

Original Publikationen

Gasser M, Timmermann W, Vowinkel T, Tykal K, Hoppe H, Otto C, Gassel AM, Meyer D, Ulrichs K, Thiede A; **Effect of selective immunosuppression with FK 506, anti-IL-2R, and anti-ICAM-1 mAb in rat small bowel transplantation;** Transplant Proc. 30 (6): 2605-2606, 1998

Timmermann W, Hoppe H, Gasser M, Vowinkel T, Tykal K, Otto C, Gassel AM, Thiede A; **Noninvasive videomicroscopic monitoring of rat small bowel rejection;** Transplant Proc. 30 (6): 2660-2661, 1998

Tykal K, Otto C, Gasser M, Vowinkel T, Hoppe H, Timmermann W, Ulrichs K, Thiede A; **Flow cytometric analysis of graft and host specific cell migration after allogeneic small bowel transplantation;** Infusion Therapy and Transfusion Medicine 25: 352-359, 1999

Hoppe H, Gasser M, Gassel AM, Vowinkel T, Timmermann W, Otto C, Tykal K, Thiede A; **Noninvasive videomicroscopic monitoring of rat small-bowel rejection;** Microsurgery 19 (2): 89-94, 1999

Timmermann W, Hoppe H, Otto C, Gasser M, Vowinkel T, Gassel AM, Meyer D, Gassel HJ, Ulrichs K, Thiede A; **Videomicroscopic imaging of graft mucosa for monitoring immunosuppressive therapy after small intestinal transplantation in rats;** Transplantation 67 (12): 1555-1561, 1999

Vowinkel T, Wolters HH, Schult M, Vogel T, Heidenreich S, Menzel J, Diederich S, Schuermann G, Dietl KH, Senninger N; **End-stage hepatorenal disease: combined liver and kidney transplantation? Report on experiences in Muenster;** Transplantationsmedizin 12: 93-96, 2000

Wolters HH, Vowinkel T, Schult M, Heidenreich S, Vogel T, Senninger N, Dietl KH; **Results and surgical aspects in living kidney donation;** Transplantationsmedizin 12: 70, 2000

Biermann L, Vowinkel T; **Indikationen und Ergebnisse der chirurgischen Therapie der chronischen Pankreatitis**; In: Chirurgie von Leber, Gallenwegen und Pankreas: aktuelle Diagnostik und Therapiekonzepte (Hrsg.: Senninger N, Colombo-Benkmann M); Logos Verlag Berlin, 99-116, 2001

Schult M, Wolters HH, Vowinkel T, Pelster FW, Schierbaum KF, Senninger N, Dietl KH; **Extraanatomic bypasses – an useful alternative for overcoming arterial complications in liver transplant patients?**; Transplantationsmedizin 2 (2), 2001

Schult M, Vowinkel T, Senninger N; **How are beginning students in surgery selected? Results of a survey of German consultant surgeons**; Chirurg 72 (5): 621-629, 2001

Vowinkel T, Wolters HH, Brockmann J, Vogel T, Staehle D, Heidenreich S, Menzel J, Senninger N, Dietl KH; **End-stage liver and kidney disease: results of combined transplantation**; Transplant Proc. 34 (6): 2276-2277, 2002

Staehle D, Vogel T, Wolters HH, Brockmann J, Vowinkel T, Menzel J, Hermann M, Senninger N, Dietl KH; **Screening for clostridia and treatment of clostridia contamination to prevent fatal infections after liver transplantation**; Transplant Proc. 34 (6): 2292-2293, 2002

Wolters HH, Vowinkel T, Brockmann J, Palmes D, Heidenreich S, Dietl KH; **Living donor renal transplantation – experience with 50 patients in 5 years**; Transplant Proc. 34 (6): 153-155, 2002

Wolters HH, Vowinkel T, Schult M, Heidenreich S, Senninger N, Dietl KH; **Fibromuscular dysplasia in a living donor: early postoperative allograft artery stenosis with successful venous interposition**; Nephrol Dial Transplant. 17 (1): 153-155, 2002

Wolters HH, Vowinkel T, Heidenreich S, Brockmann J, August C, Kriegelstein CF, Senninger N, Dietl KH; **Expanding the donor pool using marginal organs: single-center experience with 36 double-kidney transplantations in 5 years**; Transplant Proc. 35(6): 2099, 2003

