Medical School of Brown University
- 2016 – 2017 Interim Chief, Division of Pediatric Surgery
- 2017 – Chief, Division of Pediatric Surgery
- 2023 – J. Murray Beardsley Professor of Pediatric Surgery
Alpert Medical School of Brown University

HOSPITAL APPOINTMENTS

- 1994 – Attending Surgeon, Hasbro Children's Hospital and Rhode Island Hospital
- 1994 – Attending Surgeon, Women & Infants' Hospital of Rhode Island

- 1995 – 2010 Director for Trauma, Pediatric Intensive Care Unit, Hasbro Children’s Hospital
- 1999 – 2002 Attending Surgeon, Morton Hospital, Taunton, MA
- 2000 – 2009 Attending Surgeon, New England Medical Center, Boston, MA
- 2012 – 2014 Director of Trauma, Hasbro Children’s Hospital
- 2016 – 2017 Interim Pediatric Surgeon-in-Chief, Hasbro Children’s Hospital
- 2017 – Pediatric Surgeon-in-Chief, Hasbro Children’s Hospital
- 2017 – Attending Surgeon, St Anne’s Hospital, Fall River, MA

OTHER APPOINTMENTS

- 1992 – 94 Abstract Editor (International Abstracts in Surgery), J Am Coll Surg
- 1995 – 97 Contributing Editor (Pediatric Surgery), Yearbook of Surgery
- 2001 Guest Editor, Medicine & Health/Rhode Island Vol. 84(5), May 2001
- 2002 Associate Examiner, American Board of Surgery
- 2009 Reviewer, Walsh WF et al. Maternal-Fetal Surgical Procedures. Technical Brief # 5, AHRQ Publication No. 10(11)-EHC059-EF. Rockville, MD: Agency for Healthcare Research and Quality (AHRQ). April 2011.
- 2014 – Associate Editor, Fetal Diagnosis & Therapy
- 2016 – Member, Editorial Board, Medicine @ Brown (formerly Brown Medicine)
- 2017 – Member, Board of Directors, Providence Ronald McDonald House
- 2019 – Member, Rhode Island Hospital Foundation Board of Trustees
- 2019 – Member, Board of Governors, Rhode Island Hospital & Hasbro Children’s Hospital
- 2019 – Co-Chair, Hasbro Children’s Hospital Leadership Council
- 2021 – Member, Advisory Board, The Brown Journal of Medical Humanities
- 2022 – 23 Member, Advisory Committee, Pediatric Surgery Residency requirements development, Accreditation Council for Graduate Medical Education – International (ACGME-I)

Ad Hoc Manuscript Reviewer

American Journal of Obstetrics and Gynecology
American Journal of Respiratory and Critical Care Medicine
Annals of Surgery
Annals of Thoracic Surgery
Archives of Diseases in Children
BMC Surgery
Case Reports in Obstetrics and Gynecology
Early Human Development
European Journal of Obstetrics, Gynecology and Reproductive Biology

Fetal Diagnosis and Therapy
Gynecologic and Obstetric Investigation
Gynecological Surgery
International Journal of Medical Robotics and Computer-Assisted Surgery
Journal of Clinical Medicine and Research
Journal of Pediatric Gastroenterology and Nutrition
Journal of Pediatric Surgery
Journal of Pediatric Surgery Case Reports
Journal of Pediatric Urology
Journal of Pediatrics
Journal of Visualized Experiments
Minimally Invasive Surgery
Neonatology (Biology of the Neonate)
Pediatric Research
Pediatrics
PLOS One
Prenatal Diagnosis
Reproductive Sciences
Southern Medical Journal
Surgery
Surgical Endoscopy
Trials
Twin Research and Human genetics
Ultrasound in Obstetrics and Gynecology
World Journal of Gastroenterology

Ad Hoc Grant Reviewer

Wellcome Foundation
Canadian Innovation Fund, Canadian Research Council
Medical Research Council, United Kingdom

Ad-Hoc Site Reviewer

02-2002 Mercy Children's Hospital Pediatric Trauma Center, Kansas City, MO
(State of Missouri Trauma Accreditation Survey)
01-2007 Consultant, Lead Users Design Workshop, Solutia, Inc., Orlando, FL
08-2023 Fetal and Pediatric Surgical Advisory Delegation to Senior Advisor for Health Policy
The White House, Washington, DC

HOSPITAL COMMITTEES

1995 – 96 Pediatric Trauma Patient Care Committee, Hasbro Children's Hospital (Acting Chair)
1995 – 96 Medical Records Committee, Rhode Island Hospital
1995 – 99 Pediatric Inpatient Quality Improvement Committee, Hasbro Children's Hospital
1995 – 10 Trauma Committee, Rhode Island Hospital

- 1995 – 99 Department of Surgery Quality Improvement Committee
- 1996 Ad Hoc Committee on Rewarming of the hypothermic patient (Chair)
- 1996 – 10 Pediatric Trauma Patient Care Committee, Hasbro Children’s Hospital (Chair)
- 2003 – 04 Service Lines Evaluation Committee, Women & Infants’ Hospital
- 2004 – 06 Medical Executive Council, Rhode Island Hospital
- 2004 – Pediatric Physician Review Group, Women & Infants’ Hospital
- 2004 Ad Hoc Committee, Credentialing Committee, Rhode Island Hospital
- 2004 Ad Hoc Committee, Strategic Planning, Bylaws Committee, Rhode Island Hospital
- 2007 – Laser Safety Committee, Rhode Island Hospital (Chair, 2012 - 2014)
- 2012 – 14 Pediatric Trauma Patient Care Committee, Hasbro Children’s Hospital (Chair)
- 2014 – 19 Research Advisory Council, Rhode Island Hospital 3-D Lab (member)
- 2016 – Hasbro Children’s Hospital Advisory Council (Co-Chair, 2019 –)
- 2016 – Surgical Executive Committee, Rhode Island Hospital
- 2016 – 19 Medical Executive Committee, Rhode Island Hospital
- 2019 Search Committee, Vice President, Research Administration, Lifespan
- 2020 Search Committee, Chief Nursing Officer, Rhode Island Hospital
- 2021 – 22 Search Committee, Director, Neonatal Intensive Care Unit, Women & Infants’ Hospital
- 2022 Search Committee, Chief, Department of Pathology, Rhode Island Hospital

UNIVERSITY COMMITTEES

- 1995 Search Committee, Pediatric Critical Care Faculty
- 1997 Search Committee, Pediatric Surgery Faculty (Chair)
- 1997 – Multidisciplinary Antenatal Diagnosis And Management Conference (Co-Director)
- 1999 Advisory Committee, Department of Surgery Chair Search
- 2000 – 01 Advisory Committee, Department of Surgery Chair Search
- 2000 Search Committee, Chair of Neurosciences
- 2000 Search Committee, Pediatric Emergency Medicine Faculty
- 2001 – Biomedical Faculty Council, Brown University
- 2002 – 03 Search Committee, Chairman of Pediatrics
- 2005 – Promotions and Appointments Committee, Department of Surgery
- 2007 – 09 Search Committee, Chief of Division of Trauma and Critical Care (Chair)
- 2007 – 08 Search Committee, Pediatric Infectious Diseases Faculty
- 2007 – 10 Medical Faculty Executive Committee, Brown University

- 2009 – 10 Search Committee, Chief of Division of Pediatric Cardiology
- 2019 – Search Committee, Chief of Division of Pediatric Infectious Diseases
- 2019 Search Committee, Chief of Division of Pediatric Gastroenterology & Nutrition (Chair)
- 2019 – 20 Search Committee, Chief of Division Hepato-Pancreatico-Biliary Surgery (Chair)
- 2020 – Search Committee, Chief of Neonatology
- 2020 – Search Committee, Chief of Pediatric Intensive Care Medicine
- 2021 – 22 Search Committee, Chief of Division of Pediatric Surgery (Chair)

MEMBERSHIPS IN SOCIETIES AND NATIONAL COMMITTEES

- 1990 – American College of Surgeons (Fellow, 1997 – member ID# 3005048)
- 1991 – Trauma Association of Canada
- 1991 – Société Française de Chirurgie Pédiatrique
- 1992 – Canadian Association of Paediatric Surgeons
 - 1996 – 01 Committee on laparoscopy
 - 2001 – 06 Publications Committee
 - 2012 – 18 Committee on bilingualism
- 1992 – Belgian Association of Pediatric Surgery
- 1993 – International Fetal Medicine & Surgery Society
 - 2011 President-Elect
 - 2013 – 14 President
 - 2017 – 20 President-at-Large
 - 2012 – 20 Member, Executive Board
- 1994 – Providence Surgical Society/R.I. Chapter, A.C.S.
- 1996 – American Academy of Pediatrics (Specialty Fellow, Surgical Section) ID#174370
- 1996 – Pediatric Oncology Group/Children’s Oncology Group
- 1997 – International Pediatric Endosurgery Group
 - 2000 – 08 Standards/Ethics Committee
 - 2021 – Technology, Entrepreneurship and Commercialization Committee
- 1998 – American Pediatric Surgical Association
 - 2001 – 05 Publications Committee
 - 2003 – 09 Fetal Diagnosis and Treatment Committee (Chair 2007-09)
 - 2015 – 18 Publications Committee
 - 2016 – 22 Informatics/Telemedicine Committee (Vice-Chair 2019-21; Chair 2021 – 22)
 - 2016 – 21 Web Site Subcommittee (Chair 2016-21)
 - 2020 – 22 Education Committee
- 1998 – New England Surgical Society
- 1999 – Society of University Surgeons

- 2001 – 03 Membership Committee
- 2001 – Birth Defects Surveillance Advisory Committee, R.I. Department of Health
- 2004 – National Institutes of Health Workshop: Fetal Treatment: Needs Assessment And Future Directions, August 2004, Potomac, MD (invited participant)
- 2005 – North American Fetal Therapy Network (NAFTNet)
- 2005 – Steering Committee
- 2006 – Web site Committee (Chair 2006-12)
- 2008 – 18 Board of Directors
- 2012 – 15 Chair, Steering Committee
- 2016 – 18 Board of Directors (Vice-Chair)
- 2005 – Data and Safety Monitoring Board, Fetal Cardiac Surgery Program, Boston Children’s Hospital-Harvard Medical School (Acting Chair)
- 2007 – 09 Data and Safety Monitoring Board, Collagen Plugs for Premature Rupture of Membranes Trial, Texas Children’s Hospital (Chair)
- 2009 – 20 Data and Safety Monitoring Board, Fetal Endoscopic Tracheal Occlusion (FETO) trial
- 2010 – American Surgical Association
- 2010 – Association of Medical Illustrators (Associate Member)
- 2023 – 24 Member, AMI Diversity Fellowship Advisory Council
- 2012 – Pediatric Trauma Society
- 2014 – Eastern Association for the Surgery of Trauma (Senior Member)
- 2018 Eunice Kennedy Shriver National Institute of Child Health and Development (NICHD)’s Strategic Planning Working Group (invited participant)

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Luks FI: An easy approach to the slit catheter technique for intra-compartmental pressure measurement. *Surg Gynecol Obstet* 167:518-520, 1988.
2. Luks FI, Hansbrough F, Klotz DH, Jr., Kottmeier PK, Tolete-Velcek F: Early gender assignment in true hermaphroditism. *J Pediatr Surg* 23:1122-1126, 1988.
3. Luks FI, Huntley HN, Tula JC, Pizzi WF: Small-bowel obstruction by an inflatable penile prosthesis. *Surgery*, 106:101-104, 1989.
4. Luks FI, Picard DL, Pizzi WF: Electrocardiographic guidance for percutaneous placement of central venous catheters. *Surg Gynecol Obstet* 169:157-158, 1989.
5. Lee HS, Lamaute HR, Pizzi WF, Picard DL, Luks FI: Acute gastro-duodenal perforation associated with use of crack. *Ann Surg* 210:15-17, 1990.
6. Luks FI, Shah MN, Bulaitan MC, Lopresti PA, Pizzi WF: Adult foregut duplication. *Surgery* 108:101-104, 1990.
7. Luks FI, Yazbeck S, Brandt ML, Desjardins JG: Fièvre transitoire associée à la réduction de l’invagination intestinale. *Chir Pédiatr* 31:157-159, 1990.
8. Brandt ML, Luks FI, Filiatrault D, Desjardins JG, Youssef S: Surgical indications for antenatally diagnosed ovarian cysts. *J Pediatr Surg* 26:276-282, 1991.
9. Brandt ML, Luks FI, St Vil D, Laberge JM, Laberge-Caouette L, Blanchard H: The use of

