

## **Gudrun Aspelund, MD, MSc**

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### **Employment**

- 9/2022-current Chief Epidemiologist, Centre for Health Security and Communicable Disease Control, Directorate of Health, Reykjavik, Iceland
- 10/2019–8/2022 Head of Surveillance and Outbreak Investigation, Centre for Health Security and Communicable Disease Control, Directorate of Health, Reykjavik, Iceland

### **Hospital/Academic Positions**

- 6/2019 – 3/2020 Attending Pediatric Surgeon; locums tenens. Westchester Medical Center, Maria Fareri Children’s Hospital. Valhalla, NY
- 8/2007-8/2017 Assistant Professor of Surgery, Department of Surgery, Division of Pediatric Surgery Columbia University, New York, NY
- 9/2017- 8/2018 Chief, Section of Pediatric Surgery, Attending Surgeon, Westchester Medical Center, Maria Fareri Children’s Hospital. Valhalla, NY
- 9/2017- 8/2018 Trauma Medical Director, Pediatric Surgery, Westchester Medical Center, Maria Fareri Children’s Hospital. Valhalla, NY
- 8/2007-8/2017 Attending Pediatric Surgeon, Department of Surgery, Division of Pediatric Surgery, Columbia University Medical Center (CUMC), New York, NY
- 12/2014-8/2017 Attending Pediatric Surgeon. Lawrence Hospital, Bronxville, NY
- 9/2011-9/2014 Attending Pediatric Surgeon. New York Hospital Queens, Flushing, NY
- 3/2008-7/2014 Attending Pediatric Surgeon. White Plains Hospital Center, White Plains, NY
- 3/2008-12/2012 Attending Pediatric Surgeon. Northern Westchester Medical Center, Mt. Kisco, NY

### **Education**

- 9/2007-5/2009 Master of Science, Biostatistics/Patient Oriented Research. Mailman School of Public Health, Columbia University, New York, New York
- 7/2005-6/2007 Resident/Fellow in General Pediatric Surgery. Department of Surgery, University of Toronto/The Hospital for Sick Children, Toronto, ON
- 7/2004-6/2005 Chief Resident in General Surgery. Department of Surgery, Yale University School of Medicine/Yale-New Haven Hospital, New Haven, CT
- 7/2000-6/2004 Intern/Resident in General Surgery. Department of Surgery, Yale University School of Medicine/Yale-New Haven Hospital, New Haven, CT
- 7/1998-6/2000 Postdoctoral Research Fellow. Department of Surgery, Yale University School of Medicine, New Haven, CT
- 4/1997-6/1998 House Officer in General Surgery. Landspítali University Hospital, Reykjavik, Iceland
- 7/1996-3/1997 Rotating Internship. General Surgery, Internal Medicine and Psychiatry. Landspítali University Hospital, Reykjavik, Iceland
- 9/1990-6/1996 University of Iceland Medical School, Reykjavik, Iceland. Cand. Med. et Chir. Diploma (M.D.)
- 9/1986-5/1990 College of Reykjavik, Reykjavik, Iceland. Mathematic/Physics concentration

## Professional Organizations & Societies

2018-2020	Pediatric Trauma Society; Member
2017-2018	New York State Trauma Advisory Committee; Member
2017-2018	Hudson Valley Regional Trauma Advisory Committee; Member
2009-2020	American Pediatric Surgical Association; Member
2010-present	American College of Surgeons; Fellow
2009-2020	American Academy of Pediatrics; Fellow Section on Surgery
1996-present	Icelandic Medical Association; Member
2007-2010	American College of Surgeons; Associate Fellow
2006-2009	American Academy of Pediatrics; Member, Section on Surgery
2006-2007	Royal College of Physicians and Surgeons of Canada; Resident Member
1999-2006	American College of Surgeons; Candidate Group Member

## Licensure

2008-current	License as Pediatric Surgeon in Iceland
2005-current	License as General Surgeon in Iceland
1997-current	License as Physician in Iceland
2013-2022	License in Medicine and Surgery in the State of New York
2008-2013	Limited License as Physician in the State of New York
2006-2015	License as Physician/Surgeon in the State of Connecticut

## Consultative

2014-2018	Office of Professional Medical Conduct, Medical Expert Reviewer, New York State Department of Health
2010-2017	Quality and Patient Safety, Quality Assurance Case Review, Department of Surgery, Columbia University Medical Center