Vowinkel T, Granger DN; **Physiological genomics of reperfusion injury**; In: C. Ince ed, Physiological genomics of the critically ill mouse, Kluwer Academic Publishers, Boston, pp 145-158, 2003

Granger DN, Vowinkel T, Petnehazy T; **Modulation of the Inflammatory Response in Cardiovascular Disease**; Hypertension 43: 1-8, 2004 (Epub 2004 March 9) Review

Vowinkel T, Kalogeris TJ, Mori M, Krieglstein CF, Granger DN; **Impact of Dextran Sulphate Sodium Load on the Severity of Inflammation in Experimental Colitis**; Dig Dis Sci 49 (4): 556-564, 2004

Vowinkel T, Mori M, Krieglstein CF, Russell J, Saijo F, Bharwani S, Turnage RH, Davidson WS, Tso P, Granger DN, Kalogeris TJ; **Apolipoprotein A-IV inhibits experimental colitis**; J Clin Invest 114: 260-269, 2004

Mori M, Salter JW, Vowinkel T, Krieglstein CF, Stokes KY, Granger DN; **Molecular Determinants of the Prothrombotic Phenotype Assumed by Inflamed Colonic Venules**; Am J Physiol Gastrointest Liver Physiol 288: 920-926, 2005 (Epub 2004 Nov 18)

Ishikawa M, Vowinkel T, Stokes KY, Arumugam TV, Zhang JH, Nanda A, Granger DN; **CD40-CD40L signaling in mouse cerebral microvasculature after focal ischemia/reperfusion**; Circulation 111(13):1690-1696, 2005 (Epub 2005 Mar 28)

Vowinkel T; **Operative Therapie der chronischen Pankreatitis**; In: Chirurgie von Leber, Gallenwegen und Pankreas (Hrsg.: Senninger N, Colombo-Benkmann M); Lehmanns Media – LOB.de, Berlin (ISBN 3-86541-109-6): 62-75, 2005

Vowinkel T, Tübergen D; **Journalclub: Dysphagiebehandlung bei fortgeschrittenem Ösophaguskarzinom**; Der Onkologe 11: 212-213, 2005

Mori M, Stokes KY, Vowinkel T, Watanabe N, Elrod JW, Harris NR, Lefer DJ, Hibi T, Granger DN; **Colonic blood flow responses in experimental colitis: timecourse and underlying**

mechanisms; Am J Physiol Gastrointest Liver Physiol. 289: G1024-G1029, 2005 [Epub 2005 Aug 4]

Vowinkel T, Wood KC, Stokes KY, Russell J, Krieglstein CF, Granger DN; **Differential expression and regulation of murine CD40 in regional vascular beds**; Am J Physiol Heart Circ Physiol. 290: H631-H639, 2006 [Epub 2005 Sep 19]

Vowinkel T, Granger DN; **The Gastrointestinal Microcirculation**; In: Shepro D, Editor-in-Chief, Microvascular Research – Biology and Pathology, Volume 1-2, Elsevier, Massachusetts, ISBN: 0-12-639510-1: 433-438 (Chapter 68), 2005

Petnehazy T, Vowinkel T, Granger DN; **Physiology of the Gastrointestinal Circulation**; In: Ginès, Arroyo, Rodés, Schrier eds, Ascites and Renal Dysfunction in Liver Disease, 2nd edition, Pathogenesis, Diagnosis and Treatment, Blackwell Publishing Inc, Massachusetts, ISBN: 1-4051-1804-0: 29-42, 2005

Anthoni C, Laukoetter MG, Rijcken E, Vowinkel T, Mennigen R, Muller S, Senninger N, Russell J, Jauch J, Bergmann J, Granger DN, Krieglstein CF; **Mechanisms underlying the anti-inflammatory actions of boswellic acid derivatives in experimental colitis**; Am J Physiol Gastrointest Liver Physiol. 290 (6): G1131-G1137, 2006 [Epub 2006 Jan 19]