- Glisson's capsule flap in reduced orthotopic liver transplantation in children. *Surg Gynecol Obstet* 172:321-322, 1991.
10. Bass J, Luks F, Yazbeck S: Long term follow-up of sacro-coccygeal teratomas with emphasis on ano-rectal function. *Pediatr Surg Int* 6:119-121, 1991.
 11. Luks FI, Battaglia SA, Picard DL, Pizzi WF: A reappraisal of exclusion angiography in gunshot wounds of the extremities. *Vasc Surg* 25:295-300, 1991.
 12. Andzé GO, Luks FI, Bensoussan AL, Blanchard H: Place du traitement chirurgical du reflux gastro-oesophagien chez l'enfant atteint d'asthme sévère. *Pédiatrie* 46:451-454, 1991.
 13. St-Vil D, Luks FI, Lebel P, Brandt ML, Paradis K, Weber A, Guay J, Bensoussan AL, Laberge JM, Blanchard H: Infectious complications of pediatric liver transplantation. *J Pediatr Surg* 26:908-913, 1991.
 14. Luks FI, Yazbeck S, Brandt ML, Bensoussan AL, Brochu P, Blanchard H: Benign liver tumors in children. A 25 year experience. *J Pediatr Surg* 26:1326-1331, 1991.
 15. Luks FI, Chung MA, Brandt ML, Hertecant J, Roy CC, Blanchard H, Bensoussan AL: Pneumatoxis in chronic idiopathic intestinal pseudo-obstruction. *J Pediatr Surg* 26:1384-1386, 1991.
 16. Yazbeck S, Luks FI, St-Vil D: Anterior perineal approach and three flap anoplasty for imperforate anus: optimal reconstruction with minimal destruction. *J Pediatr Surg* 27: 190-195, 1992.
 17. Hancock BJ, St-Vil D, Luks FI, DiLorenzo M, Blanchard H: Complications of lymphangiomas in children. *J Pediatr Surg* 27: 220-226, 1992.
 18. Brandt ML, Luks FI, Spigland NA, DiLorenzo M, Laberge JM, Ouimet A: Diaphragmatic injuries in children. *J Trauma* 32:298-301, 1992.
 19. St-Vil D, Luks FI, Hancock BJ, Garel L, Brochu P, Bensoussan AL: Diaphragm of the gallbladder. *J Pediatr Surg* 27:1301-1303, 1992.
 20. St-Vil D, Yazbeck S, Luks FI, Filiatrault D: Cholelithiasis in newborns and infants. *J Pediatr Surg* 27:1305-1307, 1992.
 21. St-Vil D, LeBouthillier G, Luks FI, Bensoussan AL, Blanchard H, Youssef S: Neonatal gastrointestinal perforations. *J Pediatr Surg* 27:1340-1342, 1992.
 22. St-Vil D, Luks FI, Derouin M, Bensoussan AL, Blanchard H, Filiatrault D: Les kystes du cholédoque de l'enfant: expérience de l'hôpital Ste-Justine. *Ann Chir* 46:821-825, 1992.
 23. Luks FI, Yazbeck S, Perreault G, Desjardins JG: Changes in the presentation of intussusception. *Am J Emerg Med* 10:574-756, 1992.
 24. Luks FI, St-Vil D, Farrell CA, Angaté H, Chartrand C: Inadvertent pericardiaco-phrenic vein catheterization. *Chest* 102:1635, 1992.
 25. Luks FI, Lemire A, St-Vil D, DiLorenzo M, Filiatrault D, Ouimet A: Blunt abdominal trauma in children: the practical value of ultrasonography. *J Trauma* 34:607-611, 1993.
 26. Luks FI, Yazbeck S, Homsy Y, Collin PP: Abdominoscrotal hydrocele. *Eur J Pediatr Surg* 3:176-178, 1993.
 27. Luks FI, De Paepe ME, DiLorenzo M, Mercier C, Desjardins JG: Tailgut remnant — or teratoma? *Eur J Pediatr Surg* 3:182-185, 1993.
 28. Lallier M, St-Vil D, Luks FI, Laberge JM, Bensoussan AL, Guttman FM, Blanchard H: Biliary tract complications in pediatric orthotopic liver transplantation. *J Pediatr Surg* 28:1102-5, 1993.
 29. Luks FI, St-Vil D, Hancock BJ, Laberge JM, Bensoussan AL, Mitchell G, Russo P, Lambert M, Blanchard H: Surgical and metabolic aspects of liver transplantation for tyrosinemia. *Transplantation* 56:1376-1380, 1993.
 30. Lallier M, St-Vil D, Luks FI, Laberge JM, Bensoussan AL, Blanchard H: Complications biliaires en transplantation hépatique pédiatrique. *Ann Chir* 47:821-825, 1993.
 31. Bruneau N, St-Vil D, Luks FI, Laberge JM, Bensoussan AL, Blanchard H: Les aspects

- chirurgicaux et métaboliques de la transplantation hépatique pour la tyrosinémie. *Ann Chir* 47:803-809, 1993.
32. Luks FI, Deprest J, Marcus M, Vandenberghe K, Vertommen JD, Lerut T, Brosens I: Carbon dioxide pneumoamnios causes acidosis in fetal lamb. *Fetal Diagn Ther* 9:105-109, 1994.
 33. Luks FI, Deprest JA, Vandenberghe K, Laermans I, Desimpelaere L, Brosens IA, Lerut T: Fetoscopy-guided fetal endoscopy in a sheep model. *J Am Coll Surg* 178:609-612, 1994.
 34. Luks FI, Deprest J, Brosens I, Lerut T: Extracorporeal surgical knot. *J Am Coll Surg* 179:220-222, 1994.
 35. Luks FI, Deprest JA, Vandenberghe K, Brosens IA, Lerut T: A model for fetal surgery through intra-uterine endoscopy. *J Pediatr Surg* 29:1007-1009, 1994.
 36. Brandt ML, Luks FI, Lacroix J, Guay J, Collin PP, DiLorenzo M: The paediatric chest tube. *Clin Intens Care* 5:123-129, 1994.
 37. Luks FI, Deprest JA, Peers KHE, Desimpelaere L, Vandenberghe K: Infrared fetoscopy in the sheep. *Fetal Diagn Ther* 9:327-330, 1994.
 38. van der Wildt B, Luks FI, Steegers EAP, Deprest JA, Peers KHE: Absence of electrical uterine activity after endoscopic access for fetal surgery in the Rhesus monkey. *Eur J Obstet Gynecol Reprod Biol* 58:213-214, 1995.
 39. Deprest JA, Luks FI, Vandenberghe K, Brosens IA, Lerut T, Van Assche FA: Intra-uterine video-endoscopic creation of lower urinary tract obstruction in the fetal lamb. *Am J Obstet Gynecol* 172:1422-1426, 1995.
 40. Luks FI, Peers KHE, Deprest JA, Lerut TE: Gasless laparoscopy in infants: The rabbit model. *J Pediatr Surg* 30:1206-1208, 1995.
 41. Luks FI, Gilchrist BF, Jackson BT, Piasecki GJ: Endoscopic tracheal obstruction with an expanding device in a fetal lamb model. Preliminary considerations. *Fetal Diagn Ther* 11:67-71, 1996.
 42. Luks FI, Peers KHE, Deprest JA, Lerut TE, Vandenberghe K: The effect of open and endoscopic fetal surgery on uteroplacental oxygen delivery in the sheep. *J Pediatr Surg* 31:310-314, 1996.
 43. Chen EA, Luks FI, Gilchrist BF, Wesselhoeft CW, Jr., DeLuca FG: Pyloric stenosis in the age of ultrasonography: Fading skills, better patients? *J Pediatr Surg* 31:829-830, 1996.
 44. DeLuca FG, Wesselhoeft CW, Gilchrist BF, Paquette E, Wesselhoeft CW, Luks FI: External compression as initial management of giant omphaloceles. *J Pediatr Surg* 31:965-967, 1996.
 45. Guluserian KJ, Gilchrist BF, Luks FI, Wesselhoeft CW, Jr., DeLuca FG: Child abuse as a cause of traumatic chylothorax. *J Pediatr Surg* 31:1696-1697, 1996.
 46. Pricolo VE, Potenti FM, Luks FI. Selective preservation of the anal transition zone in ileo-anal pouch procedures. *Dis Colon Rectum* 39:871-877, 1996.
 47. Deprest JA, Evrard V, Flageole H, Van Ballaer P, Laermans I, Peers K, Luks FI. Intra-uterine endoscopic surgery in animal models: the Leuven experience. *Réf Gynécol Obstét* S63-65, 1996.
 48. Papadakis K, Luks FI, De Paepe ME, Piasecki GJ, Wesselhoeft CW, Jr. Fetal lung growth after tracheal ligation is not solely a pressure phenomenon. *J Pediatr Surg* 32:347-351, 1997.
 49. Gilchrist BF, Luks FI, DeLuca FG, Wesselhoeft CW, Jr. A modified feeding Roux-en-Y jejunostomy in the neurologically damaged child. *J Pediatr Surg* 32:588-589, 1997.
 50. Luks FI, Deprest JA, Gilchrist BF, Peers KHE, van der wildt B, Steegers EAP, Vandenberghe K. Access techniques in endoscopic fetal surgery. *Eur J Pediatr Surg* 7:131-134, 1997.
 51. Evrard VAC, Verbeke K, Peers KH, Luks FI, Lerut AE, Vandenberghe K, Deprest JAM. Amnioinfusion with Hartmann's solution: A safe distention medium for endoscopic fetal

- surgery in the ovine model. *Fetal Diagn Ther* 12:188-192, 1997.
52. Ng T, Lessin MS, Luks FI, Wallach MT, Wesselhoeft CW, Jr. Wandering spleen presenting as duodenal obstruction after congenital diaphragmatic hernia repair. *J Pediatr Surg* 32:1790-2, 1997.
 53. De Paepe ME, Papadakis K, Johnson BD, Luks FI. Fate of the type II pneumocyte following tracheal occlusion in utero: A time-course study in fetal sheep. *Virchows Arch* 432:7-16, 1998.
 54. De Paepe ME, Papadakis K, Johnson BD, Luks FI. Temporal pattern of accelerated lung growth in the fetal rabbit. *Am J Pathol* 152:179-190, 1998.
 55. Lessin MS, Luks FI, Wesselhoeft CW, DeLuca FG. Peritoneal drainage as definitive treatment for intestinal perforation in the micro-premature (< 750 g) infant. *J Pediatr Surg* 33:370-2, 1998.
 56. Lessin MS, Luks FI. Laparoscopic appendectomy and duodenocolic dissociation (L.A.D.D.) procedure for malrotation. *Pediatr Surg Int* 13:184-185, 1998.
 57. Papadakis K, Luks FI, Deprest JA, Evrard V, Flageole H, Miserez M, Lerut TE. Single-port tracheoscopic surgery in the fetal lamb. *J Pediatr Surg* 33:918-920, 1998.
 58. Papadakis K, De Paepe ME, Tackett LD, Piasecki GJ, Luks FI. Temporary tracheal occlusion causes catch-up lung maturation in a fetal model of diaphragmatic hernia. *J Pediatr Surg* 33:1030-1037, 1998.
 59. Luks FI, Johnson BD, Papadakis K, Traore M, Piasecki GJ. Predictive value of monitoring parameters in fetal surgery. *J Pediatr Surg* 33:1297-1301, 1998.
 60. Papadakis K, Chen EA, Luks FI, Lessin MS, Wesselhoeft CW, Jr., DeLuca FG. The changing presentation of pyloric stenosis. *Am J Emerg Med* 17:67-69, 1999.
 61. Lessin MS, Luks FI, Brem AS, Wesselhoeft CW, Jr.: Primary laparoscopic placement of peritoneal dialysis catheters in children and young adults. *Surg Endosc* 13:1165-1167, 1999.
 62. Tackett LD, Breuer CK, Luks FI, Caldamone AA, Efthemiou E, Wesselhoeft CW, Jr.: Incidence of contralateral inguinal hernia: a prospective analysis. *J Pediatr Surg* 34:684-688, 1999.
 63. De Paepe ME, Sardesai MP, Johnson BD, Papadakis K, Luks FI: Role of apoptosis in normal and accelerated lung development in fetal rabbits. *J Pediatr Surg* 34:863-871, 1999.
 64. Deprest JA, Luks FI, Peers KHE, D'Olieslager J, Van Ginderdeuren R: Natural protective mechanisms against endoscopic white-light injury in the fetal lamb eye. *Obstet Gynecol* 94:124-127, 1999.
 65. Luks FI, Deprest JA, Peers KH, Steegers EA, van der Wildt B. Gelatin sponge plug to seal fetoscopy port sites: technique in ovine and primate models. *Am J Obstet Gynecol* 181:995-6, 1999.
 66. Lessin MS, Chan M, Catalozzi M, Gilchrist BF, Richards C, Manera L, Wallach MT, Luks FI: Selective use of ultrasonography for acute appendicitis in children. *Am J Surg* 177:193-6, 1999.
 67. Luks FI, Logan J, Papadakis K, Breuer CK, Kurkchubasche AG, Wesselhoeft CW, Jr., Tracy TF: Cost-effectiveness of laparoscopy in children. *Arch Pediatr Adolesc Med* 153:965-8, 1999.
 68. De Paepe ME, Johnson BD, Papadakis K, Luks FI: Lung growth response after tracheal occlusion in fetal rabbits is gestational age-dependent. *Am J Resp Cell Mol Biol* 21:65-76, 1999.
 69. Lessin MS, Wesselhoeft CW, Luks FI, DeLuca FG. Primary repair of long gap esophageal atresia by mobilization of the distal esophagus. *Eur J Pediatr Surg* 9:369-372, 1999.
 70. Roggin KK, Breuer CK, Carr SR, Kurkchubasche AG, Wesselhoeft CW, Jr., Tracy TF, Jr., Luks FI. The unpredictable character of congenital cystic lung lesions. *J Pediatr Surg* 35:801-5, 2000.
 71. Wild YK, Piasecki GJ, De Paepe ME, Luks FI. Short-term tracheal occlusion in fetal lambs with diaphragmatic hernia improves lung function, even in the absence of lung growth. *J Pediatr*

