

Fast-track Pancreatico-duodenectomy

References

Fast-track

Kehlet H, Dahl JB. Anaesthesia, surgery and challenges for postoperative recovery. *Lancet* 2003;362:1921-1928

Kehlet H. Fast-track colorectal surgery. *Lancet* 2008 ;371:791-3.

Kehlet H, Wilmore DW. Evidence-based surgical care and the evolution of fast-track surgery. *Ann Surg* 2008;248:189-98.

Fast-track Pancreatico-duodenectomy

Balzano G, Zerbi A, Braga M, Rocchetti S, Beneduce AA, Carlo VD. Fast-track recovery programme after pancreatico-duodenectomy reduces delayed gastric emptying. *Br J Surg* 2008;95:1387-1393.

Berberat PO, Ingold H, Gulbinas A, Kleeff J, Muller MW, Gutt C, Weigand M, Friess H, Buchler MW. Fast track – Different implications in pancreatic surgery. *J Gastrointest Surg* 2007;11:880-887

Kennedy EP, Rosato EL, Sauter PK, Rosenberg LM, Doria C, Marino IR, Chojnacki KA, Berger AC, Yeo CJ. Initiation of a critical pathway for pancreaticoduodenectomy at an academic institution - the first step in multidisciplinary team building. *J Am Coll Surg* 2007; 204:917-923

Wichmann MW, Roth M, Jauch KW, Bruns CJ. A prospective clinical feasibility study for multimodal „fast track“ rehabilitation in elective pancreatic cancer surgery. *Rozhl Chir* 2006;85:169-175

Pancreatico-duodenectomy

Cameron JL. One thousand consecutive pancreaticoduodenectomies and beyond: a personal series. *Am J Surg* 2007;194:11-15

Finlayson E, Fan Z, Birkmeyer JD. Outcome in octogenarians undergoing high-risk cancer operation: A national study. *J Am Coll Surg* 2007;205:729-734

Lightner AM, Glasgow RE, Jordan TH, Krassner AD, Way LW, Mulvihill SJ, Kirkwood KS. Pancreatic resection in the elderly. *J Am Coll Surg* 2004;198:697-706

McKay A, Sutherland FR, Bathe OF, Dixon E. Morbidity and mortality following multivisceral resections in complex hepatic and pancreatic surgery. *J Gastroent Surg* 2007;12:86-90

Topal B, Van de Sande S, Fieuws S, Penninckx F. Effect of centralization of pancreaticoduodenectomy on nationwide hospital mortality and length of stay. *Br J Surg* 2007;94:1377-1381

Trillingsgaard J, Moesgaard F, Burcharth F, Jensen L, Utzon J, Kehlet H. Pankreatikoduodenektomi i Danmark 1996-2001. *Ugeskr Læger* 2004;166:3595-3597

Tseng JF, Pisters PW, Lee JE, Wang H, Gomez HF, Sun CC, Evans DB. The learning curve in pancreatic surgery. *Surg* 2007;141:694-701

Nasogastric intubation

Barth RN, Becker YT, Odorico JS, Sollinger HW. Nasogastric decompression is not necessary after simultaneous pancreas-kidney transplantation. *Ann Surg*. 2008;247:350-6

Carrère N, Seulin P, Julio CH, Bloom E, Gouzi JL, Pradère B. Is nasogastric or nasojejunal decompression necessary after gastrectomy? A prospective randomized trial. *World J Surg* 2007;31:122-127

Doglietto GB, Papa V, Tortorelli AP, Bossola M, Covino M, Pacelli F. Nasojejunal tube placement after total gastrectomy: a multicenter prospective randomized trial. *Arch Surg* 2004;139:1309-1313

Nelson R, Edwards S, Tse B. Prophylactic nasogastric decompression after abdominal surgery (Review). *Cochrane Database Syst Rev*. 2007;18:CD004929.

