

Literaturverzeichnis

¹ Kausch W. Das Carcinom der papilla duodeni und seine radikale Entfernung. Beitr Z Clin Chir. 1912;78:439-486

² Whipple AO, et al. Treatment of carcinoma of the ampulla of Vater. Ann Surg. 1935;102:763-779

³ Watson K. Carcinoma of the ampulla of Vater. Successful radical resection. Br J Surg. 1944;31:368-373

⁴ Traverso LW, Longmire WP Jr. Preservation of the pylorus in pancreaticoduodenectomy: Surg Gynecol Obstet. 1978;146:959-962

⁵ Fischer CP, Hong JC. Method of pyloric reconstruction and impact upon delayed gastric emptying and hospital stay after pylorus-preserving pancreaticoduodenectomy. J Gastrointest Surg. 2006 Feb;10(2):215-9.

⁶ Jahresbericht 2004 des Universitätsklinikums Giessen. Seite 311

⁷ Traverso LW, Longmire WP Jr. Preservation of the pylorus in pancreaticoduodenectomy: a follow-up evaluation. Ann Surg. 1980;192:306-310

⁸ Tran KT, Smeenk HG, van Eijck CH, Kazemier G, Hop WC, Greve JW, Terpstra OT, Zijlstra JA, Klinkert P, Jeekel H. Pylorus-preserving pancreaticoduodenectomy versus standard Whipple procedure: a prospective, randomized multicenter analysis of 170 patients with pancreatic periampullary tumours. Ann Surg 2004;240(5):746-7

⁹ Pisters PW, Hudec WA, Hess KR, Lee JE, Vauthey JN, Lahoti S, Rajman I, Evans DB.

Effect of preoperative biliary decompression on pancreaticoduodenectomy-associated morbidity in 300 consecutive patients. Ann Surg. 2001 Jul;234(1):47-55.

¹⁰ Jagannath p, Dhir V, Shrikhande S, Shah RC, Mullerpatan P, Mohandas KM.

Effect of preoperative biliary stenting on immediate outcome after pancreaticoduodenectomy. Br J Surg. 2005 Mar;92(3):356-61.

¹¹ Trede M, Schwall G, Saeger HD. Survival after pancreatectomy. 118 consecutive resections without an operative mortality. Ann Surg. 1990 Apr;211(4):447-58.

¹² Yeo CJ, Cameron JL, Sohn TA, Lillemoe KD, Pitt HA, Talamini MA, Hruban RH, Ord SE, Sauter PK, Coleman J, Zahurak ML, Grochow LB, Abrams RA. Six hundred fifty consecutive pancreaticoduodenectomies in the 1990s: pathology, complications, and outcomes. Ann Surg 1997;226(3):248-57

¹³ Farley DR, Schwall G, Trede M. Completion pancreatectomy for surgical complications after pancreaticoduodenectomy. Br J Surg. 1996 Feb;83(2):176-9

¹⁴ Rüden H, Daschner F, Schumacher M. Nosokomiale Infektionen in Deutschland-Erfassung und Prävention (NIDEP Studie), Teil 1. Prävalenz nosokomialer Infektionen, Qualitätssicherung in der Krankenhaushygiene, Bd 56. Schriftenreihe des Bundesministeriums für Gesundheit. Nomos, Baden-Baden 1995

¹⁵ Ermittlung und Analyse von Krankenhausinfektionen. Deutsche Krankenhaus-Verlagsgesellschaft 1990, Düsseldorf

¹⁶ Bryan RB, Hosmer D, Chen HC, Teres D, Sands M, Bradley S, Opitz E, Swedzinski D, Opalenck D. A comparison of infections in different ICUs within the same hospital. Crit Care Med 1985;13:472

¹⁷ Chandraseta PM, Kruse JA, Matthews MF. Nosocomial infection among patients in different types of intensive care unit at a city hospital. Crit Care Med 1986;14:508