- Surg 35:775-779, 2000.
72. Liao SL, Luks FI, Piasecki GJ, Wild YK, Papadakis K, De Paepe ME. Late-gestation tracheal occlusion in the fetal lamb causes rapid lung growth with type II cell preservation. *J Surg Res* 92:64-70, 2000.
 73. Luks FI, Wild YK, Piasecki GJ, De Paepe ME. Short-term tracheal occlusion corrects pulmonary vascular anomalies in the fetal lamb with diaphragmatic hernia. *Surgery* 128:266-272, 2000.
 74. Luks FI. Requirements for fetal surgery: The diaphragmatic hernia model. *Eur J Obstet Gynecol Reprod Biol* 92:115-118, 2000.
 75. De Paepe ME, Rubin LP, Jude C, Lesieur-Brooks AM, Mills DR, Luks FI. Fas-Ligand expression coincides with alveolar cell apoptosis in late-gestation fetal lung development. *Am J Physiol* 279:L967-976, 2000.
 76. Luks FI, Roggin KK, Wild YK, Piasecki GJ, Lesieur-Brooks AM, De Paepe ME. Effect of lung fluid composition on type II cellular activity after tracheal occlusion in the fetal lamb. *J Pediatr Surg* 36:196-201, 2001.
 77. Luks FI, De Paepe ME. Molecular mechanisms in the pathogenesis of congenital diaphragmatic hernia and rationale for in utero treatment. *New Surgery* 1:158-162, 2001.
 78. Luks FI, Carr SR, Ponte B, Rogg JM, Tracy TF, Jr. Preoperative planning with magnetic resonance imaging and computerized volume rendering in twin-to-twin transfusion syndrome. *Am J Obstet Gynecol* 185:216-219, 2001.
 79. De Paepe ME, Burke S, Luks FI, Pinar H, Singer DB. Demonstration of placental vascular anatomy in monochorionic twin gestations. *Pediatr Dev Pathol* 5:37-44, 2002.
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Interactive display for surgery with mother and daughter video feeds

Luks FI, Merck D

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Interactive display for surgery with mother and daughter video feeds

Luks FI, Merck D

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Application # 17/244,390 (filed 4/29/2021)

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 100. Truitt AK, Sorrells DL, Halvorson E, Gormley P, Kurkchubasche AG, Tracy TF, Jr., Luks FI. Pulmonary embolism: Which pediatric trauma patients are at risk? Annual Meeting of the American Pediatric Surgical Association, May 24-27, 2004, Fort Lauderdale, FL.
 101. Lui F, Gormley P, Sorrells DL, Biffi WL, Kurkchubasche AG, Tracy TF, Jr., Luks FI. Pediatric trauma patients with isolated airway compromise or GCS<8: Does immediate attending surgeon presence make a difference? Annual Meeting of the American Pediatric Surgical Association, May 24-27, 2004, Fort Lauderdale, FL.
 102. Kurkchubasche AG, Chang J, Luks FI, Sorrells DL, Wesselhoeft CW, Tracy TF, Jr. Incidence and clinical relevance of Wolffian duct remnants in females. Annual Meeting of the American Pediatric Surgical Association, May 24-27, 2004, Fort Lauderdale, FL.
 103. Vrochides DV, Sorrells DL, Jr., Kurkchubasche AG, Wesselhoeft CW, Jr., Tracy TF, Jr., Luks FI. Is There a Role for Routine, Preoperative ERCP for Suspected Choledocholithiasis in Children? Annual Meeting of the New England Surgical Society, Montreal, October 1-3, 2004.
 104. Kwon A, Sorrells DL, Jr., Cassese J, Kurkchubasche AG, Tracy TF, Jr., Luks FI. Isolated ct diagnosis of pulmonary contusion does not affect morbidity in pediatric trauma patients.

- Annual Meeting of the American Pediatric Surgical Association, May 29-June 1, 2005, Phoenix, AZ.
105. Luks FI, Carr SR, Cassese C, Kurkchubasche AG, Tracy TF, Jr., Rubin LP. Surgical counseling for congenital lung lesions – the keyhole factor. 24th Annual meeting of the International Fetal Medicine and Surgery Society, May 22-25, 2005, Helsingor, Denmark.
 106. Luks FI, Carr SR, Sorrells DL, Jr., Tracy TF, Jr. Clinical experience with the gelatin sponge plug after endoscopic fetal surgery – minimizing the risk of PPRM. 24th Annual meeting of the International Fetal Medicine and Surgery Society, May 22-25, 2005, Helsingor, Denmark.
 107. Ballard-Dwan J, Carr SR, Tracy TF, Jr., Cassese C, Luks FI. Selective use of laser ablation in severe (stages I-IV) Twin-To-Twin Transfusion Syndrome. 24th Annual meeting of the International Fetal Medicine and Surgery Society, May 22-25, 2005, Helsingor, Denmark.
 108. Ballard-Dwan JE, Carr SR, Sorrells DL, Jr., Luks FI. Antenatal imaging of Treacher Collins Syndrome and Ex Utero Intrapartum Treatment (EXIT) for airway management of micrognathia at delivery – a case report. 24th Annual meeting of the International Fetal Medicine and Surgery Society, May 22-25, 2005, Helsingor, Denmark.
 109. Chang J, Carr SR, Tracy TF, Jr., Luks FI. Port insertion and removal techniques to minimize premature rupture of the membranes in endoscopic fetal surgery. Annual Conference, Canadian Association of Paediatric Surgeons, September 2005, Quebec.
 110. Luks FI, Sorrells DL, Jr., Kurkchubasche AG, Tracy TF, Jr. The “scarless” appendectomy. Annual Conference, Canadian Association of Paediatric Surgeons, September 2005, Quebec.
 111. Truitt AK, Sorrells DL, Jr., Carr SR, Kurkchubasche AG, Tracy TF, Jr., Luks FI. Perinatal management of congenital cystic lung lesions in the age of minimally invasive surgery. Annual Conference, Canadian Association of Paediatric Surgeons, September 2005, Quebec.
 112. Ballard Dwan J, Carr SR, Tracy TF, Jr., Cassese C, Luks FI. Restricting LASER to stage III – IV Twin-to-Twin Transfusion Syndrome does not worsen outcome. Poster presentation, Annual Meeting of the Society of Maternal-Fetal Medicine, February 2006, Miami, FL.
 113. Carr SR, Luks FI, Carpenter M, Lewi L, Devlieger R, Jani J, Deprest JA. Survival after laser surgery for TTTS: When are they out of the woods? Poster presentation, Annual Meeting of the Society of Maternal-Fetal Medicine, February 2006, Miami, FL.
 114. McKee JQ, Kim DS, Luks FI. Retroperitoneal laparoscopic resection of intraabdominal pulmonary sequestration. Annual Conference of the International Pediatric Endoscopy Group (IPEG) and the Society of American Gastrointestinal and Endoscopic Surgeons, April 2006, Dallas, TX.
 115. Kim DS, Luks FI. Conversion to laparoscopy. 15th International Congress of the Society Of Laparoendoscopic Surgeons, September 2006, Boston, MA.
 116. Tan TW, Kim DS, Wallach MT, Mangray S, Luks FI. Thoracoscopic resection of a giant thymolipoma. 15th International Congress of the Society Of Laparoendoscopic Surgeons, September 2006, Boston, MA.
 117. Johnstone JK, Kim DS, Cassese J, Kim M, Luks FI. Adrenocortical insufficiency secondary to traumatic bilateral adrenal hemorrhage in a child. Annual Meeting of the New England Surgical Society, September 2006, Mystic, CT.
 118. Young J, Kim DS, Muratore CS, Kurkchubasche AG, Tracy TF, Jr., Luks FI. Postoperative bowel obstruction in infants and children. Annual Meeting of the Surgical Section of the American Academy of Pediatrics, October 2006, Atlanta, GA.
 119. Luks FI, Muratore CS, McMurdy JW, Curran S, Carr SR, Crawford GP. Reflectance spectrometry for real-time hemoglobin determination of placental vessels during endoscopic

- laser surgery for TTTS. 26th Annual meeting of the International Fetal Medicine and Surgery Society, April 29-May 2, 2007, Aruba.
120. Luks FI, Carr SR, Caldamone AA, Feit LR. Teaching fetal medicine to the next generation of physicians. 26th Annual meeting of the International Fetal Medicine and Surgery Society, April 29-May 2, 2007, Aruba.
 121. Muratore CS, Carr SR, Lewi L, Devlieger R, Carpenter MW, Jani J, Deprest JA, Luks FI. Survival after laser surgery for TTTS: When are they out of the woods? 26th Annual meeting of the International Fetal Medicine and Surgery Society, April 29-May 2, 2007, Aruba.
 122. Abodeely A, Cheah YL, Ryder BA, Luks FI. Eliminating paradoxical imaging during laparoscopic surgery in the age of head-mounted display. Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), April 2008, Philadelphia.
 123. Martin AE, Khan A, Kim DS, Muratore CS, Luks FI. The use of intraabdominal tissue expanders as a primary strategy for closure of giant omphaloceles. Annual Meeting of the American Pediatric Surgical Association, May 29-31, 2008, Phoenix, AZ.
 124. Muratore CS, Carr SR, Lewi L, Devlieger R, Carpenter MW, Jani J, Deprest JA, Luks FI. Survival after laser surgery for TTTS: When are they out of the woods? Annual Meeting of the American Pediatric Surgical Association, May 29-31, 2008, Phoenix, AZ.
 125. Muratore CS, Luks FI, Zhou Y, Harty M, Tracy TF, Jr. Pseudoglandular lung development is altered by endotoxin and tracheal occlusion. Annual Meeting of the American Pediatric Surgical Association, May 29-31, 2008, Phoenix, AZ.
 126. Prendergast CJ, Ryder BA, Abodeely A, Crawford GP, Luks FI. Surgical performance with head-mounted displays in laparoscopic surgery. 17th Annual Congress of the International Pediatric Endosurgery Group (IPEG), June 2008, Cannes, France.
 127. Martin AE, Chen JY, Muratore CS, Mayo-Smith WW, Luks FI. Dual localization technique for thoracoscopic resection of lung lesions in children. 17th Annual Congress of the International Pediatric Endosurgery Group (IPEG), June 2008, Cannes, France.
 128. Muratore CS, Luks FI, Yonghong Z, Reichner J, Tracy TF, Jr. Pseudoglandular lung development is altered by tracheal occlusion. *J Surg Res* 144:321-322, 2008.
 129. Muratore CS, Luks FI, Yonghong Z, Harty M, Reichner J, Tracy TF, Jr. Endotoxin alters branching morphogenesis and matrix deposition of the fetal lung. *J Surg Res* 144:325, 2008
 130. O'Brien BM, Luks FI, Feltovich HM, Block WA, Jr., Carr SR, Muratore CS. First (and hopefully last) case of feto-fetal transfusion syndrome in monozygotic quadruplets. 27th Annual meeting of the International Fetal Medicine and Surgery Society, September 12-16, 2008, Athens, Greece.
 131. Ahmed S, Luks FI, O'Brien BM, Muratore CS, Carr SR. Meta-analysis of endoscopic laser surgery for TTTS- influence of experience, case-load and stage distribution on outcome. 27th Annual meeting of the International Fetal Medicine and Surgery Society, September 12-16, 2008, Athens, Greece.
 132. Luks FI, Mayo-Smith WW, Carr SR, Kostandinov S, O'Brien BM, Muratore CS. Pathologic findings after radiofrequency ablation of an acardiac fetus – risk of collateral damage? 27th Annual meeting of the International Fetal Medicine and Surgery Society, September 12-16, 2008, Athens, Greece.
 133. Muratore CS, Carr SR, De Paepe ME, O'Brien BM, Padbury JF, Tracy TF, Luks FI. Lung growth and cell proliferation after late-gestation tracheal occlusion for diaphragmatic hernia and extreme pulmonary hypoplasia. 27th Annual meeting of the International Fetal Medicine and Surgery Society, September 12-16, 2008, Athens, Greece.

