

CURRICULUM VITAE
(condensed)
for
Urban Arnelo, MD, PhD



PERSONALIA

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Home address: Scharinsvägen 17A
SE 90333 Umeå, Sweden
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S-141 38 Huddinge, Sweden

Born: June 6, 1959, Särna, Dalecarlia, Sweden

Family: Married to Catarina Arnelo
Children: Anton b. 1995, Erik b. 1997, Joel b. 1998 and Oskar b. 2001.

EDUCATION and EXAMINAS

1978 High school. East Pennsboro Area High School, PA, USA.

1979-1983 Medical school (t1-t8), Umeå University, Umeå, Sweden.
1983-1985 Medical school (t9-t11), Karolinska Institutet, Stockholm, Sweden.

1984 A 6 weeks course in Neurology, The University of Western Ontario, London, Canada, and a 5 weeks course in Pediatric Surgery, Yale University, New Haven, USA.

1985 MD (medical doctor) degree, Karolinska Institutet, Stockholm, Sweden.

1985-1986	A 6 weeks training period in Plastic Surgery, Sabbatsbergs Hospital, Stockholm, Sweden.
1992	Specialist in General Surgery, The National Board of Health and Welfare (Socialstyrelsen), Stockholm, Sweden.
1993-1994	Research Fellow in Esophageal Surgery. Dept. of Surg., Prof. Ron Hinder, Creighton University, Omaha, Nebraska, USA (50%), and at Dept. of Biomedical Sciences, Prof. Thomas E. Adrian and Assoc. Prof. Roger D. Reidelberger, Creighton University, Omaha, Nebraska, USA (50%), Jul 1993 – Aug 1994.
1994	Research fellow cont. at Dept. of Biomedical Sciences, Assoc. Prof. Roger D. Reidelberger, Creighton University, Omaha, Nebraska, USA (Nov-Dec).
1997	PhD (Doctor of Philosophy) - Doktorsexamen i medicinsk vetenskap, Karolinska Institutet, Stockholm, Sweden.
2018	Nov 20, Associate professor of surgery (Docent).
2021	Jun 1, Adj. Professor of Surgery, Department of Surgical and Perioperative Sciences, Umeå University.

PROFESSIONAL EXPERIENCE

1985-1987	Internship (vikariat) at Department of Surgery, Piteå Hospital (7 months), Norrbottens läns landsting, and Department of Surgery, Visby lasarett (vikariat + AT, 28 months, including training at Depts. of Medicine, Psychiatry, and Family Practice, 6 months each), Gotlands kommun, Sweden.
1988-1991	Residency in general surgery, Department of Surgery, Visby lasarett, Gotlands kommun, Sweden.
1991-1992	Residency cont. (kategori-1-år), 12 months, Dept. of Surgery, Linköping Univ. Hosp., Linköping, Sweden.
1992-1993	Consultant surgeon, Department of Surgery, Linköping University Hospital, Sweden including rotations in vascular surgery, thoracic surgery and endocrine surgery (6 months each).
1994-1995	Consultant surgeon, Department of Medical and Surgical Gastroenterology, Karolinska Institutet at Huddinge University Hospital, Stockholm, Sweden.
1996-2002	Consultant surgeon, Department of Medical and Surgical Gastroenterology, Karolinska Institutet at Huddinge University Hospital, Stockholm, Sweden.
2002-2019	Senior consultant surgeon at Dept. of Upper Abdominal Diseases, at Karolinska University Hospital, Stockholm, Sweden.

2019- Senior consultant surgeon at Dept of Surgery, Umeå Univ Hosp, Umeå, Sweden

POSITIONS

2009-2016	Head of Endoscopic Surgery, Center for Digestive Diseases, Karolinska University Hospital, Stockholm, Sweden.
2016-2019	Head of Pancreatic Diseases, Dept. of Upper Abdominal Diseases, Karolinska University Hospital, Stockholm, Sweden.
2011-2020	Board member (2011-2013), President (2013-2020) of Scandianvian Association of Digestive Endoscopy (SADE).
Since 2007	Chairman of SADE research committee (ANDRE or SADE Study Group of ERCP)
2008-2019	Member of the Endoscopy Committee, Swedish Gastroenterological Society
2012-2015	Board member of Swedish Gastroenterological Society, Chairman of endoscopy committee
2017	Honorary member of Czech Gastroenterological Society
Jan 2018- Jan 2020	Head of Endoscopic Research, Division of Surgery, CLINTEC, Karolinska Institutet
Nov 2019- Present	Chief, Dept of Surgery, Region of Västerbotten, Umeå University Hospital, Sweden