August C, Brockmann J, Vowinkel T, Wolters H, Dietl KH, Levkau B, Heidenreich S, Lang D, Baba H; **Stress associated proteins metallothionein, HO-1 and HSP 70 in human zero-hour biopsies of transplanted kidneys**; Virchows Arch 449: 192-199, 2006 (Epub 2006 Juni 1)

Vowinkel T, Senninger N; **Evidenzbasierte laparoskopische Chirurgie: Appendizitis / Evidence-based laparoscopic surgery: Appendicitis**; Viszeralchirurgie 41: 237-240, 2006
Review

Vowinkel T, Anthoni C, Wood KC, Stokes KY, Russell J, Gray L, Bharwani S, Senninger N, Alexander S, Kriegelstein CF, Grisham MB, Granger DN; **CD40-CD40 Ligand mediates the recruitment of leukocytes and platelets in the inflamed murine colon**; Gastroenterology 132: 955-965, 2007 [Epub 2006 Dec 17]

Anthoni C, Russell J, Wood KC, Stokes KY, Vowinkel T, Kirchhofer D, Granger DN **Tissue factor: A mediator of inflammatory cell recruitment, tissue injury and thrombus formation in experimental colitis**; J Exp Med 240 (7): 1595-1601, 2007 [Epub 2007 Jun 11]

Vowinkel T, Wood KC, Stokes KY, Russell J, Taylor A, Anthoni C, Senninger N, Kriegelstein CF, Granger DN; **Mechanisms of platelet and leukocyte recruitment in experimental colitis**; Am J Physiol Gastrointest Liver Physiol. 293: 1054-1060, 2007 [Epub 2007 Sep 20]

Vowinkel T, Senninger N; **Qualitätsmanagement und Dokumentation**; Viszeralchirurgie up2date, Jahrgang 2, Heft 06, 453-468, 2008 (DOI: 10.1055/s-2008-1039023)

Senninger N, Vowinkel T; **Zertifizierung in den Chirurgischen Fächern – Fakten, Chancen und Fehlentwicklungen**; MedReport, Organ für ärztliche Fortbildungskongresse, 125. Kongress der Deutschen Gesellschaft für Chirurgie, 22.-25.04.2008, Nr. 16, 32. Jahrgang, Seiten 1 + 3, 2008

Vowinkel T, Senninger N; **Hilft die Zertifizierung zur Elimination von Fehlversorgung? / Does certification help to eliminate inappropriate health care services**; Der Onkologe 14: 715-720, 2008

Saijo F, Milsom AB, Bryan NS, Bauer SM, Vowinkel T, Ivanovic M, Andry C, Granger DN, Rodriguez J, Feelisch M; **On the dynamics of nitrite, nitrate and other biomarkers of nitric oxide production in inflammatory bowel disease**; Nitric Oxide 22(2): 155-167, 2010. [Epub ahead of print 2009, Dec 11]

Gottschalk A, Venherm S, Vowinkel T, Tübergen D, Frosch M, Hahnenkamp K; **Anesthesia for balloon dilatation of esophageal strictures in children with epidermolysis bullosa dystrophica: from intubation to sedation**; Curr Opin Anaesthesiol 23(4): 518-522, 2010

Schleicher C, Senninger N, Vowinkel T, Anthoni C; **Stoma prolapse and stoma retraction**; Chirurg 81 (11): 978-981, 2010

Laukötter MG, Mennigen R, Hannig CM, Osada N, Rijcken E, Vowinkel T, Krieglstein CF, Senninger N, Anthoni C, Bruewer M; **Intestinal cancer risk in Crohn's disease: a meta-analysis**; J Gastrointest Surg 15 (4): 576-83. 2011

Vowinkel T, Senninger N; **Qualitätsmanagement und Dokumentation**; Klin Monbl Augenheilkd. 228 (2): R15-28, 2011

Gronwald C, Vowinkel T, Hahnenkamp K; [Regional anesthetic procedures in immunosuppressed patients: risk of infection](#); Curr Opin Anaesthesiol. 24 (6): 698-704, 2011

Vowinkel T; **Kongress des ACS und Besuch von Kliniken in den USA**; Deutsche Gesellschaft für Chirurgie; Mitteilungen 4/11: 378-382, 2011