134. Glick S, Silverman K, Silverman HF, Aidlen JT, Luks FI. Head-motion-controlled video goggles: Preliminary concept for an interactive Laparoscopic Image Display (i-LID). 18th Annual Congress of the International Pediatric Endosurgery Group (IPEG), April 2009, Phoenix, AZ
135. Luks FI, Carr SR, Muratore CS, O'Brien BM, Tracy TF, Jr. The pediatric surgeons' approach to in-utero treatment of feto-fetal transfusion syndrome. 129th Annual Meeting of the American Surgical Association, April 2009, Indian Wells, CA
136. Curran S, McMurdy J, Carr SR, Muratore CS, O'Brien BM, Crawford GP, Luks FI. Reflectance spectrometry for real-time hemoglobin determination of placental vessels during endoscopic laser surgery for TTTS. Annual Meeting of the American Pediatric Surgical Association, May 28-30, 2009, Fajardo, PR.
137. Romain C, Martin AE, Muratore CS, Luks FI. High incidence of pneumatoceles after thoracoscopic treatment of empyema in children. Annual meeting of the New England Surgical Society, September 2009, Newport, RI.
138. Petersen S, Lewi P, Diemert A, Lewi L, Dickinson J, Pennell C, Luks FI, Hecher K, Gardener G, Deprest J. Fetoscopic entry technique affects the rate of preterm membrane rupture and preterm birth before 32 weeks. 30th Annual Meeting of the Society for Maternal-Fetal Medicine, February 1-6, 2010, Chicago, IL. Am J Obstet Gynecol 2009 doi:10.1016/j.ajog.2009.10.583
139. Skupski DW, Luks FI, Walker M, Papanna R, Moldenhauer J, Bahtiyar OM, Moise KJ, Johnson A, Johnson MA. Pre-operative predictors of fetal and neonatal death after laser ablation of placental anastomoses for twin to twin transfusion syndrome. 30th Annual Meeting of the Society for Maternal-Fetal Medicine, February 1-6, 2010, Chicago, IL.
140. Glick S, Silverman K, Silverman HF, Aidlen JT, Luks FI. Head-motion-controlled video goggles: Preliminary concept for an interactive Laparoscopic Image Display (i-LID). Belgian surgical Week, Belgian Association of Pediatric Surgery, April 30, 2010, Ostend, Belgium.
141. Luks FI. Blast injuries – and the pivotal role of trauma surgeons. Acta Chirurg Belg 110:109, 2010.
142. Di Renzo D, Lombardo M, Caldamone AA, Luks FI. Laparoscopic two-stage Fowler-Stephens orchidopexy for abdominal testis. Annual Meeting of the American Pediatric Surgical Association, May 16-19, 2010, Orlando, FL.
143. Martin AE, Luks FI. Right thoracoscopy for bilateral congenital cystic lung lesions. Annual Meeting of the American Pediatric Surgical Association, May 16-19, 2010, Orlando, FL.
144. Skupski DW, Luks FI, Walker M, Papanna R, Moldenhauer J, Bahtiyar OM, Moise KJ, Johnson A, Johnson MA. Pre-operative predictors of fetal and neonatal death after laser ablation of placental anastomoses for twin to twin transfusion syndrome. Prenatal Diagn 30:S1, 2010.
145. Ciullo S, Lombardo M, Aidlen JT, Luks FI. Laparoscopic Repair of Giant Congenital Paraesophageal Hernia. 20th Annual Congress of the International Pediatric Endosurgery Group (IPEG), April 2011, Prague (Czech Republic).
146. Masimi T, Lombardo M, Aidlen JT, Luks FI. Laparoscopically assisted surgery to repair jejuno-ileal atresia in newborns combines minimally invasive identification and isolation of the atresia with open repair of the defect. 20th Annual Congress of the International Pediatric Endosurgery Group (IPEG), April 2011, Prague (Czech Republic).
147. Lombardo M, Watson-Smith D, Muratore CS, Carr SR, O'Brien BM, Luks FI. Laser ablation of placental vessels in twin-to-twin transfusion syndrome – a paradigm for endoscopic fetal surgery. 20th Annual Congress of the International Pediatric Endosurgery

- Group (IPEG), April 2011, Prague (Czech Republic).
148. Kowitz B, Watson-Smith D, Tucker R, Muratore CS, O'Brien BM, Vohr B, Carr SR, Luks FI. Long-term morbidity after fetal endoscopic surgery for severe twin-to-twin transfusion syndrome. Annual Meeting of the American Pediatric Surgical Association, May 22-25, 2011, Palm Desert, CA.
 149. Thakkar RK, Steigman SA, Aidlen JT, Luks FI. L'individualisation de l'image augmente l'efficacité en coelioscopie. 20th Annual Meeting of the Groupe d'Etude de Coelioscopie Infantile (GECI), October 2011, Tours (France).
 150. Duron VP, Day K, Steigman S, Aidlen JT, Luks FI. Low intervention rate for blunt pediatric spleen injury in a children's hospital setting. American College of Surgeons/Committee on Trauma Resident Conference, November 7, 2011, Boston.
 151. Day K, Duron VP, Steigman S, Aidlen JT, Luks FI. Low intervention rate for blunt pediatric spleen injury in a children's hospital setting. Templeton Pediatric Trauma Symposium, March 1-3, 2012, Philadelphia, PA.
 152. Thakkar RK, Steigman SA, Aidlen JT, Luks FI. Individualized Image Display Improves Performance in Laparoscopic Surgery. 20th Annual Congress of the International Pediatric Endosurgery Group (IPEG), April 2012, San Diego, CA.
 153. Watson-Smith D, Muratore CS, Steigman S, Aidlen JT, Kurkchubasche AG, Tracy TF, Jr., Luks FI. Giant omphalocele v. gastroschisis: A 5-year cohort study. 31st Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), March 30-April 3, 2012, Queenstown, New-Zealand.
 154. Duron VP, Watson-Smith D, Benzuly S, Muratore CS, O'Brien BM, Carr SR, Luks FI. Maternal and fetal safety of fluid-restrictive general anesthesia for endoscopic fetal surgery in monozygotic twin gestations. 31st Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), March 30-April 3, 2012, Queenstown, New-Zealand.
 155. De Paepe ME, Shapiro S, Hanley C, Luks FI. Correlation between cord insertion type and superficial choriovasculature in diamniotic-monozygotic twin placentas. 31st Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), March 30-April 3, 2012, Queenstown, New-Zealand.
 156. De Paepe ME, Chu S, Heger N, Hall S, Mao QF, Luks FI. Resilience of the human fetal lung following stillbirth: Potential relevance for pulmonary regenerative medicine. 31st Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), March 30-April 3, 2012, Queenstown, New-Zealand.
 157. Skupski DW, Luks FI, Walker M, Papanna R, Bebbington M, Ryan G, O'Shaughnessy R, Moldenhauer J, Bahtiyar O. Pre-operative predictors of death in twin-to-twin transfusion syndrome treated with laser ablation of placental anastomoses: Improved specificity with recursive partitioning. 31st Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), March 30-April 3, 2012, Queenstown, New-Zealand.
 158. Duron VP, Watson-Smith D, Benzuly S, Muratore CS, O'Brien BM, Carr SR, Luks FI. Maternal and fetal safety of fluid-restrictive general anesthesia for endoscopic fetal surgery in monozygotic twin gestations. Society for Obstetrical Anesthesia and Perinatology Annual Meeting, May 3-5, 2012, Monterey, CA.
 159. Bates MF, Khandar A, Steigman SA, Aidlen JT, Luks FI. Toward a zero negative appendectomy rate in children. 93rd Annual Meeting of the New England Surgical Society, September 21-23, 2012, Rockport, ME.
 160. Day KM, Duron VD, Steigman SA, Luks FI, Aidlen JT. Low intervention rate for blunt pediatric splenic injury in a children's hospital setting. J Surg Res 179;343, 2013.

161. Lines C, Kim O, McMurdy J, Luks FI, Alber M, Crawford G. Reflectance spectrometry of placental vessels in cases of twin-twin transfusion syndrome: Experiments and modeling. Meeting of the American Physics Society, March 18-22, 2013, Baltimore, MD.
162. Hui L, Wick HC, Moise KJ, Johnson A, Luks FI, Haeri S, Johnson KL, Bianchi DW. Global gene expression analysis of amniotic fluid cell-free RNA from recipient twins with severe twin-twin transfusion syndrome. Annual Scientific Meeting of The Royal Australian and New Zealand College of Obstetricians and Gynaecologists, September 9-11, 2013, Sydney, Australia.
163. Marsit CJ, Koestler DC, Watson-Smith D, Boney CM, Padbury JF, Luks FI. Epigenetic variation between Twin-to-twin Transfusion Syndrome children. 32nd Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), May 19-24, 2013, Jerusalem.
164. Chu S, Mao QF, Shapiro S, Luks S, De Paepe ME, Luks FI. Correlation between twin discordances and terminal chorionic villus vascularization in Di-Mo pregnancies. 32nd Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), May 19-24, 2013, Jerusalem.
165. Steigman SA, Aidlen JA, Luks FI. Laparoscopic Repair of Bilateral Direct Inguinal Hernias. Annual Clinical Congress, American College of Surgeons, October 9, 2013, Washington, DC.
166. Maggio L, O'Brien BM, Carr SR, Lopes V, Watson-Smith D, Muratore CS, Luks FI. Iatrogenic preterm premature rupture of membranes after fetoscopic laser ablative surgery. Society of Maternal-Fetal Medicine Annual Meeting, February 6, 2014, New-Orleans, LA.
167. Luks FI, Ha AY, Merck DL, Fallon EA, Ciullo SS. i-LID – Instrument-driven laparoscopic image display. Annual meeting of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), April 2-5, 2014, Salt Lake City, UT.
168. Fallon EA, Ha AY, Merck DL, Ciullo SS, Luks FI. Intuitive, instrument-driven, individualized image display in laparoscopic surgery. 23rd Annual Congress of the International Pediatric Endosurgery Group (IPEG), July 22-26, 2014, Edinburgh (Scotland)
169. Hartwich JE, Giorgi M, Mangray S, Luks FI. Association with the diaphragm predicts rhabdomyomatous changes in congenital pulmonary adenomatous malformations. 33rd Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), September 7-11, 2014, Chatham, MA.
170. Datkhaeva I, Bitton S, Ahern K, Watson-Smith D, Luks FI, O'Brien BM. Retrospective review of genetic counseling and open neural tube defects. 33rd Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), September 7-11, 2014, Chatham, MA.
171. Young WA, Muratore CS, Luks FI, Cioffi WG, Heffernan DS. Penetrating trauma in adolescents: Sex and socioeconomic factors define injury pattern. 10th Annual Meeting of the Academic Surgical Congress, February 3-5, 2015, Las Vegas, NV.
172. Hartwich JE, Luks FI, Watson-Smith D, Kurkchubasche AG, Muratore CS, Wills HE, Tracy TF, Jr. Nonoperative treatment of acute appendicitis in children – a feasibility study. Annual Meeting of the American Pediatric Surgical Association, April 30-May 3, 2015, Fort Lauderdale, FL.
173. Chau DB, Ciullo SS, Watson-Smith D, Chun TH, Luks FI. Patient- centered outcomes research in appendicitis in children: bridging the knowledge gap. Annual Meeting of the American Pediatric Surgical Association, April 30-May 3, 2015, Fort Lauderdale, FL.
174. Berman L, Kabre R, Kazak A, Hicks B, Luks FI. Exposure to prenatal consultation during pediatric surgery fellowship. Annual Meeting of the American Pediatric Surgical