MAIN CLINICAL INTERESTS (In random order)

- Hepatopancreatobiliary diseases (differential diagnosis, staging, treatment) especially pancreatitis, pancreatic cancer, cholangiocarcinoma
- Prevention, screening, surveillance strategies in gastrointestinal cancer
- Advanced interventional endoscopy techniques foremost endoscopic ultrasonography (EUS), endoscopic retrograde cholangiopancreatography (ERCP), (enhanced) diagnostic imaging of the GI-tract for early diagnosis of (pre)malignant disease

RESEARCH TUTORING

Post doc

Roberto Valente, MD, PhD, Since April 1, 2019

PhD students

Ongoing:

Main supervisor for,

Zeeshan Ateeb, PhD student since 2015, approved half-time 2019-12-09

Marcus Reuterwall-Hansson, PhD student Jan 2016, approved half-time 2020-03-07

Asif Halimi, accepted PhD student since 2018, approved half-time 2019-12-09

Co-supervisor for,

Hedvig Aminoff, accepted PhD student at KTH 2014

Alexander Waldthaler, PhD student since May, 2019, approved half-time 2021-03-16

Filipe da Palma Marques, PhD student 2019 at KTH

Daniel Selin, accepted PhD student, Sep 28, 2020

Fredrik Nilsson, Sep 28, 2021

Completed:

Main supervisor for,

Madelene Olsson, PhD in Nov 2012

Rozh Noel, PhD in Oct 2017

Erik Haraldsson, PhD in Jan 2020

Co-supervisor for,

Jeanne Lübbe (Cape town, S.A.), PhD both KI and Stellenbush, Feb, 2021

Erik von Seth, PhD in May 2018

Greger Olsson, PhD in Sep 2017

Fredrik Swahn, PhD in Sep 2012

Farshad Frozanpor, PhD in Sep 2011

Cecilia Strömberg, PhD in Feb 2011

AWARDS

1992 In the spring I received the so-called "*Gold finger*" prize, which is awarded by the medical students to the best clinical supervisor during the surgery course (t7) at the University of Health Sciences in Linköping, Sweden.

2019 Swedish Surgical Society award for best educational effort (utbildningspris) for "Outstanding enthusiasm and energy that contributed to improve the competence in ERCP in Sweden."

PUBLICATIONS (for details, see attached publication list)

More than 130 articles on PubMed, several being RCTs. H-index 28, Total citations 2596 (Web of Sci, Nov 21, 2021). In addition, I have written and published a dozen book chapters and several articles in the Swedish press.

I have also been part of writing guidelines: National guidelines for Pancreatic Cancer, Biliary and Gallbladder cancer, Chronic Pancreatitis, and several guidelines concerning Endoscopy for Swedish Gastroenterological Society including Documentation, Antibiotic Prophylaxis, Laboratory testing and Anticoagulant treatment. I have also actively taken part in writing the European Guidelines on Cystic Tumors of the Pancreas and European Society of Gastroenterological Endoscopy (ESGE) guidelines on tumors of the major duodenal papilla and in the duodenum.

List of publications – U Arnelo

List of original articles (Original articles included in my thesis are marked with *)