## Committees

2016-2021	American Academy of Pediatrics, Delivery of Surgical Care Committee; member
2014-2017	Columbia University Department of Surgery Clinical Competency Committee; member
2009-2012	American Pediatric Surgical Association, Outcomes and Clinical Trials Committee; member
2016-2017	Columbia Doctors' Quality Division Champion for Pediatric Surgery
2016-2017	Columbia Doctors' Tarrytown Executive Board member
2015	Columbia University Department of Surgery ICD10 Task Force member
2014-2017	American Pediatric Surgical Association, Informatics and Telemedicine Committee; member
2014-2015	American Pediatric Surgical Association, Web Redesign Task Force; member 2013-2017
	Columbia University Department of Surgery Research Committee; member
2009-2012	American Pediatric Surgical Association, Ethics and Advocacy Committee; member
2008-2017	Morgan Stanley Children's Hospital of New York Presbyterian, Ethics Committee; consultant

### Editorial Service

2021 Editorial Board of Artificial Intelligence Surgery, OAE Publishing Inc.

### Journal Reviewer (ad-hoc)

2019 European Journal of Trauma  
2017 BMC Pediatrics  
2017 Journal of Magnetic Resonance Imaging  
2016 Birth Defects Research  
2016 Pediatrics  
2015 American Journal of Perinatology  
2015 Inflammatory Bowel Disease  
2015 Perinatology  
2015-2017 Pediatric Pulmonology  
2014 PLOS ONE  
2014 World Journal of Pediatrics  
2013-2017 Journal of Pediatric Surgery Case Reports  
2010-2013 Icelandic Medical Journal  
2010 Journal of the American College of Surgeons  
2009-2014 Journal of Pediatric Surgery

### Educational Administration

12/2012-8/2017 Associate Program Director of Fellowship in Pediatric Surgery. Columbia University, Department of Surgery, New York, NY

### Clinical or Public Health Administration and Leadership

2018 Westchester Medical Center Operating Room Committee; Member  
2017-2018 Westchester Medical Center Pediatric Trauma Committee; Chair  
2017-2018 Westchester Medical Center Maternal-Child Quality Council; Member  
2016-2017 Columbia Doctors' Quality Division Champion for Pediatric Surgery; Member  
2016-2017 Columbia Doctors' Tarrytown Practice Executive Committee; Member  
2015-2016 Columbia University Department of Surgery ICD10 Task Force; Member  
2010-2017 CDH long-term multi-disciplinary follow-up clinic; Supervisor

### Peer-Reviewed Publications

1. Qiao L, Xu L, Yu L, Wynn J, Hernan R, Zhou X, Farkouh-Karoleski C, Krishnan US, Khlevner J, De A, Zygmunt A, Crombleholme T, Lim FY, Needelman H, Cusick RA, Mychaliska GB, Warner BW, Wagner AJ, Danko ME, Chung D, Potoka D, Kosiński P, McCulley DJ, Elfiky M, Azarow K, Fialkowski E, Schindel D, Soffer SZ, Lyon JB, Zalieckas JM, Vardarajan BN, **Aspelund G**, Duron VP, High FA, Sun X, Donahoe PK, Shen Y, Chung WK. Rare and de novo variants in 827 congenital diaphragmatic hernia probands implicate LONP1 as candidate risk gene. Am J Hum Genet 2021;108:1964-1980.