- Association, April 30-May 3, 2015, Fort Lauderdale, FL.
175. Hartwich JE, Watson-Smith D, Kurkchubasche AG, Muratore CS, Wills HE, Tracy TF, Jr., Luks FI. Nonoperative Treatment of Acute Appendicitis in Children; A Feasibility Study. Clinical Science First Place Award – 22nd Annual New England Surgical Society Resident and Fellow Research Day, May 8, 2015, Waltham, MA.
 176. Emery SP, Hasley SK, Catov JM, Miller RS, Moon-Grady AJ, Baschat AA, Johnson AT, Lim FY, Gagnon AL, O’Shaughnessy RW, Ozcan T, Luks FI. North American Fetal Therapy Network: Intervention versus expectant management. 36th Annual Meeting of the Society of Maternal-Fetal Medicine, February 2016, Atlanta.
 177. Huang SA, Merck D, Luks FI. Visuo-haptic simulation of cordocentesis from patient-specific computed tomography imaging. 38th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, August 17-20, 2016, Orlando, FL.
 178. Miller W, De Paepe ME, Novotny J, Laidlaw D, Merck D, Collins SA, Luks FI. Virtually visualizing vessels: Large-scale virtual reality for surgical planning. 35th Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), August 2-7, 2016, Kasane, Botswana.
 179. Huang SA, Merck D, Luks FI. Visuo-haptic simulation of cordocentesis from patient-specific computed tomography imaging. 35th Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), August 2-7, 2016, Kasane, Botswana.
 180. Emery SP, Hasley SK, Catov JM, Miller RS, Moon-Grady AJ, Baschat AA, Johnson A, Lim F, Gagnon AL, O’Shaughnessy RW, Ozcan T, Luks FI. North American Fetal Therapy Network: intervention vs expectant management for stage I twin-twin transfusion syndrome. *Ultrasound Obstet Gynecol* 2016 48 Suppl 1:91, 2016.
 181. Coppersmith NA, Dickinson CM, Luks FI. Predictive factors for abscess development after perforated pediatric appendicitis. Annual meeting of the Surgical Infection Society, May 2-5, 2017, St. Louis, MO
 182. Luks FI. Teaching Medical Illustration to Medical Students. Annual meeting of the Association of Medical Illustrators, July 25-26, 2017, Austin, TX
 183. Monteagudo J, Mao Q, Chu S, Luks FI, De Paepe ME. Amniocyte vacuolization of the placental membrane in association with gastroschisis. 36th Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), October 8-12, 2017, Jackson Hole, WY
 184. Dickinson C, Monteagudo J, Wakeley M, Wills HE, Luks FI. Peridiaphragmatic location: A clue to the origin of rhabdomyomatous dysplasia in congenital pulmonary airway malformations (CPAM). 19th Annual Conference of the European Paediatric Surgeons Association, June 20-23, 2018, Paris
 185. Luks FI, Xia J, Collins S, Merck D. Art+Science in utero. 37th Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), August 6-12, 2018, Bali (Indonesia)
 186. Luks FI, Xia J, Rios M, Collins S, Merck D. Art+Science in utero. Annual meeting of the Association of Medical Illustrators, July 25-28, 2019, Milwaukee, WI
 187. Monteagudo J, Huber HM, Dickinson CM, Shapiro J, Luks FI. Long-term improvement after ileocectomy in pediatric Crohn’s disease. Annual meeting of the New England Surgical Society, September 13-15, 2019, Montreal
 188. Luks FI, Dickinson C, Monteagudo J, Huber H, Shapiro J. Amélioration à long terme après résection iléo-cécale chez les enfants atteints de la maladie de Crohn. 76th Annual meeting of the Société Française de Chirurgie Pédiatrique, October 9-11, 2019, Strasbourg (France)

189. Renaud EJ, Akuchie CP, Watson-Smith D, Car SR, Luks FI. Minimizing individual learning curves in a mature endoscopic fetal surgery program. 38th Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), October 22-26, 2019, Sils (Switzerland)
190. Luks FI, Xia J, Rios M, Collins S. Art+Science in utero. SciVizNYC Conference, November 22, 2019, New York
191. Luks FI, Francis V. Beyond words: Medical comics to express healthcare experiences. Creativity in Medicine 2020, March 27-28, 2020, Philadelphia, PA
192. Moynihan LL, Macdonell-Yilmaz RE, Chen S, Monteagudo J, Luks FI, Chang W, Renaud R. Congenital melanoma with disease-free survival: Clinical report and review of the literature. American Society of Pediatric Hematology/Oncology Annual Meeting, May 6-9, 2020, Forth Worth, TX
193. Wakeley ME, Heffernan DS, Luks FI, Renaud E. Does compliance with colorectal bundle components affect pediatric surgical outcomes? Annual Meeting of the American Pediatric Surgical Association, May 14-16, 2020, Orlando, FL
194. Wakeley ME, Heffernan DS, Luks FI, Renaud E. Does compliance with colorectal bundle components affect pediatric surgical outcomes? American College of Surgeons Quality and Safety Conference, July 24-27, 2020 (Virtual conference)
195. Novotny J, Miller WR, Luks FI, Merck D, Collins S, Laidlaw DH. Towards placental surface vasculature exploration in virtual reality. IEEE VIS2020 (virtual) conference, October 25-30, 2020
196. Luks FI. From Wound Man to Visual Abstracts: The history of surgical illustration. History of Surgery Poster session, American College of Surgeons Clinical Congress (virtual), October 24-28, 2021
197. Liu Y, Luks FI. Driver-Activated Videoscopic Imaging Device (DA-VID) – A hardware-agnostic algorithm enabling focused video display in laparoscopic surgery. “Next Best Thing” e-Poster, Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), March 16-19, 2022, Denver (CO)
198. Luks FI, Francis V. Beyond words: Teaching Medical Comics to (pre-)medical students. Graphic Medicine Conference, July 14-16, 2022, Chicago
199. Luks FI, Monteagudo J, Collins S, Fisher JE, Eyerly-Webb SA, Howley LW, Lillegard JB. Volume-rendering of multimodality cross-sectional imaging and medical illustration for perinatal planning in conjoined twins. 39th Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), November 7-12, 2022, Los Cabos (Mexico)
200. Vanover M, De Paepe ME, Watson-Smith D, Luks FI. Congenital Pulmonary Airway Malformation in TTTS Recipient - Proof of pathogenesis? 39th Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), November 7-12, 2022, Los Cabos (Mexico)
201. Moldenhauer JS, Anadkat J, Bahtiyar O, Bennett KA, Blumenfeld Y, Buchanan C, Elbabaa S, Emery SP, Goldstein R, Goodnight W, Hwang R, Lillegard JB, Lim FY, Luks FI, McCullough L, Miller J, Miller K, Moehrlen U, Moon-Grady AJ, Sanz Cortes M, Shabaan A, Skupski DW, Treadwell MC, Tsao KJ, Wagner A, Zaretsky M for the fMMC Consortium sponsored by NAFTNet. Open maternal-fetal surgery for myelomeningocele Closure: Outcomes from the fMMC Consortium Registry sponsored by NAFTNet. 39th Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), November 7-12, 2022, Los Cabos (Mexico)
202. Goodnight W, Moldenhauer JS, Anadkat J, Bahtiyar O, Bennett KA, Blumenfeld Y, Buchanan C, Elbabaa S, Emery SP, Goldstein R, Hwang R, Lillegard JB, Lim FY, Luks FI, McCullough

- L, Miller J, Miller K, Moehrlen U, Moon-Grady AJ, Sanz Cortes M, Shabaan A, Skupski DW, Treadwell MC, Tsao KJ, Wagner A, Zaretsky M for the fMMC Consortium sponsored by NAFTA Net. Subsequent Pregnancy outcomes after open maternal-fetal surgery for myelomeningocele. 39th Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), November 7-12, 2022, Los Cabos (Mexico)
203. Hensler E, Watson-Smith D, McCarthy AC, Vanover M, Luks FI. Recurrence rates after nonoperative treatment of acute appendicitis in children: Long-term follow-up. New England Surgical Society Surgical Resident and Fellow Research Presentation Day, May 15, 2023, Waltham, MA
204. Luks FI. When one or the other just won't do: Combining medical illustration and cross-sectional imaging for early prenatal planning in conjoined twins. Annual meeting of the Association of Medical Illustrators, July 19-22, 2023, Henderson, NV
205. Luks FI. IFMSS at 40: You heard it here first. 40th Annual meeting of the International Fetal Medicine and Surgery Society (IFMSS), September 4-9, 2023, Visby and Stockholm, Sweden
206. Hensler E, Watson-Smith D, McCarthy AC, Vanover M, Luks FI. Recurrence rates after nonoperative treatment of acute appendicitis in children: Long-term follow-up. New England Surgical Society Annual Meeting, September 29-October 1, 2023, Newport, RI
207. Lobeck I, Beninati M, Stellon MA, Chapman T, Luks FI, Collins SA, Garcia S. Earliest known craniopagus parasiticus magnetic resonance imaging with associated 3D model. American Academy of Pediatrics National Conference, Section on Advances in Therapeutics and Technology, October 2023, Washington, DC

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

1. Twin-to-twin transfusion syndrome. Information for patients and physicians, Web site of the Lifespan/Brown Medical School Fetal Treatment Program, <http://www.fetal-treatment.org>
2. Patient information, Web site of the Division of Pediatric Surgery at Hasbro Children's Hospital and Brown Medical School, <http://www.hasbro-surgery.org>
3. Information for physicians, Web site of the Brown University Program in Fetal Medicine, <http://www.fetal-program.org>
4. Steigman SA, Luks FI, Aidlen JT. Laparoscopic repair of bilateral direct inguinal hernias. [video session]. American College of Surgeons Clinical Congress, Washington, DC, October 2013.

INVITED PRESENTATIONS (R=regional, N=national, I=international)

1. "Trauma abdominal." Invited Speaker, Mise à jour en soins intensifs pédiatriques, Continuing Pediatric Education, University of Montreal, December 1990 (R)
2. "Réception de l'enfant polytraumatisé." Guest Lecturer, Course in Pediatrics and Neonatology # MAR2030-A, University of Montreal, April 1991 (R)
5. "Pediatric abdominal trauma." Invited Speaker and Panelist, 7th World Congress on Emergency and Disaster Medicine, Montreal, May 1991 (I)
6. "Diagnostic modalities in pediatric abdominal trauma." Visiting Professor, Department of Surgery, Catholic Medical Center of Brooklyn & Queens, New York, March 1992 (R)

7. "Pediatric liver transplantation." Guest Lecturer, Grand Rounds, Department of Surgery, Rhode Island Hospital, March 1992 (R)
8. "Endoscopische foetale chirurgie." Guest Lecturer, Grand Rounds, Department of Obstetrics & Gynecology, Catholic University of Nijmegen (Netherlands), September 1993 (R)
9. "Chirurgie foetale par voie endoscopique." Guest Lecturer, Grand Rounds, Department of Obstetrics & Gynecology, University of Liège (Belgium), October 1993 (R)
10. "Fetal endoscopic surgery." Visiting Professor, Department of Surgery, Catholic Medical Center of Brooklyn & Queens, New York, November 1993 (R)
11. "Opportunities for applied research in surgical training." Invited speaker, Royal Belgian Society for Surgery Conference, Brussels, February 1994 (N)
12. "Endoscopic fetal surgery." Invited speaker and panelist, Annual Conference of the Belgian Pediatric Society, Antwerp, Belgian Society of Neonatologists & Pediatric Intensivists, March 1994 (N)
13. "Endoscopische foetale chirurgie." Invited speaker, Pediatric Grand Rounds, Catholic University Leuven, May 1994 (R)
14. "Endoscopic fetal surgery: lessons from animal experiments." Invited speaker and panelist, Perspectives in fetal medicine and surgery Conference, Leuven, Belgium, June 1994 (N)
15. "Current status of fetal surgery." Guest Lecturer, Department of Obstetrics & Gynecology, Staten Island University Hospital, Staten Island, NY, April 1995 (R)
16. "Endoscopic surgery in the *really* small patient". Guest Lecturer, Grand Rounds, Division of Pediatric Surgery, Cornell University Medical Center, New York, November 1995. (R)
17. "Fetal endoscopy and surgery: Lessons from experimental surgery on animals." Invited Speaker and panelist, Annual Congress of the European Society for Gynaecological Endoscopy, Brussels, December 1995 (I)
18. "Current status of fetal surgery" (Grand Rounds), "Pediatric laparoscopy", "Intestinal obstruction in infants and children." Visiting Professor, Department of Surgery, Berkshire Medical Center, Pittsfield, MA, February 1995 (R)
19. "Antenatal diagnosis and the pediatric surgeon." Invited Speaker, Grand Rounds, Department of Obstetrics & Gynecology, Binghamton, NY, March 1996 (R)
20. "Amniotic space: The final frontier." Invited Speaker, Grand Rounds, Department of Obstetrics & Gynecology, State University of New York at Syracuse, March 1996 (R)
21. "Prenatal intrauterine surgery." Invited Speaker, Triboro Grand Rounds, Triboro Association of Directors in Surgery, State University of New York at Brooklyn, March 1996 (R)
22. "Fetal surgery update." Invited Speaker, Grand Rounds, Department of Surgery, Catholic Medical Center of Brooklyn & Queens, March 1996 (R)
23. "Pre- and postnatal treatment of diaphragmatic hernia". Invited Speaker, 19th Annual "Current concepts in fetal and neonatal care" symposium, May 1996, Newport. (R)
24. "Laparoscopy in pediatric surgery." Guest Lecturer, Third Annual Pediatric Symposium, Hasbro Children's Hospital, October 1996 (R)
25. "Fetal surgery: The next generation." Invited Speaker, Grand Rounds, Department of Surgery, Hospital for Sick Children, Toronto, November 1996 (R)
26. "Fetal surgery: The next generation." Invited Speaker, Grand Rounds, Department of Obstetrics & Gynecology, Catholic Medical Center of Brooklyn and Queens, New York, February 1997 (R)
27. "Fetal surgery for diaphragmatic hernia - An update." Invited Speaker, Grand Rounds, Department of Surgery, New England Medical Center - Tufts University, Boston, September