1. Nordberg A, Wahlström G, Arnelo U, Larsson C. Effect of long-term nicotine treatment on [³H]-nicotine binding sites in the rats brain. *Drug Alcohol Depen* 1985; 16: 9-17.
2. Leckström A, Östensson C-G, Efendic S, Arnelo U, Permert J, Lundquist I, Westermark P. Increased storage and secretion of islet amyloid polypeptide relative to insulin in the spontaneously diabetic GK rat. *Pancreas* 1996; 13: 259-267.
3. Arnelo U. Islet amyloid polypeptide in the control of food intake -An experimental study in the rat. Doctoral thesis 1997; ISBN 91-628-2778-2.
4. Arnelo U, Blevins JE, Larsson J, Permert J, Westermark P, Reidelberger RD, Adrian TE. Effects of acute and chronic infusion of islet amyloid polypeptide on food intake in rats. *Scand J Gastroenterol* 1996; 31: 83-89.
5. Arnelo U, Permert J, Adrian TE, Larsson J, Westermark P, Reidelberger RD. Chronic infusion of islet amyloid polypeptide causes anorexia in rats. *Am J Physiol* 1996; 271 (Regul Integr Comp Physiol 40): R1654-R1659.
6. Arnelo U, Permert J, Larsson J, Reidelberger RD, Arnelo C, Adrian TE. Chronic low dose islet amyloid polypeptide infusion reduces food intake but does not influence glucose metabolism in unrestrained conscious rats: Studies using a novel aortic catheterization technique. *Endocrinol* 1997; 138: 4081-4085.
7. Arnelo U, Reidelberger R, Adrian TE, Larsson J, Permert J. Sufficiency of postprandial plasma levels of islet amyloid polypeptide for suppression of feeding in rats. *Am J Physiol* 1998; 275 (Regul Integr Comp Physiol 42): R1537-R1542.
8. Arnelo U, Herrington MK, Theodorsson E, Adrian TE, Reidelberger R, Larsson J, Marcusson J, Strömmér L, Ding X, Permert J. Effects of long-term infusion of anorexic concentrations of islet amyloid polypeptide on neurotransmitters and neuropeptides in rat brain. *Brain Res* 2000; 887: 391-398.
9. Strömmér L, Permert J, Arnelo U, Koehler C, Isaksson B, Larsson J, Lundkvist I, Björnholm M, Kawano Y, Wallberg-Henriksson H, Zierath JR. Skeletal muscle insulin resistance after trauma: insulin signaling and glucose transport. *Am J Physiol* 1998; 275 (Endocrinol Metab 38): E351-E358.
10. Wirén M, Adrian TE, Arnelo U, Permert J, Staab P, Larsson J. An increase in mucosal

- insulin-like growth factor II content in postresectional rat intestine suggests autocrine or paracrine growth stimulation. *Scand J Gastroenterol* 1998; 33: 1080-1086.
11. Wirén M, Adrian TE, Arnelo U, Permert J, Staab P, Larsson J. Early gastrointestinal regulatory peptide response to intestinal resection in the rat is stimulated by enteral glutamine supplementation. *Dig Surg* 1999; 16: 197-203.
 12. Strömmér L, Isaksson B, Arnelo U, Lundkvist I, Östenson C-G, Wickbom M, Herrington M, Permert J. Preoperative feeding does not reverse postoperative insulin resistance in skeletal muscle in the rat. *Metabolism* 2000; 49: 486-491.
 13. Leinsköld T, Adrian TE, Arnelo U, Larsson J, Permert J. Gastrointestinal growth factors and pancreatic islet hormones during postoperative IGF-I supplementation in man. *J Endocrinol* 2000; 167: 331-338.
 14. Reidelberger RD, Arnelo U, Granqvist L, Permert J. Comparative effects of amylin and cholecystokinin on food intake and gastric emptying in rats. *Am J Physiol (Regul Integr Comp Physiol)* 2001; 280: R605-R611.
 15. Strömmér L, Isaksson B, Wickbom M, Arnelo U, Ostenson C, Herrington M, Permert J. Effect of carbohydrate feeding on insulin action in skeletal muscle after surgical trauma in the rat. *Nutrition* 2001; 17: 332-336.
 16. Lindberg B, Arnelo U, Bergquist A, Thörne A, Hjerpe A, Granqvist S, Hansson L-O, Tribukait B, Persson B, Broomé U. Diagnosis of biliary strictures in conjunction with endoscopic retrograde cholangiopancreaticography, with special reference to patients with primary sclerosing cholangitis. *Endoscopy* 2002; 34: 909-916.
 17. Strömmér L, Wickbom M, Wang F, Herrington MK, Östenson C-G, Arnelo U, Permert J. Early impairment of insulin secretion in rats after surgical trauma. *Eur J Endocrinol* 2002; 147: 825-833.
 18. Enochsson L, Lindberg B, Swahn F, Arnelo U. Intraoperative endoscopic retrograde cholangiopancreatography (ERCP) to remove common bile duct stones during routine laparoscopic cholecystectomy does not prolong hospitalization: A two-year experience. *Surg Endosc* 2004; 18: 367-371.
 19. Reidelberger RD, Haver AC, Arnelo U, Smith DD, Schaffert CS, Permert J. Amylin receptor blockade stimulates food intake in rats. *Am J Physiol (Regul Integr Comp Physiol)* 2004; 287: R568-74.
 20. Isaksson B, Wang F, Permert J, Olsson M, Fruin B, Herrington MK, Enochsson L, Erlanson-Albertsson C, Arnelo U. Chronically administered islet amyloid polypeptide in rats serves as an adiposity inhibitor and regulates energy homeostasis. *Pancreatology* 2005; 5: 29-36.
 21. Strömmér L, Räty S, Hennig R, Adrian TE, Friess H, Böttiger Y, Stanaitis J, Nordback I, Sand J, Arnelo U. Delayed gastric emptying and intestinal hormones following pancreateoduodenectomy. *Pancreatology* 2005; 5: 537-544.
 22. Lindberg B, Enochsson L, Tribukait B, Arnelo U, Bergquist A. Diagnostic and prognostic implications of DNA ploidy and S-phase evaluation in the assessment of malignancy in biliary strictures. *Endoscopy* 2006; 38: 561-565.
 23. Wenger U, Johnsson E, Arnelo U, Lundell L, Lagergren J. An antireflux stent versus conventional stents for palliation of distal esophageal or cardia cancer: a randomized clinical study. *Surg Endosc* 2006; 20:1675-1680.