2. Gerall CD, Stewart LA, Price J, Kabagambe S, Sferra SR, Schmaedick MJ, Hernan R, Khlevner J, Krishnan US, De A, **Aspelund G**, Duron VP. Long-term outcomes of congenital diaphragmatic hernia: A single institution experience. *J Pediatr Surg* 2021;57:563-569.
3. van Summeren J, Meijer A, **Aspelund G**, Casalegno JS, Erna G, Hoang U, Lina B; VRS study group in Lyon, de Lusignan S, Teirlinck AC, Thors V, Paget J. Low levels of respiratory syncytial virus activity in Europe during the 2020/21 season: what can we expect in the coming summer and autumn/winter? *Euro Surveill* 2021;26:2100639.
4. Bruyndonckx R, Adriaenssens N, Versporten A, Hens N, Monnet DL, Molenberghs G, Goossens H, Weist K, Coenen S; **ESAC-Net study group**. Consumption of antibiotics in the community, European Union/European Economic Area, 1997-2017: data collection, management and analysis. *J Antimicrob Chemother* 2021;76(12 Suppl 2):ii2-ii6.
5. Adriaenssens N, Bruyndonckx R, Versporten A, Hens N, Monnet DL, Molenberghs G, Goossens H, Weist K, Coenen S; **ESAC-Net study group**. Consumption of quinolones in the community, European Union/European Economic Area, 1997-2017. *J Antimicrob Chemother* 2021;76(12 Suppl 2):ii37-ii44.
6. Adriaenssens N, Bruyndonckx R, Versporten A, Hens N, Monnet DL, Molenberghs G, Goossens H, Weist K, Coenen S; **ESAC-Net study group**. Consumption of macrolides, lincosamides and streptogramins in the community, European Union/European Economic Area, 1997-2017. *J Antimicrob Chemother* 2021;76(12 Suppl 2):ii30-ii36.
7. Bruyndonckx R, Adriaenssens N, Versporten A, Hens N, Monnet DL, Molenberghs G, Goossens H, Weist K, Coenen S; **ESAC-Net study group**. Consumption of antibiotics in the community, European Union/European Economic Area, 1997-2017. *J Antimicrob Chemother* 2021;76(12 Suppl 2):ii7-ii13.
8. Bruyndonckx R, Coenen S, Adriaenssens N, Versporten A, Monnet DL, Goossens H, Molenberghs G, Weist K, Hens N; **ESAC-Net study group**. Analysing the trend over time of antibiotic consumption in the community: a tutorial on the detection of common change-points. *J Antimicrob Chemother* 2021;76(12 Suppl 2):ii79-ii85.
9. Adriaenssens N, Bruyndonckx R, Versporten A, Hens N, Monnet DL, Molenberghs G, Goossens H, Weist K, Coenen S; **ESAC-Net study group**. Quality appraisal of antibiotic consumption in the community, European Union/European Economic Area, 2009 and 2017. *J Antimicrob Chemother* 2021;76(12 Suppl 2):ii60-ii67.
10. Bruyndonckx R, Adriaenssens N, Hens N, Versporten A, Monnet DL, Molenberghs G, Goossens H, Weist K, Coenen S; **ESAC-Net study group**. Consumption of penicillins in the community, European Union/European Economic Area, 1997-2017. *J Antimicrob Chemother*. 2021;76(12 Suppl 2):ii14-ii21.
11. Versporten A, Bruyndonckx R, Adriaenssens N, Hens N, Monnet DL, Molenberghs G, Goossens H, Weist K, Coenen S; **ESAC-Net study group**. Consumption of cephalosporins in the community, European Union/European Economic Area, 1997-2017. *J Antimicrob Chemother* 2021;76(12 Suppl 2):ii22-ii29.
12. Bruyndonckx R, Hoxha A, Quinten C, Ayele GM, Coenen S, Versporten A, Adriaenssens N, Muller A, Heuer O, Monnet DL, Goossens H, Molenberghs G, Weist K, Hens N; **ESAC-Net study group**.