¹⁸ Ramsay G, van Saene RHKF. Selective gut decontamination in intensive care and surgical practice: where are we? World J Surg 1998;22:164-70

¹⁹ Thorp JM, Richards WC, Telfer ABM. A survey of infection in an intensive care unit. Anaesthesia 1979;68:457

²⁰ Wacha H, Hau T, Dittmer R, Ohmann C. Risk factors associated with intraabdominal infections: a prospective multicenter study. Langenbeck's Arch Surg 1999;384:24-32

²¹ Yang YM, Tian XD, Zhuang Y, Wang WM, Wan YL, Huang YT. Risk factors for pancreatic leakage after pancreaticoduodenectomy. World J Gastroenterol 2005;11(16):2456-61

²² Adam U, Makowiec F, Riediger H, Scharek WD, Benz S, Hopt UT. Risk factors for complications after pancreatic head resection. Ann J Surg 2004;187:201-208.

²³ Berg RD, Garlington AW. Translocation of certain indigenous bacteria from the gastrointestinal tract to the mesenteric lymph nodes and other organs in a gnotobiotic mouse model. *Infect Immun* 1979;23:403-411

²⁴ Wells CL, Maddaus MA, Simmons RL. Proposed mechanism for the translocation of intestinal bacteria. *Rev Infect Dis* 1988;10:958-979

²⁵ Nieuwenhuijs VB, Verheem A, Duijvenbode-Beumer H, Visser MR, Verhoef J, Gooszen HG, Akkermans LM. The role of interdigestive small bowel motility in the regulation of gut microflora, bacterial overgrowth, and bacterial translocation in rats. *Ann Surg* 1998;228:188-93

²⁶ Deitch EA, Dazhong X, Naruhn MB, Deitch DC, Qi L, Marino AA. Elemental diet and iv-TPN-induced bacterial translocation is associated with loss of intestinal mucosal barrier function against bacteria. *Ann Surg* 1995;221:299-307

²⁷ Deitch EA. The role of intestinal barrier failure and bacterial translocation in the development of systemic infection and multiple organ failure. *Arch Surg* 1990;125:403-404

²⁸ Runkel NSF, Moody FG, Smith GS, Rodriguez LF, LaRocco MT, Miller TA. The role of the gut in the development of sepsis in acute pancreatitis. *J Surg Res* 1991;51:18-23

²⁹ Amin II, Douce GR, Osborne MP, Stephen J. Quantitative studies of invasion of rabbit ileal mucosa by *Salmonella typhimurium* strains which differ in virulence in a model of gastroenteritis. *Infect Immun* 1994;62:569-578

³⁰ Sansonetti PJ. Microbes and microbial toxins: paradigms for microbial-mucosal interactions III. Shigellosis: from symptoms to molecular pathogenesis. Am J Gastrointest Liver Physiol 2001;280:319-323

³¹ Mainous MR, Tso P, Berg RD, Deitch EA. Studies of the route, magnitude, and time course of bacterial translocation in a model of systemic inflammation. Arch Surg 1991;126:33-37

³² Spitz J, Yhan R, Koutsouris A, et al. Enteropathogenic Escherichia coli adherence to intestinal epithelial monolayers diminishes barrier function. Am J Physiol 1995;268:G374-37

³³ Wells CL, Jechorek RP, Olmsted SB, Erlandsen SL. Bacterial translocation in cultured enterocytes: magnitude, specificity, and electron microscopic observations on endocytosis. Shock 1994;1:443-451

³⁴ Gautreaux MD, Deitch EA, Berg RD. Bacterial translocation from the gastrointestinal tract to various segments of the mesenteric lymph node complex. Infect Immun 1994;62:2132-2134

³⁵ Wang X, Andersson R, Soltesz V, Guo W, Bengmark S. Water-soluble methylhydroxy cellulose prevents bacterial translocation induced by major liver resection in the rat. Ann Surg 1993;217:155-167