- 1997 (R)
28. "Triage in Pediatric Trauma." Invited Speaker, Pediatric Grand Rounds, St. Anne Hospital, Fall River, MA, May 1998 (R)
 29. "Experimental endoscopic treatment of fetal diaphragmatic hernia." Invited Speaker and Panelist, Nobel Minisymposium on Fetal Medicine, Nobel Forum, Karolinska Institute, Stockholm, Sweden, May 1998 (I)
 30. "Revisiting the acute abdomen", "The mystery lump in the groin". Invited Speaker, Problems in Pediatrics Course, Colby College, Waterville, ME, July 1998 (R)
 31. "Minimally invasive surgery in the newborn." Invited Speaker, Plenary Session, American Academy of Pediatrics Annual Meeting, San Francisco, CA, October 1998 (N)
 32. "Fetal surgery: In praise of tunnel vision." Invited Speaker, Grand Rounds, Department of Obstetrics and Gynecology, Lenox Hill Hospital, New York, December 1998 (R)
 33. "Endoscopic fetal surgery today: All dressed up and nowhere to go." Invited speaker, Grand Rounds, Department of Surgery, The Children's Hospital, Boston, March 1999 (R)
 34. "Update on fetal surgery." Invited speaker, Perinatology Conference, Department of Pediatrics, The Floating Hospital for Children, Boston, April 1999 (R)
 35. "Your child with scoliosis." Invited speaker, 1st Frank DeLuca Symposium in Pediatric Surgery, Newport, April 1999 (R)
 36. "Prenatal diagnosis of fetal structural anomalies." Invited speaker, Current concepts in fetal and neonatal care, Newport, May 1999 (R)
 37. "Fetal surgery for Twin-to-twin Transfusion Syndrome" Invited speaker, Division of Maternal-Fetal Medicine, New England Medical Center, Boston, September 1999 (R)
 38. "Mission impossible: Fetal surgery today" Invited speaker and panelist, Society of Pediatric Pathology Annual meeting, Providence, September 1999 (N)
 39. "PLUG vs. PLUM: Growth versus maturation of the fetal lung after tracheal occlusion" Invited speaker, Pediatric Surgery/Pediatric Anesthesia Grand Rounds, Massachusetts General Hospital, Boston, January 2000 (R)
 40. "Requirements for in utero surgery: The diaphragmatic hernia model" Invited speaker, Invasive fetal diagnosis and therapy in the third millennium, "From Gamete to Newborn" Conference, Leuven, Belgium, September 2000 (I)
 41. "Fetal surgery: From laboratory to the operating room" Invited speaker, Association of Operating Room Nurses and Technicians (AORN), RI Chapter, November 2000. (R)
 42. "Congenital diaphragmatic hernia: The fetal approach; Animal models" Invited speaker and panelist, Annual Conference on ECMO and neonatal respiratory failure, February 2001, Keystone, CO (N)
 43. "Fetal surgery: In praise of tunnel vision" Invited speaker and panelist, Pediatric Academic Societies/Society for Pediatric Research Annual Meeting, Baltimore, MD, April 2001 (N)
 44. "The Fetal Medicine Program," "Fetal tracheal occlusion" Speaker and Course director, "The smallest patient: Foundations in fetal medicine," 2nd Frank G. DeLuca, MD, Symposium in Pediatric Surgical Sciences, Brown University, Providence, RI, May 2001 (R)
 45. "The fetal treatment program: Multidisciplinary approach" Invited speaker and panelist, Concepts in Fetal and Neonatal Care, Providence, RI, May 2001 (R)
 46. "Cost-effectiveness of laparoscopy" Invited speaker, Groupe d'Etude Coelioscopie Infantile, Strasbourg (F), June 2001 (I)
 47. "Fetal surgery for neural tube defects" Invited speaker, Annual Neonatology-Pediatric Conference, Taunton, MA, September 2001. (R)
 48. "Fetal Attraction: Foundations in fetal surgery" Invited speaker and panelist, Annual

- Anesthesia Conference, Newport, RI, September 2001 (R)
49. "The fetal Treatment Program: Operating the smallest patient" Invited speaker, First Annual Founders' Day Conference, Lifespan, Rhode Island Hospital, October 2001 (R)
 50. "Becoming human" Invited Speaker, "Voyages of Discovery" Faculty Forum, Brown University, October 2001 (R)
 51. "Necrotizing enterocolitis: Surgical interventions" Invited speaker and panelist, "A baby's tummy – Clinical challenges" Conference, Providence, RI, October 2001 (R)
 52. "Indications and laparoscopic techniques of splenectomy in children" Invited speaker, Grand Rounds, Department of Surgery, St. Luke's Hospital, New Bedford, MA, December 2001 (R)
 53. "Surgery for congenital diaphragmatic hernia" Invited speaker and panelist, "A baby's breath – Clinical challenges" Conference, Providence, RI, November 2002 (R)
 54. "Blast injuries: Prehospital treatment" Invited speaker and panelist, 14th Kiwanis Pediatric Trauma Management Seminar, Rhode Island Hospital, November 2002 (R)
 55. "Staging and prognosis in twin-to-twin transfusion syndrome" Invited speaker, Division of Pediatric Genetics, New England Medical Center, Boston, November 2002 (R)
 56. "Laparoscopy in children" Invited speaker, Grand Rounds, Department of Pediatrics, St. Anne's Hospital, Fall River, MA, January 2003 (R)
 57. "Fetal surgery for acardiac twins" Invited speaker, Maternal-Fetal Medicine Conference, New England Medical Center, Boston, May 2003 (R)
 58. "Perinatal and surgical management of abdominal wall defects" Invited speaker and panelist, Concepts in Fetal and Neonatal Care, Providence, RI, May 2003 (R)
 59. "The shrinking scope: Instruments and indications in fetal surgery," Invited speaker, Perinatal Research Society, Charleston, SC, September 2003 (N)
 60. "Fetal surgery for twin-to-twin transfusion syndrome" Invited speaker, Division of Pediatric Surgery, Yale-New Haven Children's Hospital, New Haven, CT, November 2003 (R)
 61. "The shrinking scope: Instruments and indications in fetal surgery," Invited speaker, Division of Pediatric Genetics, New England Medical Center, Boston, December 2003 (R)
 62. "Blunt abdominal trauma in children: New tools for the new millennium" Speaker and Course Director, 15th Kiwanis Pediatric Trauma Management Seminar, Rhode Island Hospital, November 2003 (R)
 63. "Twin-twin situations," Invited speaker, Department of Obstetrics and Gynecology, Albany Medical College, Albany NY, February 2004 (R)
 64. "The shrinking scope," Invited speaker and panelist, Issues in Neonatology 2004, Garden City, NY, March 2004 (R)
 65. "Honey, I shrunk the scope", "Le foetus et le chirurgien," 2004 Jean Pouliot Telethon for Research into Children's Diseases speaker, Montreal Children's Hospital and Ste-Justine Hospital, Montreal, April 2004 (R)
 66. "Through the keyhole: Use and abuse of laparoscopy in children", "Intestinal obstruction in infants," Invited speaker and panelist, Problems in Pediatrics Course, Colby College, Maine, July 2004 (N)
 67. "Structure of fetal therapy programs: Brown Medical School," Invited speaker and participant, National Institutes of Health Workshop on Fetal Treatment: Needs assessment and future directions, August 2004, Potomac, MD (N)
 68. "Blast injuries in children," Invited speaker, New England Regional Trauma Conference, Burlington, MA, November 2004 (R)
 69. "Old Europe, New England: The Twin-to-Twin Transfusion Trial," Invited speaker, Morgan

- Stanley Children's Hospital, Columbia University, New York, NY, February 2005 (L)
70. "Blast injuries in adults and children," Invited speaker, Eight Annual Trauma Symposium, Falmouth Hospital Department of Emergency Medicine, Falmouth, MA, March 2005. (R)
 71. "Operative – and non-operative? – management of appendicitis," Invited speaker, Surgical Grand Rounds, Roger Williams Medical Center, Providence, RI, March 2005 (L)
 72. "Blast injuries in children," Invited speaker, Peter D. Smith Trauma Seminar, Rhode Island Hospital, May 2005 (L)
 73. "View from the womb: Prenatal diagnosis and intervention, today and tomorrow," Invited speaker, 5th Annual Prune Belly Syndrome Network, Boston, July 2005 (N)
 74. "New procedures, unborn patients: The Fetal Surgery Codes," Invited speaker, Meeting of the R.I. Chapter of the American Academy of Professional Coders, October 2005 (R)
 75. "Pediatric trauma" Invited speaker and panelist, Annual Anesthesia Conference, Newport, RI, October 2005 (R)
 76. "Role of the pediatric surgeon" and "Fetoscopic procedures," Invited speaker and panelist, Educational Session, Annual Conference of the American Pediatric Surgical Association, Hilton Head Island, SC, May 2006 (I)
 77. "Image display in endoscopic surgery," Invited speaker, Conference of the New England Chapter of the Society for Image Display, November 2006, Providence, RI (R)
 78. "Le chirurgien et son image," Invited speaker, 100th Anniversary Ste-Justine Hospital Celebration, Montreal, August 2007 (I)
 79. "Intussusception," Invited speaker and panelist, World Congress of Surgery, Montreal, August 2007 (I)
 80. "Fetal surgery in the twin-to-twin cities," Invited speaker, Grand Rounds, Department of Obstetrics & Gynecology, Abbott Northwestern Hospital, Minneapolis, MN, September 2007 (R)
 81. "Transfusion-free surgery," Invited speaker and panelist, 2nd Annual Regional Blood Management Conference, Society for the Advancement of Blood Management, April 2008, Providence, RI (R)
 82. "Fetal surgery: The ultimate laparoscopic spin-off," Invited speaker, Illinois Surgical Society Fall Meeting, Cape Cod, MA, September 2009 (R)
 83. "The future of fetal therapy," Oral and written testimony, Moving into the future: New dimensions and strategies for women's health research, National Conference of the Office of Research on Women's Health, National Institutes of Health, Providence, September 2009 (N)
 84. "59897: The unlisted fetal invasive procedure," Invited speaker, Meeting of the R.I. Chapter of the American Academy of Professional Coders, October 2009 (R)
 85. "Blast injuries – and the pivotal role of surgeons," Invited speaker, Belgian surgical Week (keynote address, Belgian Association of Pediatric Surgery), Ostend, Belgium, April 2010 (I)
 86. "New and/or improved aspects of fetal surgery," Invited speaker, International Society for Prenatal Diagnosis, Amsterdam, July 2010 (I)
 87. "2010: An amniotic space odyssey," Invited speaker, Grand Rounds, Department of Surgery, Dartmouth-Hitchcock Medical Center, Lebanon, NH (R)
 88. "The chest wall and diaphragm. Surgery for pectus deformities and congenital diaphragmatic hernia," Invited speaker, International Symposium Thoracic Surgery, October 2010, Leuven, Belgium (I)
 89. "Real-time hemoglobin determination of placental vessels during endoscopic laser surgery

- for TTTS," Invited speaker, Biomedical and Biological Sciences Seminar, Department of Obstetrics and Gynecology, Harvard Medical School, November 2010, Boston (L)
90. "Fetal surgery: The news of its demise has been greatly exaggerated," Invited speaker, Grand Rounds, Department of Obstetrics and Gynecology, Tufts Medical School, November 2010, Boston (R)
91. "Fetal surgery and fetal therapy networks," Invited speaker, Hot topics in Neonatology conference, December 2010, Washington, DC (I)
92. "2011 – An amniotic space odyssey," Invited speaker, University Hospital Antwerp, June 2011, Antwerp (Belgium) (I)
93. "Fetal surgery: From Bench to Bedside," Invited speaker, Mother and Infant Research Institute (MIRI), Tufts Medical Center, September 2011, Boston, MA (R)
94. "Le chirurgien pédiatrique et la chirurgie foetale, » Invited speaker, 20th Annual Meeting of the Groupe d'Etude de Coelioscopie Infantile, October 2011, Tours (France) (I)
95. "What - and Why - pediatric surgeons should know about fetal surgery," Invited speaker, Pediatric Surgery Grand Rounds, St-Louis Children's Hospital, November 2011, St-Louis, MS (R)
96. "Neonatal care after fetal surgery: Picking up the pieces," Invited speaker, Neonatology Grand Rounds, The Children's Hospital, January 2012, Boston, MA (R)
97. "CDH: Stratifying the unstratifiable," Invited speaker, Advanced Fetal Care Center, The Children's Hospital, January 2012, Boston, MA (R)
98. "New Pediatric Surgery: Laparoscopy is now the norm." Invited speaker, Surgical Grand Rounds, Hackensack University Medical Center, January 2013, Hackensack, NJ (R)
99. "Management of children with spina bifida in the age of fetal intervention." Invited speaker, with Petra Klinge, MD, 8th Annual Neonatal-Pediatric Gastroenterology Summit, March 2013, Warwick, RI (R)
100. "Existe-t-il une place pour la chirurgie foetale dans les uropathies obstructives?" Invited speaker, Congrès de Médecine Fœtale, March 2013, Morzine, France (I)
101. "Fetal surgery for severe congenital diaphragmatic hernia." Invited speaker, 3rd Annual Dr. Meyer Saklad Memorial Respiratory Care Symposium, May 2013, Rhode Island Hospital, Providence, RI (R)
102. "Experimental surgery: Image display – Laparoscopy 2.0," Invited speaker and workshop leader, Research Summer School, Université d'Angers, July 2013, Angers (France) (I)
103. "Fetal tracheal occlusion for severe congenital diaphragmatic hernia" and "Born postoperatively: Neonatal care after fetal surgery," Invited speaker, Innovations in the Care of the Surgical Neonate, September 18-20, 2013, San Antonio (TX) (R)
104. "Blast injuries: Physics and physical effects" Speaker and Course Director, 25th Pediatric Trauma Management Seminar, Rhode Island Hospital, November 2013 (R)
105. "The scope ☺ of fetal surgery," Invited speaker and visiting professor, Department of Surgery, UMass Worcester Medical Center, February 2014, Worcester, MA (R)
106. "Fetal intervention for diaphragmatic hernia (An amniotic space odyssey)," Invited speaker, Division of Pediatric Surgery, Yale Children's Hospital, New Haven, CT, March 2014 (R)
107. "Long-term outcome of congenital lung lesions", "Long-term outcome of sacrococcygeal teratomas", "Long-term outcome of urinary obstructions", "General anesthesia and collagen plug in fetal surgery," Invited speaker, World Congress in Fetal Medicine, June 2014, Nice (France) (I)
108. "Experimental surgery: Image display – Laparoscopy 2.0," Invited speaker and workshop leader, Research Summer School in Angers, Université d'Angers, July 2014, Angers (France)