Pessaux P, Regimbeau JM, Dondéro F, Plasse M, Mantz J, Belghiti J. Randomized clinical trial evaluating the need for routine nasogastric decompression after elective hepatic resection. *Br J Surg*. 2007 Mar;94(3):297-303

Yang Z, Zheng Q, Wang Z. Meta-analysis of the need for nasogastric or nasojejunal decompression after gastrectomy for gastric cancer. *Br J Surg*. 2008;95:809-16

Drain

Conlon KC, Labow D, Leung D et al. Prospective randomized clinical trial of the value of intraperitoneal drainage after pancreatic resection. *Ann Surg* 2001;234:487-494.

Kawai M, Tani M, Terasawa H, Ina S, Hirono S, Nishioka R, Miyazawa M, Uchiyama K, Yamaue H. Early removal of prophylactic drains reduces the risk of intra-abdominal infections in patients with pancreatic head resection: prospective study for 104 consecutive patients. *Ann Surg* 2006;244:1-7

Petrowsky H, Demartines N, Rousson V, Clavien PA. Evidence-based value of prophylactic drainage in gastrointestinal surgery. A systematic review and meta-analysis. *Ann Surg* 2004;240:1074-1085

Urinary catheter

Basse L, Werner M, Kehlet H. Is urinary drainage necessary during continuous epidural analgesia after colonic resection? *Reg Anesth Pain Med* 2000;25:498-501

Wald HL, Ma A, Bratzler DW, Kramer AM. Indwelling urinary catheter use in the postoperative period: analysis of the national surgical infection prevention project data. *Arch Surg.* 2008;143:551-7.

Pain

Gottschalk A, Freitag M, Steinacker E, Kreissl S, Rempf C, Staude HJ, Strate T, Standl T. Pre-incisional epidural ropivacaine, sufentanil, clonidine, and (S)-ketamine does not provide pre-emptive analgesia in patients undergoing major pancreatic surgery. *Br J Anaesth.* 2008;100:36-41

Ho KY, Gan TJ, Habib AS. Gabapentin and postoperative pain – a systematic review of randomized controlled trials. *Pain* 2006;126:91-101

Hyllested M, Jones S, Pedersen JL, Kehlet H. Comparative effect of paracetamol, NSAID's or their combination in postoperative pain management: a qualitative review. *Br J Anaesth* 2002;88:199-214.

Jørgensen H, Wetterslev J, Moiniche S, Dahl JB. Epidural local anaesthetics versus opioid-based analgesic regimens on postoperative gastrointestinal paralysis, PONV and pain after abdominal surgery. *Cochrane Database Syst rev.* 2004: CD001893.

Kehlet H. Procedure specific postop pain management. *Anesth Clin N Am* 2005;23:203-210

Munafò MR, Stevenson J. Anxiety and surgical recovery. Reinterpreting the literature. *J Psychosom Res* 2001;51:589-96.

Romsing J, Moiniche S, Dahl JB. Rectal and parenteral paracetamol, and paracetamol in combination with NSAID's, for postoperative analgesia. *Br J Anaesth* 2002;88(2):215-26.

Tiippana EM, Hamunen K, Kontinen VK, Kalso E (2007). Do Surgical Patients Benefit from Perioperative Gabapentin/Pregabalin? A Systematic Review of Efficacy and Safety. *Anaesth Analg*;104:1545- 1556.

White PF, Kehlet H, Neal JM; Schricker T, Carr DB. The role of Anesthesiologist in fast-track Surgery: From Multimodal Analgesia to Perioperative Medical Care. *Anesth Analg* 2007;104:1380-1396

www.postoppain.org

PONV

Apfel CC, Korttila K, Abdalla M et al. A factorial trial of six interventions for the prevention of postoperative nausea and vomiting. *N Engl J Med* 2004; 350:2441-2451.