³⁶ Sedman PC, Macfie J, Sagar P, Mitchell CJ, May J, Mancey-Jones B, Johnstone D. The prevalence of gut translocation in humans. Gastroenterolog 1994;107:643-649

³⁷ Ambrose NS, Johnson M, Burdon DW, Keighley MRB. Incidence of pathogenic bacteria from mesenteric lymph nodes and ileal serosa during Crohn's disease surgery. Br J Surg 1984;71:623-625

³⁸ Berg R. Promotion of the translocation of enteric bacteria from the gastrointestinal tract of mice by oral treatment with penicillin, clindamycin or metronidazole. Infect Immun 1981;33:854-861

³⁹ Garcia-Lafuente A, Antolin M, Guarner F, Crespo E, Malagelada JR. Modulation of colonic barrier function by the composition of the commensal flora in the rat. Gut 2001;48:503-507

⁴⁰ Donowitz LG, Wenzel RP, Hoyt JW. High risk of hospital acquired infection in the ICU patient. Crit Care Med 1982;10:335

⁴¹ Horton JW, Walker PB. Oxygen radicals, lipid peroxidation, and permeability changes after intestinal ischemia and reperfusion. J Appl Physiol 1993;74:1515-1520

⁴² Welsh FKS, Farmery SM, MacLennan K, Sheridan MB, Barclay GR, Guillou PJ, Reynolds JV. Gut barrier function in malnourished patients. Gut 1998;42:396-40

⁴³ Omura K, Hirano K, Kanehira E, Kaito K, Tamura M, Nishida S, Kawakami K, Watanabe Y. Small amount of low-residue diet with parenteral nutrition can prevent decreases in intestinal mucosal integrity. Ann Surg 2000;231:112-118

⁴⁴ Gibson GR, Roberfroid MB. Dietary modulation of the human colonic microbiota. Introducing the concept of prebiotics. *J Nutr* 1995;125:1401-1412

⁴⁵ Gibson GR, Roberfroid MB. Dietary modulation of the human colonic microbiota. Updating the concept of prebiotics. *Nutr. Res Rev.* 2004;17-259-75

⁴⁶ Bengmark S. Gut environment and immune function. *Current opinion in clinical nutrition and metabolic care* 1999;2:83-85

⁴⁷ Schrezenmeier J, de Vrese M. Probiotics, prebiotics, and synbiotics-approaching a definition. *Am J Clin Nutr* 2001;73:361S-364S

⁴⁸ Farthing MJG. Bugs and the gut: an unstable marriage. *Best Pract Res Clin Gastroenterol* 2004;18:233-239

⁴⁹ Parvez S, Malik KA, Kang SA, Kim HY. Probiotics and their fermented food products are beneficial for health. *J Appl Microbiol.* 2006 Jun;100(6):1171-85. Review.

⁵⁰ Bengmark S. Bioecological control of the gastrointestinal tract: the role of flora and supplemented probiotics and synbiotics. *Gastroenterol Clin N Am* 2005;34:413-36

⁵¹ Meier R, Steuerwald M. Place of probiotics. *Current opinion in critical care* 2005;11:318-325

⁵² Cui HH, Chen CL, Wang JD, Yang YJ et al. Effects of probiotic on intestinal mucosa of patients with ulcerative colitis. *World J Gastroenterol* 2004;10(10):1521-1525

⁵³ Hart AL, Lammers K, Brigidi P, Vitali B, Rizzello F, Gionchetti P, Campieri M, Kamm MA, Knight SC, Stagg AJ. Modulation of human dendritic cell phenotype and function by probiotic bacteria. Gut 2004;53:1602-9

⁵⁴ Sheih YH, Chiang BL, Wang LH, Liao CK, Gill HS. Systemic immunity-enhancing effects in healthy subjects following dietary consumption of the lactic acid bacterium *Lactobacillus rhamnosus HN001*. J Am Coll Nutr 2001;20:149-156

⁵⁵ Kim DH, Austin B. Cytokine expression in leucocytes and gut cells of rainbow trout, *Oncorhynchus mykiss* Walbaum, induced by probiotics. Vet Immunol Immunopathol. 2006 Dec 15;114(3-4):297-304. Epub 2006 Sep 29.