24. Mirshamsi S, Olsson M, Arnelo U, Kinsella JM, Permert J, Ashford MLJ. BVT.3531 reduces body weight and activates KATP channels in isolated arcuate neurons in rats. *Regul Pept* 2007; 141: 19-24.
25. Olsson M, Herrington MK, Reidelberger RD, Permert J, Arnelo U. Comparison of the effects of chronic central administration and chronic peripheral administration of islet amyloid polypeptide on food intake and meal pattern in the rat. *Peptides* 2007; 28: 1416-23.
26. Arnelo U, Albiin N, Enochsson L, Meisner S, Permert J, Lundell L. Endoscopic evaluation of the pancreatic duct system. Opportunities offered by novel technology. *Scand J Gastroenterol* 2007; 42: 1018-1020.
27. Wickbom J, Herrington M, Permert J, Jansson A, Arnelo U. Gastric emptying in response to IAPP and CCK in rats with subdiaphragmatic afferent vagotomy. *Regul Pept* 2008; 148: 21-5.
28. Strömberg C, Juhua L, Enochsson L, Arnelo U, Nilsson M. Endoscopic Sphincterotomy and Risk of Malignancy in the Bile Ducts, Liver and Pancreas. *Clin Gastroenterol Hepatol* 2008; 6: 1049-53.
29. Albiin N, Smith IC, Arnelo U, Bergquist A, Dolenko B, Bryksina N, Bezabeh T. Detection of cholangiocarcinoma with magnetic resonance spectroscopy of bile in patients with and without primary sclerosing cholangitis. *Acta radiologica* 2008; 49: 855-62.
30. Rafael E, Tibell A, Rydén M, Lundgren T, Sävendahl L, Borgström B, Arnelo U, Isaksson B, Nilsson B, Korsgren O, Permert J. Intramuscular autotransplantation of pancreatic islets in a 7-year old child: A 2-year follow up. *Am J Transplantat* 2008; 8: 458-462.
31. Ijare OB, Bezabeh T, Albiin N, Arnelo U, Bergquist A, Lindberg B, Smith ICP. Absence of glycochenodeoxycholic acid (GCDCA) in human bile is an indication of cholestasis: A ¹H MRS study. *NMR in Biomedicine* 2009; 22: 471-9.
32. Bezabeh T, Ijare OB, Albiin N, Arnelo U, Lindberg B, Smith ICP. Detection and quantification of D-glucuronic acid (GlcUA) in human bile using ¹H NMR spectroscopy: relevance to the diagnosis of pancreatic cancer. *MAGMA* 2009; 22: 267-75.
33. Agustsson T, Nilsson M, Henriksson G, Arnelo U, Juto JE, Lundell L. Treatment of Postoperative Esophagorespiratory Fistulas with Dual Self-Expanding Metal Stents. *World J Surg* 2009; 33: 1224-8.
34. Blomberg J, Wenger U, Lagergren J, Arnelo U, Agustsson T, Johnsson E, Toth E, Lagergren P. Antireflux stent versus conventional stent in the palliation of distal esophageal cancer. A randomized multicenter clinical trial. *Scand J Gastroenterol* 2010;45:208-16.
35. Swahn F, Edlund G, Enochsson L, Svensson C, Lindberg B, Arnelo U. Ten years of Swedish experience with intraductal electrohydraulic lithotripsy and laser lithotripsy for the treatment of difficult bile duct stones: an effective and safe option for octogenarians. *Surg Endosc* 2010;24:1011-6.
36. Ijare OB, Bezabeh T, Albiin N, Bergquist A, Arnelo U, Lindberg B, Smith IC. Simultaneous quantification of glycine- and taurine-conjugated bile acids, total bile acids, and choline-containing phospholipids in human bile using ¹H NMR spectroscopy. *J Pharm Biomed Anal* 2010; 53: 667-73.