Domino KB, Anderson EA, Polissar NL, Posner KL. Comparative efficacy and safety of ondansetron, droperidol, and metoclopramide for preventing postoperative nausea and vomiting: a meta-analysis. *Anesth Analg* 1999;88:1370-1379.

Gan TJ, Meyer TA, Apfel CC et al. Society for Ambulatory Anesthesia guidelines for the management of postoperative nausea and vomiting. *Anesth Analg* 2007;105:1615-2

Watcha M. Society for Ambulatory Anesthesia guidelines for the management of postoperative nausea and vomiting. *Anesth Analg* 2007;105:1615-28

White PF, Kehlet H, Neal JM; Schricker T, Carr DB. The role of Anesthesiologist in fast-track Surgery: From Multimodal Analgesia to Perioperative Medical Care. *Anesth Analg* 2007;104:1380-1396.

White PF, O'Hara JF, Roberson CR, Wender RH, Candiotti AC. The impact of current antiemetic practices on patient outcomes: A prospective study on high-risk patients. *Anesth Analg* 2008;107:452-458.

Nutrition

Andersen HK, Lewis SJ, Thomas S. Early enteral nutrition within 24h of colorectal surgery versus later commencement of feeding for postoperative complications. *Cochrane Database Syst Rev* 2006;CD004080.

Breuer JP, von DV, von HC, Griesbach M, von SM, Mackh E, Hacker C, Elgeti U (2006). Preoperative oral carbohydrate administration to ASA III-IV patients undergoing elective cardiac surgery. *Anesth Analg*;103:1099-1108.

Daly JM, Donahoo HC. "To eat or not to eat....." *Annals Surg* 2008;247:730-731.

Henriksen MG, Hesso I, Dela F, Hansen HV. Effects of preoperative oral carbohydrates and peptides on postoperative endocrine response, mobilization, nutrition and muscle function in abdominal surgery. *Acta Anaesthesiol Scand* 2003;47:191-199.

Lassen K, Kjaeve J, Fetveit T, Tranø G, Sigurdsson HK, Horn A, Revhaug A. Allowing normal food at will after major upper gastrointestinal surgery does not increase morbidity: a randomized multicenter trial. *Ann Surg*. 2008;247:721-9.

Ng WQ, Neil J. Evidence for early oral feeding of patients after elective open colorectal surgery: a literature review. *J Clin Nurs* 2006;15:696-709.

Noblett SE, Watson DS, Huong H, Davison B, Hainsworth PJ, Horgan AF (2006). Pre-operative oral carbohydrate loading in colorectal surgery: a randomized controlled trial. *Colorectal Dis*;8:563-569.

Smedeley F, Bowling T, James. Randomized clinical trial of the effects of preoperative and postoperative oral nutritional supplements on clinical course and cost of care. *Br J Surg* 2004;91:983-990.

Svanfeldt M, Thorell A, Hausel J et al. (2007). Randomized clinical trial of the effect of preoperative oral carbohydrate treatment on postoperative wholebody protein and glucose kinetics. *Br J Surg*;94:1342-1350.

Yuill KA, Richardson RA, Davidson HI, Garden OJ, Parks RW. The administration of an oral carbohydrate-containing fluid prior to major elective upper-gastrointestinal surgery preserves skeletal muscle mass postoperatively – a randomised clinical trial. *Clin Nutr* 2005;24:32-37

Fluid

Brandstrup B. [Fluid therapy for the surgical patient](#). *Best Pract Res Clin Anaesthesiol* 2006;20:265-83.

Bundgaard-Nielsen M, Holte K, Secher NH, Kehlet H. Monitoring of peri-operative fluid administration by individualized goal-directed therapy. *Acta Anaesth Scand* 2007;51:331-340

Chappell D, Jacob M, Hofmann-Kiefer K, Conzen P, Rehm M. A rational approach to perioperative fluid management. *Anesth* 2008;109:723-740.