Boschin M, Ellger B, van den Heuvel I, Vowinkel T, Langer M, Hahnenkamp K; [Bilateral ultrasound-guided axillary plexus anesthesia in a child with dystrophic epidermolysis bullosa.](#); Paediatr Anaesth. 22(5): 504-506, 2012

Wolters HH, Vowinkel T; [Risks in life after living kidney donation.](#); Nephrol Dial Transplant. 27(8): 3021-3023, 2012

Funke K, Bonrath E, Mardin WA, Becker JC, Haier J, Senninger N, Vowinkel T, Hoelzen JP, Mees ST; **Blended learning in surgery using the Inmedea Simulator**; Langenbecks Arch Surg, 398(2): 225-340, 2013

Bahde R, Vowinkel T, Unser J, Anthoni C, Hölzen JP, Suwelack B, Senninger N, Wolters HH; **Prognostic factors for kidney allograft survival in the Eurotransplant Senior Program**; Ann Transplant.19: 201-209, 2014

Dhayat SA, Mardin WA, Köhler G, Bahde R, Vowinkel T, Wolters H, Senninger N, Haier J, Mees ST; **The microRNA-200-family - A potential diagnostic marker in hepatocellular carcinoma?**; J Surg Oncol. 110: 430-438, 2014

Vowinkel T, Senninger N; **Retroperitoneal emphysema after endoscopic retrograde cholangiopancreatography**; Der Chirurg 86(5): 462-467, 2015

Vowinkel T, Laukoetter M, Mennigen R, Hahnenkamp K, Gottschalk A, Boschin M, Frosch M, Senninger N, Tübergen D; **A two-step multidisciplinary approach to treat recurrent esophageal strictures in children with epidermolysis bullosa dystrophica**; Endoscopy 47(6): 541-544, 2015 (Epub 2015 Jan 15)

Rathmayer M, Vowinkel T,Schepp W; **Improvement of cost allocation in gastroenterology by introduction of a novel service catalogue covering the complete spectrum of endoscopic procedures**; Z Gastroenterol 2015; 53(3): 183-98

Mennigen R, Harting C, Lindner K, Vowinkel T, Rijcken E, Palmes D, Senninger N, Laukoetter MG; **Comparison of Endoscopic Vacuum Therapy Versus Stent for Anastomotic Leak After Esophagectomy**; J Gastrointest Surg 19(7):1229-1235, 2015

Müller, A-K, Senninger N, Vowinkel T; **Relevance of Postoperative Peak Transaminase After Elective Hepatectomy**; Ann Surg 2015 Nov 25, epub ahead of print

Denzer U, Beilenhoff U, Eickhoff A, Faiss S, Hüttl P, In der Smitten S, Jakobs R, Jenssen C, Keuchel M, Langer F, Lerch MM, Lynen Jansen P, May A, Mennigen R, Moog G, Rösch T, Rosien U, Vowinkel T, Wehrmann T, Weickert U; **S2k guideline: quality requirements for gastrointestinal endoscopy, AWMF registry no. 021-022**; Z Gastroenterol 2015 53(12): 1496-1530

Neumann PA, Laukoetter M, Mennigen R, Keschull L, Bettenworth D, Lenze F, Ullerich H, Senninger N, Vowinkel T; **Solving a disaster following coronary bypass operation**; Gut 2016 65(10): 1601

Nowacki TM, Remaley AT, Bettenworth D, Eisenblätter M, Vowinkel T, Becker F, Vogl T, Roth J, Tietge UJ, Lügering A, Heidemann J, Nofer JR; **The 5A apolipoprotein A-I (apoA-I) mimetic peptide ameliorates experimental colitis by regulating monocyte infiltration**; Br J Pharmacol. 2016 Sep;173(18):2780-92

Laukoetter MG, Mennigen R, Neumann PA, Dhayat S, Horst G, Palmes D, Senninger N, Vowinkel T.; **Successful closure of defects in the upper gastrointestinal tract by endoscopic vacuum therapy (EVT): a prospective cohort study**; Surg Endosc. 2017, 31(6): 2687-2696 [Epub 2016 Oct 5]

Dhayat SA, Mirgorod P, Lenschow C, Senninger N, Anthoni C, Vowinkel T; **Challenges in pancreatic adenocarcinoma surgery - national survey and current practice guidelines**; PLOS One 2017, Mar 7; 12(3): e0173374