37. Frozanpor F, Albiin N, Linder S, Segersvärd R, Lundell L, Arnelo U. Impact of gland volume on fistula formation after pancreatic tail resection. *JOP* 2010;11: 439-43.
38. Enochsson L, Swahn F, Arnelo U, Nilsson M, Löhr M, Persson G. Nationwide, population-based data from 11,074 ERCP procedures from the Swedish Registry for Gallstone Surgery and ERCP. *Gastrointest Endosc* 2010; 72: 1175-84.
39. Swahn F, Arnelo U, Enochsson L, Löhr M, Agustsson T, Gustavsson K, D'sousa MA, Lundell L. Endoscopic closure of a perforated peptic ulcer. *Endoscopy* 2010; 43 Suppl 2: E28-9.
40. Strömberg C, Arnelo U, Enochsson L, Löhr M, Nilsson M. Possible mortality reduction by endoscopic sphincterotomy during endoscopic retrograde cholangiopancreatography: a population-based case-control study. *Surg Endosc* 2012; 26: 369-76.
41. Olsson M, Herrington MK, Reidelberger RD, Permert J, Gebre-Medhin S, Arnelo U. Food intake and meal pattern in IAPP knockout mice with and without infusion of exogenous IAPP. *Scand J Gastroenterol* 2012; 47(2): 191-6.
42. Löhr JM, Aabaken L, Arnelo U, Grönroos J, Halattunen J, Hauge T, Jonas E, Kleveland PM, Nordblad Schmidt P, Swahn F, Saarela A, Toth E, Meisner S. How to cannulate? A survey of the Scandinavian Association for Digestive Endoscopy (SADE) in 141 endoscopists. *Scand J Gastroenterol* 2012; 47(7): 861-9.
43. Frozanpor F, Lundell L, Segersvärd R, Arnelo U. The effect of prophylactic transpapillary pancreatic stent insertion on clinically significant leak rate following distal pancreatectomy: results of a prospective controlled clinical trial. *Ann Surg* 2012; 255(6): 1032-6.
44. Lang MB, Segersvärd R, Grundsten M, Segerdahl M, Arnelo U, Permert J, Franck J, Löhr M, Tsai JA. Management of alcohol use disorders in patients with chronic pancreatitis. *JOP* 2012; 13(6): 654-9.
45. Bexelius TS, Blomberg J, Lu YX, Håkansson HO, Möller P, Nordgren CE, Arnelo U, Lagergren J, Lindblad M. Losartan to prevent hyperenzymemia after endoscopic retrograde cholangiopancreatography: A randomized clinical trial. *World J Gastrointest Endosc* 2012; 4(11): 506-12.
46. Urban O, Arnelo U, Kliment M, Fojtik P, Falt P, Hanousek M, Zoundijekpon V, Kundratova E, Malik T, Holecy P. Cholangiopancreatostomy using SpyGlass direct visualization system: description of the method and initial experience. *Gastroenterol Hepatol* 2013; 67: 124-126.
47. D'Sousa MA, Isaksson B, Löhr M, Enochsson L, Swahn F, Lundell L, Arnelo U. The clinicopathological spectrum and management of intraductal papillary mucinous neoplasm of the bile duct (IPMN-B). *Scand J Gastroenterol* 2013 ; 48: 473-9.
48. Pähsson H-I, Groth K, Permert J, Swahn F, Löhr M, Enochsson L, Lundell L, Arnelo U. Telepresence; a critical aid to secure high quality ERCP in low volume centers. *Endoscopy* 2013; 45: 357-61.
49. Swahn F, Regnér S, Enochsson L, Lundell L, Permert J, Nilsson M, Thorlacius H, Arnelo U. Intraoperative ERCP with rendezvous cannulation: A laparoendoscopic way to avoid post ERCP pancreatitis. *World J Gastroenterol* 2013; 19: 6026-34.