- Changepoints in antibiotic consumption in the community, European Union/European Economic Area, 1997-2017. *J Antimicrob Chemother.* 2021;76(12 Suppl 2):ii68-ii78.
13. Versporten A, Bruyndonckx R, Adriaenssens N, Hens N, Monnet DL, Molenberghs G, Goossens H, Weist K, Coenen S; **ESAC-Net study group**. Consumption of tetracyclines, sulphonamides and trimethoprim, and other antibacterials in the community, European Union/European Economic Area, 1997-2017. *J Antimicrob Chemother.* 2021;76(12 Suppl 2):ii45-ii59.
  14. Robertson J, Vlahović-Palčevski V, Iwamoto K, Högberg LD, Godman B, Monnet DL, Garner S, Weist K; **ESAC-Net Study Group**; WHO Europe AMC Network Study Group. Variations in the Consumption of Antimicrobial Medicines in the European Region, 2014-2018: Findings and Implications from ESAC-Net and WHO Europe. *Front Pharmacol.* 2021;12:639207.
  15. Adlhoch C, Mook P, Lamb F, Ferland L, Melidou A, Amato-Gauci AJ, Pebody R; **European Influenza Surveillance Network**. Very little influenza in the WHO European Region during the 2020/21 season, weeks 40 2020 to 8 2021. *Euro Surveill.* 2021;26:2100221.
  - 16.
  17. Bogenschutz EL, Fox ZD, Farrell A, Wynn J, Moore B, Yu L, **Aspelund G**, Marth G, Yandell M, Shen Y, Chung WK, Kardon G. Deep whole-genome sequencing of multiple proband tissues and parental blood reveals the complex genetic etiology of congenital diaphragmatic hernias. *HGG Adv.* 2020;1:100008.
  18. Qiao L, Wynn J, Yu L, Hernan R, Zhou X, Duron V, **Aspelund G**, Farkouh-Karoleski C, Zygmunt A, Krishnan US, Nees S, Khlevner J, Lim FY, Crombleholme T, Cusick R, Azarow K, Danko ME, Chung D, Warner BW, Mychaliska GB, Potoka D, Wagner AJ, Soffer S, Schindel D, McCulley DJ, Shen Y, Chung WK. Likely damaging de novo variants in congenital diaphragmatic hernia patients are associated with worse clinical outcomes. *Genet Med* 2020 [Online ahead of print]
  19. Rich BS, Silverberg JT, Fishbein J, Raval MV, Gadepalli SK, Moriarty KP, **Aspelund G**, Rollins MD, Besner GE, Dasgupta R, Rothstein DH; American Academy of Pediatrics Section on Surgery Delivery of Surgical Care Committee. Subspecialization in pediatric surgery: Results of a survey to the American Pediatric Surgical Association. *J Pediatr Surg* 2020 [Epub ahead of print] Review
  20. Ingram ME, Calabro K, Polites S, McCracken C, **Aspelund G**, Rich BS, Ricca RL, Dasgupta R, Rothstein DH, Raval MV. Systematic Review of Disparities in Care and Outcomes in Pediatric Appendectomy. *J Surg Res.* 2020 Jan 6;249:42-49
  21. Abramova A, Fan W, Hernan R, Zenilman AL, Wynn J, **Aspelund G**, Khlevner J, Krishnan U, Lim F-Y, Mychaliska GB, Warner BW, Cusick R, Crombleholme T, Chung D, Danko ME, Wagner AJ, Azarow K, Schindel D, Potoka D, Soffer S, Fisher J, McCulley D, Farkouh-Karoleski C, Chung WK, D Vincent. Comparative Outcomes of Right Versus Left Congenital Diaphragmatic Hernia: A Multicenter Analysis. *J Pediatr Surg.* 2020 Jan;55(1):33-38.
  22. **Aspelund G**, Mahdi EM, Rothstein DH, Wakeman DS; American Academy of Pediatrics Section on Surgery's Delivery of Surgical Care Committee. Transitional care for patients with surgical pediatric hepatobiliary disease: choledochal cysts and biliary atresia. *J Gastroenterol Hepatol* 2019; 34(6):966-974