Becker F, Holthoff C, Anthoni C, Rijcken E, Alexander JS, Gavins F, Spiegel HU, Senninger N, Vowinkel T; **Down-Regulation of CX3CR1 Ameliorates Experimental Colitis: Evidence for CX3CL1-CX3CR1 Mediated Immune Cell Recruitment**; Int J Colorectal Dis. 2017, 32(3): 315-324 (Epub 2016 Dec 10)

Neumann PA, Mennigen R, Palmes D, Senninger N, Vowinkel T, Laukoetter MG; **Pre-emptive endoscopic vacuum therapy for treatment of anastomotic ischemia after esophageal resections**; Endoscopy 2017, 49(5): 498-503 [Epub 2017 Jan 20]

Schmidt F, Mennigen R, Vowinkel T, Neumann PA, Senninger N, Palmes D, Laukoetter MG; **Endoscopic Vacuum Therapy (EVT) - a New Concept for Complication Management in Bariatric Surgery**; Obes Surg. 27 (9): 2499-2505, 2017

Vowinkel T, Laukötter MG, Senninger N, Mennigen R; **Komplikationsmanagement am oberen GI-Trakt – der Wandel vom Stent zur endoskopischen Vakuumtherapie**; Endo-Praxis 33(04): 191-195, 2017

Steger U, Bisping M, Urban J, Vowinkel T, Wiesmann A, Ryll J; **Day Surgery for Endoscopic Inguinal Hernia Repair**; Zentralbl Chir. 2018 Feb 22. doi: 10.1055/s-0043-123347. [Epub ahead of print]

Becker F, Vogel T, Voß T, Mehdorn AS, Schütte-Nütgen K, Reuter S, Mohr A, Kabar I, Bormann E, Vowinkel T, Palmes D, Senninger N, Bahde R, Keschull L; **The weekend**

effect in liver transplantation; PLoS One. 2018 May 24;13(5):e0198035. doi: 10.1371/journal.pone.0198035. eCollection 2018

Mintziras I, Keck T, Werner J, Fichtner-Feigl S, Wittel U, Senninger N, Vowinkel T, Köninger J, Anthuber M, Geißler B, Bartsch DK; StuDoQ|Pancreas study group of the German Society for General and Visceral Surgery (DGAV); **Implementation of Current ENETS Guidelines for Surgery of Small (≤ 2 cm) Pancreatic Neuroendocrine Neoplasms in the German Surgical Community: An Analysis of the Prospective DGAV StuDoQ|Pancreas Registry;** World J Surg. 2019; 43(1): 175-182

Dhayat SA, Schacht R, Mennigen R, Palmes D, Vogel T, Vowinkel T, Senninger N, Laukoetter MG; **Long-Term Quality of Life Assessment After Successful Endoscopic Vacuum Therapy of Defects in the Upper Gastrointestinal Tract Quality of Life After EVT;** J Gastrointest Surg. 2019; 23(2): 280-287

Mintziras I, Keck T, Werner J, Fichtner-Feigl S, Wittel U, Senninger N, Vowinkel T, Köninger J, Anthuber M, Geißler B, Bartsch DK; **Indications for resection and perioperative outcomes of surgery for pancreatic neuroendocrine neoplasms in Germany: an analysis of the prospective DGAV StuDoQ|Pancreas registry;** Surg Today. 2019 Jun 25. doi: 10.1007/s00595-019-01838-1. [Epub ahead of print]

Becker F, Vogel T, Voß T, Mehdorn AS, Schütte-Nütgen K, Reuter S, Mohr A, Kabar I, Bormann E, Vowinkel T, Palmes D, Senninger N, Bahde R, Kepschull L.; **The weekend effect in liver transplantation;** PLoS One. 2018 May 24;13(5):e0198035. doi: 10.1371/journal.pone.0198035. eCollection 2018

Becker F, Voß T, Mohr A, Mehdorn AS, Schütte-Nütgen K, Reuter S, Kabar I, Bormann E, Vowinkel T, Palmes D, Brockmann JG, Pascher A, Bahde R, Kepschull L, Vogel T; **Impact of nighttime procedures on outcomes after liver transplantation;** PLoS One. 2019 Jul 22;14(7):e0220124. doi: 10.1371/journal.pone.0220124. eCollection 2019