50. Noel R, Enochsson L, Swahn F, Löhr M, Nilsson M, Permert J, Arnelo U. A 10 years study of rendezvous intraoperative endoscopic retrograde cholangiography during cholecystectomy and the risk of post-ERCP pancreatitis. *Surg Endosc* 2013; 27: 2498-503.
51. Swahn F, Nilsson M, Arnelo U, Löhr M, Persson G, Enochsson L. Rendezvous cannulation technique reduces post-ERCP pancreatitis: a prospective nationwide study of 12,718 ERCP procedures. *Am J Gastroenterol* 2013; 108: 552-9.
52. Del Chiaro M, Segersvärd R, Pozzi Mucelli R, Rangelova E, Kartalis N, Ansorge C, Arnelo U, Blomberg J, Löhr M, Verbeke C. Comparison of preoperative conference-based diagnosis with histology of cystic tumors of the pancreas. *Ann Surg Oncol* 2014;21:1539-44.
53. Halttunen J, Meisner S, Aabakken L, Arnelo U, Grönroos J, Hauge T, Kleveland PM, Nordblad Schmidt P, Saarela A, Swahn F, Toth E, Mustonen H, Löhr JM. Difficult cannulation as defined by a prospective study of the Scandinavian Association for Digestive Endoscopy (SADE) in 907 ERCPs. *Scand J Gastroenterol* 2014;49:752-8.
54. Arnelo U, Siiki A, Swahn F, Segersvärd R, Enochsson L, Del Chiaro M, Lundell L, Verbeke CS, Löhr JM. Single-operator pancreatoscopy is helpful in the evaluation of suspected intraductal papillary mucinous neoplasms (IPMN). *Pancreatology* 2014;14:510-4.
55. von Seth E, Arnelo U, Enochsson L, Bergquist A. Primary sclerosing cholangitis increases the risk for pancreatitis after endoscopic retrograde cholangiopancreatography. *Liver Int* 2015;35:254-62.
56. Olsson G, Arnelo U, Lundell L, Persson G, Törnqvist B, Enochsson L. The role of antibiotic prophylaxis in routine endoscopic retrograde cholangiopancreatography investigations as assessed prospectively in a nationwide study cohort. *Scand J Gastroenterol* 2015;50:924-31.
57. Arnelo U, von Seth E, Bergquist A. Prospective evaluation of the clinical utility of single-operator peroral cholangioscopy in patients with primary sclerosing cholangitis. *Endoscopy* 2015; 47: 696-702.
58. Lübbe J, Arnelo U, Lundell L, Swahn F, Törnqvist B, Jonas E, Löhr JM, Enochsson L. ERCP-guided cholangioscopy using a single-use system: nationwide register-based study of its use in clinical practice. *Endoscopy* 2015; 47: 802-7.
59. Haraldsson E, Swahn F, Verbeke C, Mattsson JS, Enochsson L, Ung KA, Lundell L, Heuchel R, Löhr JM, Arnelo U. Endoscopic papillectomy and KRAS expression in the treatment of adenoma in the major duodenal papilla. *Scand J Gastroenterol.* *Scand J Gastroenterol* 2015; 50: 1419-27.
60. Löhr JM, Lönnebro R, Stigliano S, Haas SL, Swahn F, Enochsson L, Noel R, Segersvärd R, Del Chiaro M, Verbeke CS, Arnelo U. Outcome of probe-based confocal laser endomicroscopy (pCLE) during endoscopic retrograde cholangiopancreatography: A single-center prospective study in 45 patients. *United European Gastroenterol J.* 2015 Dec;3(6):551-60.
61. Håkansson B, Montgomery M, Cadiere GB, Rajan A, Bruley des Varannes S, Lerhun M, Coron E, Tack J, Bischops R, Thorell A, Arnelo U, Lundell L. Randomised clinical trial: transoral incisionless fundoplication vs. sham intervention to control chronic GERD. *Aliment Pharmacol Ther.* 2015 Dec;42(11-12):1261-70.