Grocott MP, Mythen MG, Gan TJ. Perioperative fluid management and clinical outcomes in adults. *Anesth Analg* 2005;100:1093-1106.

Holte K, Kehlet H. Fluid therapy and surgical outcomes in elective surgery: a need for reassessment in fast-track surgery. *J Am Coll Surg* 2006;202:971-989

Holte K, Kehlet K (2008). Perioperativ væskebehandling – hvad nyt? *Ugeskr Læger*;170:1237-1239.

Bowel prep.

Bucher P, Mermillud B, Gervaz P, Morell P. Mechanical bowel preparation for elective colorectal surgery – a meta-analysis. *Arch Surg* 2004;139:1359-1364.

Contant CM, Hop WC, Van't Sant HP, Oostvogel HJ, Smeets HJ, Stassen LP, Neijenhuis PA, Idenburg FJ, Dijkhuis CM, Heres P, van Tets WF, Gerritsen JJ, Weidema WF. Mechanical bowel preparation for elective colorectal surgery: a multicentre randomised trial. *Lancet* 2007;370:2112-2117

Fa-Si-Oen P, Roumen R, Buitenweg J et al. Mechanical bowel preparation or not? Outcome of a multicenter, randomized trial in elective open colon surgery. *Dis Colon Rectum* 2005; 48:1509-1516.

Guenaga KF, Matos D, Castro AA et al. Mechanical bowel preparation for elective colorectal surgery. *Cochrane Database Syst Rev* 2005;CD001544.

Jung B, Pahlman L, Nystrom PO et al. Multicentre randomized clinical trial of mechanical bowel preparation in elective colonic resection. *Br J Surg* 2007; 94:689-695.

Ram E, Sherman Y, Weil R et al. Is mechanical bowel preparation mandatory for elective colon surgery? A prospective randomized study. *Arch Surg* 2005; 140:285-288.

Slim K, Vicaut E, Launay-Savary MV, Contant C, Chipponi J (2009). Updated systematic review and meta-analysis of randomized clinical trials on the role of mechanical bowel preparation before colorectal surgery. *Annals Surg*;249:203-209.

Ileus

Baig MK, Wexner SD. Postoperative ileus: a review. *Dis Colon Rectum* 2004;47:516-526.

Chan MKY, Law WL. Use of Chewing Gum in reducing postoperative ileus after elective colorectal resection: A systematic review. *Dis Colon Rectum* 2007;50:2149-2157.

Hansen CT, Sørensen M, Møller C, Ottesen B, Kehlet. Effect of laxatives on gastrointestinal functional recovery in fast-track hysterectomy: a double-blind, placebo-controlled randomized study. *Am J Obstet Gynecol* 2007;196: 311-317.

Holte K, Kehlet H. Epidural anaesthesia and analgesia - effects on surgical stress responses and implications for postoperative nutrition. *Clin Nutr* 2002; 21:199-206.

Kehlet H. Preventive measures to minimize or avoid post-operative ileus. *Sem Colon & Rectal Surg* 2005;16:203-206.

Mattei P, Rombeau JL. Review of the pathophysiology and management of postoperative ileus. *World J Surg* 2006;30:1382-1391.

Psychological

Early DS, Janec E, Azar R, Ristvedt S, Gao F, Edmundowicz SA. Patient preference and recall of results of EUS-guided FNA. *Gastroent Endosc* 2006;64:735-9

McLeod RS, Taylor BR, O'Connor BI, Greenberg GR, Jeejeebhoy KN, Royall D, Langer B. Quality of life, nutritional status, and gastrointestinal hormone profile following the Whipple procedure. *Am J Surg* 1995;169:179-85

Riehl M. Help your patient cope with pancreatic cancer. *Nursing* 2007;37:54-7

Convalescence

Hjort Jakobsen D, Sonne E, Andreasen J, Kehlet H. Convalescence after colonic surgery with fast-track vs conventional care. *Colorectal Disease* 2006;8:683-687