Buchbeiträge

Biermann L, Vowinkel T; **Indikationen und Ergebnisse der chirurgischen Therapie der chronischen Pankreatitis**; In: Chirurgie von Leber, Gallenwegen und Pankreas: aktuelle Diagnostik und Therapiekonzepte (Hrsg.: Senninger N, Colombo-Benkmann M); Logos Verlag Berlin, 99-116, 2001

Vowinkel T, Granger DN; **Physiological genomics of reperfusion injury**; In: C. Ince ed, Physiological genomics of the critically ill mouse, Kluwer Academic Publishers, Boston, pp 145-158, 2003

Vowinkel T; **Operative Therapie der chronischen Pankreatitis**; In: Chirurgie von Leber, Gallenwegen und Pankreas (Hrsg.: Senninger N, Colombo-Benkmann M); Lehmanns Media – LOB.de, Berlin (ISBN 3-86541-109-6): 62-75, 2005

Vowinkel T, Granger DN; **The Gastrointestinal Microcirculation**; In: Shepro D, Editor-in-Chief, Microvascular Research – Biology and Pathology, Volume 1-2, Elsevier, Massachusetts, ISBN: 0-12-639510-1: 433-438 (Chapter 68), 2005

Petnehazy T, Vowinkel T, Granger DN; **Physiology of the Gastrointestinal Circulation**; In: Ginès, Arroyo, Rodés, Schrier eds, Ascites and Renal Dysfunction in Liver Disease, 2nd edition, Pathogenesis, Diagnosis and Treatment, Blackwell Publishing Inc, Massachusetts, ISBN: 1-4051-1804-0: 29-42, 2005

Palmes D, Vowinkel T; **Möglichkeiten und Ergebnisse der Therapie des komplizierten Gallensteinleidens**. In: Chirurgie von Leber, Gallenwege und Pankreas: Aktuelle Diagnostik und Therapiekonzepte (Hrsg.: M. Colombo-Benkmann, N. Senninger) 2009

Vowinkel T; **Operative Therapie der chronischen Pankreatitis**; In: Chirurgie von Leber, Gallenwege und Pankreas. (Hrsg.: M. Colombo-Benkmann, N. Senninger). Tdv-Verlag. ISBN 978-3-939838-29-6: 29-43, 2013

Vowinkel T, Gaßmann P, Kriegelstein CF, Senninger N; **Chirurgische Therapie von Lebertumoren**; In: Chirurgie von Leber, Gallenwege und Pankreas. (Hrsg.: M. Colombo-Benkmann, N. Senninger). Tdv-Verlag. ISBN 978-3-939838-29-6: 75-86, 2013

Vowinkel T, Granger DN; **Gastrointestinal Blood Flow**; In: Yamada' s Textbook of Gastroenterology (eds D. K. Podolsky, M. Camilleri, J. G. Fitz, A. N. Kalloo, F. Shanahan and T. C. Wang), John Wiley & Sons, Ltd, Oxford, UK. doi: 10.1002/9781118512074.ch11, 2015

Rijcken E, Vowinkel T; **Lagerungstechniken in der laparoskopischen Chirurgie**; In: Patientenlagerung im OP (Hrsg: Schmidt-Bräkling T et al.) Thieme Verlag, ISBN 978-3-13-165911-8: 141-153, 2016

Becker F, Vowinkel T; **Platelets in Inflammatory Bowel Disease**; In: P. Gresele et al. (eds.), Platelets in Thrombotic and Non-Thrombotic Disorders, Springer Verlag, ISBN: 978-3-319-47460-1, DOI 10.1007/978-3-319-47462-5_80: 1195-1207, 2017

Vowinkel T; **Möglichkeiten und Grenzen der chirurgische Therapie von Lebertumoren**; In: Onkologische Viszeralchirurgie: Zwischen Leitlinien und individualisierter Therapie. (Hrsg.: R. Mennigen, N. Senninger). Tdv-Verlag. ISBN 978-3-939838-48-7: 170-180, 2017