62. Valente R, Baldaque-Silva F, Siiki A, Lübbe J, Enochson L, Lohr M, Arnelo U. Clip and snare lifting technique to assist cannulation of a papilla hidden behind a mucosal fold. *Endoscopy*. 2015;47 Suppl 1 UCTN:E517-8.
63. Valente R, Urban O, Del Chiaro M, Capurso G, Blomberg J, Löhr JM, Arnelo U. ERCP-directed radiofrequency ablation of ampullary adenomas: a knife-sparing alternative in patients unfit for surgery. *Endoscopy*. 2015;47 Suppl 1 UCTN:E515-6.
64. Noel R, Arnelo U, Lundell L, Sandblom G. Does the Frequency of Cholecystectomy Affect the Ensuing Incidence of Gallbladder Cancer in Sweden? A Population-Based Study with a 16-Year Coverage. *World J Surg*. 2016 Jan;40(1):66-72.
65. Noel R, Arnelo U, Enochsson L, Lundell L, Nilsson M, Sandblom G. Regional variations in cholecystectomy rates in Sweden: impact on complications of gallstone disease. *Scand J Gastroenterol*. 2016 Apr;51(4):465-71.
66. Del Chiaro M, Ateeb Z, Hansson MR, Rangelova E, Segersvärd R, Kartalis N, Ansorge C, Löhr MJ, Arnelo U, Verbeke C. Survival Analysis and Risk for Progression of Intraductal Papillary Mucinous Neoplasia of the Pancreas (IPMN) Under Surveillance: A Single-Institution Experience. *Ann Surg Oncol*. 2017 Apr;24(4):1120-1126.
67. Olsson G, Frozanpor F, Lundell L, Enochsson L, Ansorge C, Del Chiaro M, Reuterwall-Hansson M, Shetye A, Arnelo U. Preoperative biliary drainage by plastic or self-expandable metal stents in patients with periampullary tumors: results of a randomized clinical study. *Endosc Int Open*. 2017 Sep;5(9):E798-E808.
68. Haraldsson E, Lundell L, Swahn F, Enochsson L, Löhr JM, Arnelo U; Scandinavian Association for Digestive Endoscopy (SADE) Study Group of Endoscopic Retrograde Cholangio-Pancreaticography. Endoscopic classification of the papilla of Vater. Results of an inter- and intraobserver agreement study. *United European Gastroenterol J*. 2017 Jun;5(4):504-510.
69. Olsson G, Lübbe J, Arnelo U, Jonas E, Törnqvist B, Lundell L, Enochsson L. The impact of prophylactic pancreatic stenting on post-ERCP pancreatitis: A nationwide, register-based study. *United European Gastroenterol J*. 2017 Feb;5(1):111-118.
70. Olsson G, Arnelo U, Swahn F, Törnqvist B, Lundell L, Enochsson L. The H.O.U.S.E. classification: a novel endoscopic retrograde cholangiopancreatography (ERCP) complexity grading scale. *BMC Gastroenterol*. 2017 Mar 9;17(1):38.
71. Waldthaler A, Bergenzaun P, Claesson T, Düzakin M, Trägårdh A, Arnelo U, Pahlsson HI. Continuous Intrabiliary Acetylcysteine Infusion Allowed Perioperative Chemotherapy in a Jaundiced Patient with Malignantly Transformed IPMN and Pancreatobiliary Fistula. *Gastroenterol Hepatol Int J* 2017, 2(2): 000124.
72. Majeed A, Castedal M, Arnelo U, Söderdahl G, Bergquist A and Said K. Optimizing the detection of biliary dysplasia in primary sclerosing cholangitis before liver transplantation. *Scand J Gastroenterol*. 2018 Jan;53(1):56-63.
73. Noel R, Arnelo U, Lundell L, Hammarqvist F, Jumaa H, Enochsson L, Sandblom G. Index versus delayed cholecystectomy in mild gallstone pancreatitis: results of a randomized controlled trial. *HPB (Oxford)* 2018;20:932-938.
74. European Study Group on Cystic Tumours of the Pancreas. European evidence-based guidelines on pancreatic cystic neoplasms. *Gut* 2018;67:789-804. (No individual author, Arnelo U, in charge of two sections)

75. Scandavini C, Valente R, Rangelova E, Segersvärd R, Arnelo U, Permert J, Svensson PJ, Stenman J, Del Chiaro M. Pancreatectomies for pancreatic neoplasms in pediatric and adolescent age: A single institution experience. *Pancreatology* 2018;18:204-207.
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