23. Qi H, Yu L, Zhou X, Wynn J, Zhao H, Guo Y, Zhu N, Kitaygorodsky A, Hernan R, **Aspelund G**, Lim FY, Crombleholme T, Cusick R, Azarow K, Danko ME, Chung D, Warner BW, Mychaliska GB, Potoka D, Wagner AJ, ElFiky M, Wilson JM, Nickerson D, Bamshad M, High FA, Longoni M, Donahoe PK, Chung WK, Shen Y. De novo variants in congenital diaphragmatic hernia identify MYRF as a new syndrome and reveal genetic overlaps with other developmental disorders. *PLoS Genet* 2018;14: e1007822
24. Chiu JS, Ma L, Wynn J, Krishnan U, Rosenzweig EB, **Aspelund G**, Arkovitz M, Warner BW, Lim FY, Mychaliska GB, Azarow K, Cusick RA, Chung DH, Chung WK. Mutations in *BMPR2* are not present in patients with pulmonary hypertension associated with congenital diaphragmatic hernia. *J Pediatr Surg* 2017;52:1747-1750
25. Farkouh-Karoleski C, Najaf T, Wynn J, **Aspelund G**, Chung WK, Stolar CJ, Mychaliska GB, Warner BW, Wagner AJ, Cusick RA, Lim FY, Schindel DT, Potoka D, Azarow K, Cotten CM, Hesketh A, Soffer S, Crombleholme T, Needelman H. A definition of gentle ventilation in congenital diaphragmatic hernia: a survey of neonatologists and pediatric surgeons. *J Perinat Med* 2017;45:1031-1038
26. Schad CA, Fallon BP, Monteagudo J, Okochi S, Cheung EW, Morrissey NJ, Kadenhe-Chiweshe AV, **Aspelund G**, Stylianos S, Middlesworth W. Routine use of distal arterial perfusion in pediatric femoral venoarterial extracorporeal membrane oxygenation. *Artif Organs* 2017;41:11-16
27. Krishnamurthy G, Ratner V, Bacha E, **Aspelund G**. Comorbid conditions in neonates with congenital heart disease. *Pediatr Crit Care Med* 2016;17(8 Suppl 1):S367-376
28. Blancha VL, Ratner V, **Aspelund G**, Chai P, Levasseur S, Krishnan U, Bacha E, Krishnamurthy G. Survival of three neonates with congenital diaphragmatic hernia and d-transposition of the great arteries. *World J Pediatr Congenit Heart Surg* 2017;8:239-241
29. Yu L, Sawle AD, Wynn J, **Aspelund G**, Stolar CJ, Arkovitz MS, Potoka D, Azarow KS, Mychaliska GB, Shen Y, Chung WK. Increased burden of de novo predicted deleterious variants in complex congenital diaphragmatic hernia. *Hum Mol Genet* 2015;24:4764-4773
30. Azarow KS, Cusick R, Wynn J, Chung W, Mychaliska GB, Crombleholme TM, Chung DH, Lim FY, Potoka D, Warner BW, **Aspelund G**, Arkovitz MS. The association between congenital diaphragmatic hernia and undescended testes. *J Pediatr Surg* 2015;50:744-745
31. Salavitar A, Anderson BR, **Aspelund G**, Starc TJ, Lai WW. Heterotaxy syndrome and intestinal rotational anomalies: Impact of the Ladd procedure. *J Pediatr Surg* 2015;50:1695-1700
32. Sen S, Duchon J, Lampl B, **Aspelund G**, Bacha E, Krishnamurthy G. Single ventricle heterotaxy syndrome patients at risk for early shunt failure after Ladd procedure. *Ann Thorac Surg* 2015;99:918-925
33. Rothenberg SS, Middlesworth W, Kadenhe-Chiweshe A, **Aspelund G**, Kuenzler K, Cowles R, Bodenstein L, Kay S, Shipman K, Rothenberg C, Stolar C, Stylianos S. Two decades of experience with thoracoscopic lobectomy in infants and children: Standardizing techniques for advanced thoracoscopic surgery. *J Laparoendosc Adv Surg Tech A* 2015;25:423-428