⁵⁶ Walker WA, Goulet O, Morelli L, Antoine JM. Progress in the science of probiotics: from cellular microbiology and applied immunology to clinical nutrition. Eur J Nutr. 2006 Jul;45 Suppl 9:1-18.

⁵⁷ Lu MC, Yang MD, Chen W, Wu LT. Probiotic *Lactobacillus rhamnosus* can promote gastrointestinal functions effectively and safely in humans. Clin Nutr 2004;23:856-857

⁵⁸ Rayes N, Seehofer D, Hansen S, Boucsein K, Müller AR, Serke S, Bengmark S, Neuhaus P. Early enteral supply of lactobacillus and fiber versus selective bowel decontamination: a controlled trial in liver transplant recipients. Transplantation 2002;74:123-128

⁵⁹ Rayes N, Hansen S, Seehofer D, Müller AR, Serke S, Bengmark S, Neuhaus P. Early enteral supply of fiber and lactobacilli versus parenteral nutrition- a controlled trial in major abdominal surgery patients. Nutrition 2002;18:609-15

⁶⁰ Seehofer D, Rayes N, Schiller RA, Stockmann M, Müller AR, Schirmeier A, Schaeper F, Tullius SG, Bengmark S, Neuhaus P. Probiotics partly reverse increased bacterial translocation after simultaneous liver resection and colonic anastomosis in rats. *J Surg Res* 2004;117:262-271

⁶¹ Takahashi N, Kitazawa H, Iwabuchi N, Xiao JZ, Miyaji K, Iwatsuki K, Saito T. Oral administration of an immunostimulatory DNA sequence from *Bifidobacterium longum* improves Th1/Th2 balance in a murine model. *Biosci Biotechnol Biochem*. 2006 Aug;70(8):2013-7.

⁶² Timmermann HM, Koning CJM, Mulder L, Rombouts FM, Beynen AC. Monostrain, multistrain and multispecies probiotics. A comparison of functionality and efficacy. *Int J Food Microbiol* 2004;96:219-33

⁶³ Kruszewska D , Lan J, Lorca G, Yanagisawa N, Marklinder I, Ljungh Å. Selection of lactic acid bacteria as probiotic strains by in vitro tests. *Microbial Ecology in Health and Disease*, under publication

⁶⁴ Ljungh Å, Lan J-G, Yamagisawa N. Isolation, selection and characteristics of *Lactobacillus paracasei* ssp *paracasei* isolate F19. *Microb Ecol Health Dis* 2002; Suppl 3:4-6

⁶⁵ Di Carlo V, Gianotti L, Balzano G, Zerbi A, Braga M. Complications of pancreatic surgery and the role of perioperative nutrition. *Dig Surg* 1999;16:320

⁶⁶ Rayes N, Seehofer D, Theruvath T, Schiller RA, Langrehr JM, Jonas S, Bengmark S, Neuhaus P. Supply of pre- and probiotics reduces bacterial infection rates after liver transplantation: a randomized, double-blind trial. Am J Transplant 2005;5:125-30

⁶⁷ Olah A, Belagyi T, Issekutz A, Gamal ME, Bengmark S. Randomized clinical trial of specific *Lactobacillus* and fibre supplement to early enteral nutrition in patients with acute pancreatitis. Br J Surg 2002;89:1103-1107

⁶⁸ Olah A, Belagyi T, Issekutz A, Olgayi G. Combination of early nasojejunal feeding with modern synbiotic therapy in the treatment of severe acute pancreatitis (prospective, randomized, doubl-blind study). Magy Seb. 2005;58(3):173-178

⁶⁹ Kotzampassi K, Giannarellou-Bourboulis EJ, Voudouris A, Kazamias P, Eleftheriadis E. Benefits of a synbiotic formula (Synbiotic 2000Forte) in critically Ill trauma patients: early results of a randomized controlled trial. World J Surg. 2006 Oct;30(10):1848-55.