- (I)
109. "The APOLLO Peer Support Program," Speaker and panelist, New England Regional Healthcare Risk Management Conference, May 2015, Newport, RI (R)
 110. "Congenital diaphragmatic hernia – Postnatal outcome," Invited speaker, World Congress of Fetal Medicine, June 2015, Heronissos (Greece) (I)
 111. "Clinical Sketches: Teaching Medical Illustration to Medical Students," Speaker, 2nd Annual MedEd Talks! Conference, Alpert Medical School, November 2015, Providence (L)
 112. "Bringing order to CHAOS – Upper airway obstruction in the newborn," Invited speaker, 36th Annual Meeting of the Society of Maternal-Fetal Medicine, February 2016, Atlanta (N)
 113. "Management of Spina Bifida and Chiari Malformation," Invited speaker, 1st Annual Cerebrospinal Fluid Disorders Symposium, June 25, 2016, Providence (R)
 114. "Twenty years of endoscopic fetal surgery for Twin-to-twin Transfusion Syndrome," "Surgical innovation in laparoscopic image display: from concept to patent," Invited speaker, Grand Rounds, Department of Obstetrics and Gynecology, Columbia University Medical Center, September 1, 2016, New York, NY (R)
 115. "Pediatric Surgery at Hasbro Children's Hospital – Highlights," Invited speaker, President's Pursuit of Excellence Forum, Rhode Island Hospital, September 16, 2016 (L)
 116. "Twenty years of endoscopic fetal surgery for Twin-to-twin Transfusion Syndrome," "The known unknowns of Twin-to-twin Transfusion Syndrome," Invited speaker, Grand Rounds, Department of Obstetrics and Gynecology, New York University, October 19, 2016, New York, NY (R)
 117. "The making of fetal surgery," Invited speaker, Neonatal-perinatal day at MUHC, McGill University Health Centre, May 25, 2017, Montreal, Canada (L)
 118. "Prenatal diagnosis and counseling of surgical malformations," Invited speaker and panelist, Perinatal Problems: A team approach, 7th Annual McGill Neonatal Conference, May 26, 2017, Montreal, Canada (R)
 119. "Fetal Surgery: From conception to maturity," Invited speaker, Grand Rounds, Department of Surgery, Baystate Medical Center, November 9, 2017, Springfield, MA (R)
 120. "Innovation or research: Which one is it?" Invited speaker and panelist, Scientific Forum, 38th Annual meeting of the Society of Maternal-Fetal Medicine, January 31, 2018, Dallas, TX (N)
 121. "Fetal tracheal occlusion to treat diaphragmatic hernia: From crazy idea to clinical reality," Invited speaker, Grand Rounds, Colorado Fetal Care Center, February 12, 2018, Denver, CO (R)
 122. "It is novel – but is it progress? The ethics of innovation in pediatric endoscopic surgery," Keynote speaker, 8th Annual Conference of the European Society of Paediatric Endoscopic Surgery (ESPES), September 26-28, 2018, Brussels (Belgium) (I)
 123. "Fetal surgery: What we should and should not do," Invited speaker and panelist, Current challenges in the evaluation and management of twin pregnancies, November 2, 2018, Boston, MA (R)
 124. "Études cliniques : Enseigner le dessin aux étudiants de médecine" and "Nouveauté et Progrès : Synonymes ? L'éthique de l'innovation en chirurgie pédiatrique," Visiting Professor, 10th Annual Journée Hervé Blanchard, Ste-Justine Hospital, April 7, 2019, Montreal, Québec (I)
 125. "Art+Science in utero," Invited speaker, 4th Annual Cerebrospinal Fluid Disorders Symposium, June 15, 2019, Providence (R)
 126. "The known unknowns of twin-to-twin transfusion syndrome," Invited speaker, Fetal Research Seminar, Boston Children's Hospital, September 8, 2020, Boston (L)
 127. "Organization of fetal therapy in the United States," Invited speaker, Children's Hospitals Neonatal Consortium Virtual Annual Symposium, October 21-22, 2020 (N)

128. "Fetal surgery – from conception to maturity," Speaker, Grand Rounds, Department of Surgery, University of New Mexico, March 19, 2021 (R)
129. "Fetal therapy for CDH," Invited discussant, Fetal Medicine Foundation Webinar, July 20, 2021 (I)
130. "Developing Best Practices in Telemedicine for the Pediatric Surgeon," Moderator and panelist, APSA Committee Virtual Conference Episode ("APSAsode"), Informatics and Telemedicine Committee, July 21, 2021 (N)
131. "FETO in the Management of CDH: Is it the Future?," Invited speaker and panelist, APSA Committee Virtual Conference Episode ("APSAsode"), Fetal Diagnosis and Therapy Committee, September 15, 2021 (N)
132. "Improving the surgeon's image," Technology, Entrepreneurship and Commercialization (TEC) Committee, International Pediatric Endoscopy Group (IPEG) webinar and forum, November 2, 2021 (I)
133. "Medical illustration in patient communication," Invited speaker, History, Ethics and Practice of Medical Illustration Elective Course, University of Texas Southwestern, Dallas (virtual), November 22, 2021 (N)
134. "Management of Twin-to-Twin Transfusion," Invited speaker and panelist, Care of complex twin pregnancies, Boston Children's Hospital, October 14, 2022 (R)
135. "Medical illustration and surgery: History and practice of a symbiotic relationship," Invited Speaker, Dennis Lund Lecture, Grand Rounds, Department of Surgery, University of Wisconsin School of Medicine and Public Health, Madison, WI, February 1, 2023 (R)
136. "Spark's the limit: The visual abstract," TEDx URI talk, April 1, 2023.
<https://youtu.be/Rd6y9gvC53M> (R)
137. "Art/Med: The Next Generation," Invited Speaker and Co-Chair, "Visual Communication in Medicine: Art, Science and Humanism" Symposium, 10th Anniversary, Frank H. Netter, MD School of Medicine at Quinnipiac University, North Haven, CT, September 13, 2023 (R)
138. "Medical illustration in patient communication," Invited speaker, History, Ethics and Practice of Medical Illustration Elective Course, University of Texas Southwestern, Dallas (virtual), October 4, 2023 (N)
139. "Doctors and medical illustrators: History and practice of a symbiotic relationship," Invited Speaker, Philip J. Wolfson, MD Memorial Lectureship, Pediatric Grand Rounds, Nemours Children's Hospital, Wilmington, DE (virtual), October 18, 2023 (R)
140. "My journey into fetal surgery: From conception to delivery," Invited Speaker, Wolfson Seminar, Division of Pediatric Surgery, Nemours Children's Hospital, Wilmington, DE (virtual), October 18, 2023 (R)

GRANTS

1. 1994 – 1995
Belgian National Fund for Scientific Research grant # |
3.0122.94
("Fetal surgery through intra-uterine endoscopy")
Principal Researcher
\$ 35,000
2. 1995 – 1996

Rhode Island Foundation Grant #

5477

(“Tracheal obstruction to promote lung growth in the fetal lamb”)

Principal Investigator

\$ 5,000

3. 1997 – 1998 (renewed 1998-99))

American Lung Association Research Grant #

RG-159-N

(“The tracheal ligation model of accelerated fetal lung growth”)

Principal Investigator

\$ 49,300

4. 1998 – 1999

Lifespan Research Advisory Committee Developmental Grant #

DG1142

(“Role of the KGF/KGF α axis in normal, hypoplastic and experimentally accelerated fetal lung development”)

Collaborator

(Monique E. De Paepe, M.D. - P.I.)

\$ 24,500

5. 2000 – 2003

Eurofoetus: Endoscopic Access to the Fetoplacental Unit

Biomed 2 Programme of the European Commission-Directorate XII Grant #

PL 962383

(“Management of Twin-Twin Transfusion Syndrome. An Open multicentre randomized trial for evaluation of serial amniodrainage vs endoscopic placental laser surgery with amniodrainage.”)

Site Principal Investigator

(Yves Ville, M.D. – P.I.)

€ 250,000

6. 2003 – 2009

Grant #

P20-RR018728

NIH NCRR COBRE

(“Biological basis for perinatal transition”, James F. Padbury, M.D. – P.I.)

Collaborator

(Monique E. De Paepe, M.D. – P.I. subproject IV :

“Role of Fas-mediated apoptosis in perinatal lung remodeling”)

\$ 129,000/year for subproject IV

7. 2008 – 2015

Investigational Device Exemption #G080077

Food and Drug Administration

(“Detachable balloon for fetal tracheal occlusion”)

Principal Investigator and Sponsor

8. 2011 – 2012
Small Business Industrial Research (SBIR) Grant # 1 R43 EB013523-01
National Institutes of Health
("Lung nodule detection using 3D "visual palpation" via standard thoroscopes")
Co-Principal Investigator, with Jason Harry
\$171,328 in direct costs
9. 2012 – 2013
Rhode Island Foundation Grant # 20113467
("Interactive multi-user display system for laparoscopic surgery")
Principal Investigator
\$15,000
10. 2017 – 2018 (No-cost extension 2019)
National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Grant #
1U34DK112584
("Non-Operative Management of Pediatric Appendicitis: A Randomized Controlled Study")
Co-Principal Investigator, with Thomas Chun
\$305,000 in direct costs
11. 2019
Arnold F. Gold Foundation Grant #GH-19-006
("Beyond words: the role of medical comics in expressing medical education experiences
among students")
Faculty Mentor (student: Sheyla Medina, MS IV)
\$1,500
12. 2021– 2024
Eunice Kennedy Shriver National Institute for Child Health & Human Development Grant #
R01HD104607
("Gastroschisis Outcomes of Delivery (GOOD)")
Site Principal Investigator
\$785,552 in direct costs
13. 2020 – 21
Brown Biomedical Innovations to Impact Development Grants
("Driver-Activated VIDEoscopic system (DA-VID)")
Principal Investigator
\$75,000 in direct costs

UNIVERSITY TEACHING ROLES

Courses:

2003 – 18 Course Director, BIOL 6505 (Introduction to fetal medicine)

Elective Course Seminar (8 1½ h lectures, Spring Semester, 1st & 2nd year Medical Students)

- 2008 – 17 Lecturer, Engineering EN 291 Seminar (Topics in translational research and technology)
“Image display in surgery”
- 2015 – 18 Course Director, BIOL 6527 (The physician as medical illustrator)
Elective Course Seminar (8 1½ h lectures, Fall Semester, 1st year Medical Students)
- 2017 – Course Director, PLME 0400 (Introduction to medical illustration)
Semester Course (12 weeks, 3 h/week, Fall Semester, PLME and undergraduate students)
In collaboration with Rhode Island School of Design
- 2021 – Faculty Adviser, PCE-6715 – Art in Medicine
Preclinical Elective Course for 1st and 2nd year Medical Students

Mentoring and Workshops:

- 1996 – 99 Faculty Mentor, Biomed 195-196/BIOL 1960 (Independent Research)
Brown University Undergraduate Curriculum
1996 - 97: Brian D. Johnson
1997 - 98: Mahesh P. Sardesai
1998 - 99: Yvette Wild
2006: Rosalynn Vega
2007: Alicia Carranza
2022: Maisy Myer
- 1996 Faculty Mentor, R.I. Space Grant Summer Scholar
 (“Monitoring parameters in fetal surgery”)
Brian D. Johnson
- 1997 Honors Thesis Director
 (“A time course assay of the pathophysiology and gene expression of tracheal ligation-
associated fetal lung hyperplasia”)
Brian D. Johnson
- 1997 Faculty Mentor, Summer Assistantship
 (“Endoscopic fetal surgery for tracheal obstruction in the fetal lamb”)
Mahesh P. Sardesai
- 1997 Faculty Mentor, Longitudinal Elective in Pediatric Surgery
Hieu Ton-That
- 1998 Faculty Mentor, Undergraduate Teaching and Research Award, Summer Assistantship
Yvette K. Wild
- 1999 Honors Thesis Director