34. Rosines LA, Chow DS, Lampl BS, Chen S, Gordon S, Mui LW, **Aspelund G**, Ruzal-Shapiro CB. Value of gadolinium-enhanced MRI in detection of acute appendicitis in children and adolescents. *AJR Am J Roentgenol* 2014;203:W543-548
35. Pierog A, **Aspelund G**, Farkouh-Karoleski C, Wu M, Kriger J, Wynn J, Krishnan U, Mencin A. Predictors of low weight and tube feedings in children with congenital diaphragmatic hernia at one year of age. *J Pediatr Gastroenterol Nutr* 2014;59:527-530
36. **Aspelund G**, Fingeret A, Gross E, Kessler D, Keung C, Thirumoorthi A, Oh PS, Behr G, Chen S, Lampl B, Middlesworth W, Kandel J, Ruzal-Shapiro C. Ultrasonography/MRI versus CT for diagnosing appendicitis. *Pediatrics* 2014;133:586-593
37. Fingeret A, Garcia A, Borczuk AC, Rothenberg SS, **Aspelund G**. Thoracoscopic lobectomy for type I pleuropulmonary blastoma in an infant. *Pediatr Surg Int* 2014;30:239-244
38. Yu L, Bennett JT, Wynn J, Carvill GL, Cheung YH, Shen Y, Mychaliska GB, Azarow KS, Crombleholme TM, Chung DH, Potoka DH, Warner BW, Bucher B, Lim FY, Pietsch J, Stolar C, **Aspelund G**, Arkovitz MS, Mefford H, Chung WK. Whole exome sequencing identifies de novo mutations in GATA6 associated with congenital diaphragmatic hernia. *J Med Genet* 2014;51:197-202
39. Yu L, Wynn J, Cheung YH, Mychaliska GB, Crombleholme TM, Azarow KS, Lim FY, Chung DH, Potoka D, Warner BW, Bucher B, Stolar C, **Aspelund G**, Arkovitz MS, Chung WK. Variants in GATA4 are a rare cause of familial and sporadic congenital diaphragmatic hernia. *Hum Genet* 2013;132:285-292
40. Stolar CJ, **Aspelund G**. First employment characteristics for the 2011 pediatric surgery fellowship graduates. *J Pediatr Surg* 2013;48:99-103
41. Garcia AV, Fingeret AS, Thirumoorthi AS, Hahn E, Leskowitz MJ, **Aspelund G**, Krishnan US, Stolar CJ. Lung to head ratio in infants with congenital diaphragmatic hernia does not predict long term pulmonary hypertension. *J Pediatr Surg* 2013;48:154-157
42. Wynn J, Krishnan U, **Aspelund G**, Zhang Y, Duong J, Stolar CJ, Hahn E, Pietsch J, Chung D, Moore D, Austin E, Mychaliska G, Gajarski G, Lim FY, Michelfelder E, Potolka D, Bucher B, Warner B, Grady M, Azarow K, Fletcher SE, Kutty S, Delaney J, Crombleholme T, Rosenzweig E, Chung W, Arkovitz MS. Outcomes of congenital diaphragmatic hernia (CDH) in the modern era of management. *J Pediatr* 2013;163:114-119
43. Wynn J, **Aspelund G**, Zygmunt A, Stolar CJ, Mychaliska G, Butcher J, Lim FY, Gratton T, Potoka D, Brennan K, Azarow K, Jackson B, Needelman H, Crombleholme T, Zhang Y, Duong J, Arkovitz MS, Chung WK, Farkouh C. Developmental outcomes of children with congenital diaphragmatic hernia: A multicenter prospective study. *J Pediatr Surg* 2013;48:1995-2004
44. Garcia AV, Thirumoorthi AS, Beleniski F, Muensterer O, **Aspelund G**. Single-incision pediatric endosurgical Morgagni diaphragmatic hernia repair. *J Laparoendosc Adv Surg Tech, Part B: Videoscopy*; Feb 2013, 23
45. Yu L, Wynn J, Ma L, Guha S, Mychaliska GB, Crombleholme TM, Azarow KS, Lim FY, Chung DH, Potoka D, Warner BW, Bucher B, LeDuc CA, Costa K, Stolar C, **Aspelund G**, Arkovitz MS, Chung WK.