⁷⁰ Brook I, Frazier EH. Microbiology of subphrenic abscesses: a 14-year experience. Am Surg 1999;65:1049-1053

⁷¹ Muftuoglu MA, Isikgor S, Tosun S, Saglam A. Effects of probiotics on the severity of experimental acute pancreatitis. Eur J Clin Nutr 2005;

⁷² Marotta F, Barreto R, Wu CC, Naito Y, Gelosa F, Lorenzetti A, Yoshioka M, Fesce E. Experimental acute alcohol pancreatitis-related liver damage and endotoxemia: synbiotics but not metronidazole have a protective effect. Chin J Dig Dis 2005;6:193-197

⁷³ Lidbeck A, Overvik E, Rafter J, et al. Effect of *Lactobacillus acidophilus* supplements on mutagen excretion in feces and urine in humans. *Microbial Ecology in Health and Disease* 1992;5:59-67

⁷⁴ Gill HS, Rutherford KJ, Prasad J, Gopal PK. Enhancement of natural and acquired immunity by *Lactobacillus rhamnosus* (HN001), *Lactobacillus acidophilus* (HN017) and *Bifidobacterium lactis* (HNO19). *Br J Nutr* 2000;83:167-176

⁷⁵ Reid G, Jass J, Sebulsky MT, McCormick JK. Potential uses of probiotics in clinical practice. *Clin Microbiol Rev* 2003;16:658-672

⁷⁶ Hedberg AM, Lairson DR, Aday LA, Chow J, Suki R, Houston S, Wolf JA. Economic implications of an early postoperative enteral feeding protocol. *J Am Diet Assoc* 1999;99:802

⁷⁷ Mainous MR, Lipsett PA, O'Brien M, and the John Hopkins SICU group. Enterococcal bacteremia in the surgical intensive care unit. Does vancomycin resistance affect mortality. *Arch Surg* 1997;132:76-81

⁷⁸ Boyle RJ, Robins-Browne RM, Tang MLK. Probiotic use in clinical practice: what are the risks? *Am J Clin Nutr.* 2006 Jun;83(6):1256-64; quiz 1446-7. Review.

⁷⁹ Wagner RD, Warner T, Roberts L, Farmer J, Balish E. Colonization of congenitally immunodeficient mice with probiotic bacteria. *Infect Immun* 1997;65:3345-51.

⁸⁰ Rautio M, Jousimies-Somer H, Kauma H, et al. Liver abscess due to a *Lactobacillus rhamnosus* strain indistinguishable from *L. rhamnosus* strain GG. Clin Infect Dis 1999;28:1159–60.

⁸¹ Kunz AN, Noel JM, Fairchok MP. Two cases of *Lactobacillus* bacteremia during probiotic treatment of short gut syndrome. J Pediatr Gastroenterol Nutr 2004;38:457–8.

⁸² De Groote MA, Frank DN, Dowell E, Glode MP, Pace NR. *Lactobacillus rhamnosus* GG bacteremia associated with probiotic use in a child with short gut syndrome. Pediatr Infect Dis J 2005;24:278–80

⁸³ Oggioni MR, Pozzi G, Valensin PE, Galieni P, Bigazzi C. Recurrent septicemia in an immunocompromised patient due to probiotic strains of *Bacillus subtilis*. J Clin Microbiol 1998;36:325–6.

⁸⁴ Hennequin C, Kauffmann-Lacroix C, Jobert A, et al. Possible role of catheters in *Saccharomyces boulardii* fungemia. Eur J Clin Microbiol Infect Dis 2000;19:16–20.