(“Pulmonary function in diaphragmatic hernia after short-term fetal tracheal occlusion”)
Yvette K. Wild

- 2001 Faculty Mentor, Longitudinal Elective in Pediatric Surgery
Amanda L. Kong
- 2002 Faculty Mentor, Longitudinal Elective in Pediatric Surgery
Rachael Fox
- 2005 – Faculty Mentor, Community Health Clerkship
2005-06: Parag Butala, Jennifer Jenkins, Jeffrey Cheng, Erica Chung
2006-07: Andrew Taitano, Eden Kahle, Michael Kurtz, Jonathan Greer
2007-08: Carmelle Romain
- 2006 Faculty Mentor, EN 193 Entrepreneurship Course, Brown University Surgery Group
Eran Epstein, Wendy Cheng, AJ Issenman, Derek Metzger, Ben Safran, Stavros
Tamvakakis
“The i-Dra System”
- 2006 – 07 Faculty Mentor, Longitudinal Elective in Pediatric Surgery
Melissa Donovan
- 2008 Faculty Mentor, Master of Science in Biomedical Engineering thesis
Kenneth Benjamin Morabito
“Reflectance Spectrometry for Determining Blood Flow Direction in Twin-to-Twin
Transfusion Syndrome Pregnancies”
- 2009 – 10 Faculty Mentor, Longitudinal Elective in Pediatric Surgery
Leslie Wong
- 2010 Faculty Mentor, Summer Assistantship
Benjamin Kowitt
“Long-term neurological, cardiac and renal development in children undergoing fetal
laser surgery for twin-to-twin transfusion syndrome”
- 2011 Faculty Mentor, Summer Assistantship
Kamaris Loor
“Evaluation of the Fetal Treatment Program – a survey of English- and non-English-
speaking patients”
- 2011 – 12 Faculty Mentor, Longitudinal Elective in Pediatric Surgery
Reshma Ramachandran
- 2012 – 15 Instructor and lecturer, “The Physician as Medical Illustrator”
Integrated Clinical Arts Workshop
First year medical students

- 2014 Faculty Mentor, Independent Study elective IS-7120 – Medicine and Figure Drawing
Mary-Alice Richter
- 2015 – 16 Faculty Mentor, Doctoring Community Mentor Program Year 2
Yuqi Zhang
- 2016 – 19 Faculty Mentor, Concentration in Translational Research in Medicine
(Course directors: Lisa H. Merck, MD, MPH; Derek Merck, PhD)
- 2019 Faculty Mentor, Medical Comics project (“Beyond words: the role of medical comics in
expressing medical education experiences among students”)
Sheyla Medina, MS IV
- 2019 Faculty Mentor (with Paul Karasik, RISD Professor), Comics project
Amy Chen (RISD Student)
- 2020 – Co-Director (with Vinald Francis), Medical Comics workshop
Spring Semester, Undergraduate Brown and RISD students
- 12-2022 Workshop Director, Introduction to Medical Illustration. Program in Educational
Faculty Development, Alpert Medical School

Lectures:

- 1994 – 95 Core clerkship in surgery - Lecture-seminar series (3rd year Medical Students)
“Pediatric Surgery”
- 1995 – 99 Core clerkship in surgery - Lecture-seminar series (3rd year Medical Students)
“Hepato-biliary problems and tumors of infancy”
- 10-2003 Speaker, PLME Whole Patient Program, Brown Medical School
“Fetal medicine: Teamwork, evidence and fuzzy logic”
- 03-2006 Speaker, PLME Whole Patient Program, Brown Medical School
“A stitch in time vs. If it ain’t broke...”
- 03-2009 “Translational research and the career of a surgeon-scientist,” Invited speaker,
MD/PhD Program Seminar, Brown Medical School
- 10-2010 Speaker, PLME Whole Patient Program, Brown Medical School
“An infant with esophageal atresia – how to choose your surgeon?”
- 10-2011 Speaker, PLME Whole Patient Program, Brown Medical School
“Fetal surgery for twin-to-twin transfusion syndrome”
- 02-2012 Speaker, OB/GYN Interest Group, Brown Medical School
“Fetal surgery”
- 09-2015 Speaker, PLME Whole Patient Program, Brown Medical School
“An infant with esophageal atresia – revisited”
- 10-2017 Speaker, PLME Whole Patient Program, Brown Medical School
“A patient with blunt pancreatic injury”

HOSPITAL TEACHING ROLES

- 1995 – 97 Faculty Supervisor, Research Fellowship (General Surgery Residency)
Konstantinos Papadakis, M.D.
- 1996 – 97 Faculty Supervisor, Research rotation (Urology Residency)
Leslie Tackett, M.D.
- 1997 – Director, Multidisciplinary Antenatal Diagnosis And Management (MADAM) Conference
Twice-a-month lectures on fetal medicine (1 hour CME credit)
- 2002 – 13 Director, Kiwanis Pediatric Trauma Management Seminar, Rhode Island Hospital
One-day conference for EMT, nurses and physicians, November

Lectures

- 10-1994 Speaker, Women & Infants' Hospital Perinatology Conference
"Necrotizing Enterocolitis"
- 11-1994 Speaker, Grand Rounds, Department of Pediatrics, Rhode Island Hospital
"Current status of fetal surgery"
- 03-1995 Speaker, Grand Rounds, Department of Surgery, Rhode Island Hospital
"Amniotic space: The final frontier"
- 11-1995 Speaker, Women & Infants' Perinatology clinicopathologic conference
"Bilateral urinary tract obstruction in the fetus"
- 02-1996 Speaker, Pediatric Grand Rounds, Memorial Hospital of Rhode Island
"Intestinal obstruction in infants and children"
- 04-1996 Speaker, Grand Rounds, Department of Pediatrics, Rhode Island Hospital
"Neonatal abdominal aortic aneurysm"
- 09-1996 Speaker, Grand Rounds, Department of Surgery, Rhode Island Hospital
"Biliary atresia in the 90's"
- 01-1997 Speaker, Seminar Series in the Department of Molecular Pharmacology, Physiology and
Biotechnology at Brown University
"Endoscopic surgery and bronchoscopy in the fetus: What is it and why do we need it?"
- 01-1997 Speaker, Women & Infants' Perinatology clinicopathologic conference
"Congenital cystic adenomatoid malformation of the lung"
- 1997 – 99 Speaker, Pediatric Critical Care Course, Hasbro Children's Hospital
"Surgical emergencies"
- 04-1998 Speaker, Women & Infants' Perinatology clinicopathologic conference
"Suspected tracheoesophageal fistula in a newborn"
- 04-1999 Speaker, Women & Infants' Perinatology clinicopathologic conference
"A fetal renal mass"
- 04-1998 Speaker, Grand Rounds, Department of Pediatrics, Rhode Island Hospital
"Multidisciplinary management of fetal anomalies"
- 04-1999 Speaker, Basic lecture series, Department of Surgery Residency Program
"Pediatric surgery pathology"
- 07-1999 Speaker, Anesthesiology Grand Rounds, Rhode Island Hospital
"Fetal surgery? Here in Rhode Island? Really?"

- 09-1999 Speaker, Grand Rounds, Department of Obstetrics/Gynecology, Brown University
“Fetal surgery today: All dressed up and nowhere to go”
- 03-2000 Speaker, Grand Rounds, Department of Surgery, Brown University
“2001: An amniotic space odyssey”
- 03-2000 Speaker, Perinatology conference, Division of Neonatology, Women & Infants’
Hospital
“Congenital diaphragmatic hernia”
- 04-2000 Speaker, Grand Rounds, Department of Pediatrics, Rhode Island Hospital
“2001: An amniotic space odyssey”
- 12-2000 Speaker, Grand Rounds, Department of Surgery, Brown University
“New operation for twin fetuses performed in Ocean State”
- 04-2001 Speaker, Grand Rounds, Department of Pediatrics, Pawtucket Memorial Hospital
“Fetal surgery for twin-to-twin transfusion syndrome”
- 08-2001 Speaker, Perinatology conference, Division of Neonatology, Women & Infants’ Hospital
“Twin-to-twin transfusion syndrome”
- 11-2001 Speaker, Women & Infants’ Perinatology clinicopathologic conference
“An unusual case of neonatal jaundice”
- 03-2002 Speaker, Pediatric Emergency Medicine Rounds
“Pediatric laparoscopy”
- 07-2002 Speaker, APLS/PATLS Course, Hasbro/Rhode Island Hospital
“Pediatric trauma – basic principles”
- 08-2002 Speaker, Grand Rounds, Department of Pediatrics, Rhode Island Hospital
“Multidisciplinary Antenatal Diagnosis and Management: Fetal Medicine at Brown”
- 11-2002 Speaker, Grand Rounds, Department of Pediatrics, Rhode Island Hospital
“A 4-year-old child with iron-deficiency anemia”
- 01-2003 Speaker, Project Medical Education, Lifespan/Rhode Island State Legislature
“Pediatric and fetal surgery”
- 01-2004 Speaker, Grand Rounds, Department of Emergency Medicine, Rhode Island Hospital
“Blast injuries”
- 04-2003 Speaker, Grand Rounds, Department of Plastic Surgery, Rhode Island Hospital
“Fetal surgery”
- 03-2003 Speaker, Perinatal Conference, Division of Neonatology, Women & Infants’ Hospital
“Update on twin-to-twin transfusion syndrome”
- 07-2003 Speaker, APLS/PATLS Course, Hasbro/Rhode Island Hospital
“Pediatric trauma – basic principles”
- 09-2003 Speaker, Women & Infants’ Perinatology clinicopathologic conference
“A premature infant with intestinal obstruction”
- 03-2004 Speaker, Research presentations, Frank DeLuca lectureship (Charles J. Stolar, MD)
“Translational research and clinical application – fetal surgery for CDH”
- 07-2004 Speaker, Women & Infants’ Perinatology clinicopathologic conference
“A fetus with an abdominal cyst”
- 07-2004 Speaker, APLS/PATLS Course, Hasbro/Rhode Island Hospital
“Pediatric trauma – basic principles”
- 03-2005 Speaker, Grand Rounds, Department of Surgery, Brown Medical School
“Fetal surgery at Brown: The first 10 years”
- 09-2005 Speaker, Women & Infants’ Perinatology clinicopathologic conference
“A newborn with intestinal obstruction”

- 11-2006 Speaker, Grand Rounds, Department of Pediatrics, Rhode Island Hospital
“Transfusion-free medicine and surgery”
- 01-2007 Speaker, Women & Infants’ Perinatology clinicopathologic conference
“A fetus with a cystic lung lesion”
- 02-2007 Speaker, Grand Rounds, Department of Surgery, Brown Medical School
“Laparoscopy 2.0 – Why surgeons should care about their image”
- 07-2008 Speaker and panelist, Schwartz Rounds, Department of Medicine, Rhode Island Hospital
“A patient with VATER syndrome”
- 01-2009 Speaker, Women & Infants’ Perinatology clinicopathologic conference
“An infant with diaphragmatic hernia”
- 05-2009 Speaker, Grand Rounds, Department of Pediatrics, Rhode Island Hospital
“Management of congenital diaphragmatic hernia: Not what it used to be (but then again, it never was)”
- 09-2010 Speaker, Women & Infants’ Perinatology clinicopathologic conference
“A newborn with cardio-respiratory failure”
- 09-2011 Speaker, Grand Rounds, Department of Surgery, Brown Medical School
“Fetal surgery after the MOMS trial”
- 10-2011 Speaker, Grand Rounds, Department of Pediatrics, Rhode Island Hospital
“Management of acute appendicitis in 2012”
- 03-2013 Speaker, Grand Rounds, Department of Pediatrics, Rhode Island Hospital
“Fetal surgery at Brown: The first 100 patients”
- 04-2013 Speaker, Women & Infants’ Perinatology clinicopathologic conference
“A newborn with respiratory distress”
- 07-2013 Speaker, Grand Rounds, Department of Pathology, Rhode Island Hospital
“The physician as medical illustrator”
- 11-2013 Speaker, Pulmonary, Critical Care, and Sleep Medicine Research Conference
Rhode Island Hospital
“Fetal lung development and diaphragmatic hernias”
- 11-2015 Speaker, Grand Rounds, Department of Surgery, Brown Medical School
“Interactive Laparoscopic Image Display: From Concept to Patent”
- 10-2016 Speaker, Grand Rounds, Department of Pediatrics, Brown Medical School
“Treatment of appendicitis in the 21st century”
- 12-2019 Speaker, Grand Rounds, Department of Anesthesia, Brown Medical School
“Fetal surgery and anesthesia for myelomeningocele”
- 09-2020 Speaker, Pediatric Surgery Fellows Lecture Series
“Fetal surgery – from conception to maturity”
- 09-2020 Speaker, Grand Rounds, Department of Surgery, Brown Medical School
“It’s novel – but is it progress? Ethics and innovation in surgery”