- De novo copy number variants are associated with congenital diaphragmatic hernia. *J Med Genet* 2012;49:650-659
46. Downard CD, Renaud E, St. Peter SD, Abdullah F, Islam S, Saito JM, Blakely ML, Huang EY, Arca MJ, Cassidy L, **Aspelund G**. Treatment of necrotizing enterocolitis: an American Pediatric Surgical Association Outcomes and Clinical Trials Committee systematic review. *J Pediatr Surg* 2012;47:2111-2122
  47. **Aspelund G**, Fisher JC, Simpson LL, Stolar CJ. Prenatal lung-head ratio: threshold to predict outcome for congenital diaphragmatic hernia. *J Matern Fetal Neonatal Med* 2012;25:1011-1016
  48. Huang EY, Chen C, Abdullah F, **Aspelund G**, Barnhart D, Calkins CM, Cowles RA, Downard CD, Goldin AB, Lee SL, St Peter SD, Arca MJ. Strategies for the prevention of central venous catheter infections: an American Pediatric Surgical Association Outcomes and Clinical Trials Committee Systematic Review. *J Pediatr Surg* 2011;46:2000-2011
  49. Gander JW, Fisher JC, Gross ER, Reichstein AR, **Aspelund G**, Stolar CJ, Kuenzler KA. Early recurrence of congenital diaphragmatic hernia is higher after thoracoscopic than open repair: a single institutional study. *J Pediatr Surg* 2011;46:1303-1308
  50. Chang DC, Rhee DS, Papandria D, Aspelund G, Cowles RA, Huang EY, Chen C, Middlesworth W, Arca MJ, Abdullah F. Outcomes research in pediatric surgery part 2: how to structure a research question. *J Pediatr Surg* 2011;46:226-231
  51. Gander JW, Fisher JC, Reichstein AR, Gross ER, **Aspelund G**, Middlesworth W, Stolar CJ. Limb ischemia after common femoral artery cannulation for venoarterial extracorporeal membrane oxygenation: an unresolved problem. *J Pediatr Surg* 2010;45:2136-2140
  52. Arca MJ, Teitelbaum DH, St Peter SD, Cowles R, **Aspelund G**, Cassidy LD, Barnhart D, Abdullah F. Research interests and funding of members of the American Pediatric Surgical Association: report from 2010 American Pediatric Surgical Association Outcomes and Clinical Trials Committee. *J Pediatr Surg* 2010;45:1983-1988
  53. Diamond IR, **Aspelund G**, Langer JC. Laparoscopic colectomy and pelvic pouch procedure. *J Laparoendosc Adv Surg Tech A* 2008;18:757
  54. **Aspelund G**, Langer JC. Current management of hypertrophic pyloric stenosis. *Semin Pediatric Surg* 2007;16:27-33
  55. **Aspelund G**, Ling SC, Ng V, Kim PCW. A role for laparoscopic approach in the treatment of biliary atresia and choledochal cysts. *J Pediatr Surg* 2007;42:869-872
  56. Yusim A, **Aspelund G**, Ahrens W, Martel M, Scutt LM, Donovan PI, Udelsman R. Intrathyroidal parathyroid adenoma. *Thyroid* 2006;16:619-620
  57. **Aspelund G**, Topazian MD, Lee JH, Andersen DK. Improved outcomes for benign disease with limited pancreatic head resection. *J Gastrointest Surg* 2005;9:400-409



58. Nathan JD, Zdankiewicz PD, Wang JP, Spector SA, **Aspelund G**, Jena BP, Seymour NE, Geibel JP, Andersen DK. Impaired hepatocyte glucose transport protein (GLUT2) internalization in chronic pancreatitis. *Pancreas* 2001;22:172-178
59. **Aspelund G**, Egan JM, Slezak LA, Sritharan KC, Elahi DE, Andersen DK. Exendin-4 (E4) and glucagon-like peptide-1 (GLP-1) improve glucose tolerance and induce islet cell growth in chronic pancreatitis (CP) in rats. *Surg Forum* 2000;51:40-42
60. Xue C, **Aspelund G**, Sritharan K, Slezak LA, Andersen DK. Isolated hepatic cholinergic denervation (IHCD) impairs glucose and glycogen metabolism. *J Surg Res* 2000;90:19-25
61. Maker AV, Slezak LA, **Aspelund G**, Sritharan KC, Jena BP, Andersen DK. Impaired phosphorylation of hepatic insulin receptor (IR) and glucose transporter (GLUT-2) proteins in chronic pancreatitis. *Surg Forum* 1999;50:14-16
62. Slezak LA, Quinn AS, Sritharan KC, Wang JP, **Aspelund G**, Taatjes DJ, Andersen DK. Binding forces of hepatic microsomal and plasma membrane proteins in normal and pancreatic rats: An AFM force spectroscopic study. *Microscopy Research & Technique* 1999;44:363-367
63. **Aspelund G**, Halldorsdottir AB, Isaksson HJ, Moller PH. Gallstone in a hernia sac. *The Icelandic Medical Journal* 1999;85:218-219
64. **Aspelund G**, Jonsson T, Jonasson JG, Gudjonsson H. Gardner's syndrome. *The Icelandic Medical Journal* 1998;84:935-938
65. **Aspelund G**, Jonsson H, Arnason A. An Icelandic family with hereditary knee osteoarthritis. *Scand J Rheumatol* 1996;25 (Suppl 106):43 (abstract)
66. Jonsson H, **Aspelund G**, Petursson E, Eliasson GJ, Cullis-Hill D. An open study of the effect of pentosan polysulphate (Cartrophen®) treatment on <sup>99m</sup>Tc-disphosphonate uptake in hand osteoarthritis. *Scand J Rheumatol* 1996;25 (Suppl 106):42 (abstract)
67. **Aspelund G**, Gunnarsdottir S, Jonsson P, Jonsson H. Hand osteoarthritis in the elderly: Application of clinical criteria. *Scand J Rheumatol* 1996;25:34-36