

## Originalarbeiten

1. Harrer, P., M. Brocker, M. Derwahl, D. Weyhe, L. Barbera, and V. Zumtobel, *The growth inhibition effect of iodide on thyroid nodules depending on the expression of the Na<sup>+</sup>/iodidesymporter*. Langenbecks Archives of Surgery, 1999: p. 193-196.
2. Meier, J.J., D. Weyhe, M. Michaely, M. Senkal, V. Zumtobel, M.A. Nauck, J.J. Holst, W.E. Schmidt, and B. Gallwitz, *Intravenous glucagon-like peptide 1 normalizes blood glucose after major surgery in patients with type 2 diabetes*. Critical Care Medicine, 2004. **32**(3): p. 848-851.
3. Müller, C.A., M. Vogeser, O. Belyaev, B. Gloor, O. Strobel, D. Weyhe, J. Werner, A. Borgstrom, M.W. Buchler, and W. Uhl, *Role of endogenous glucocorticoid metabolism in human acute pancreatitis*. Critical Care Medicine, 2006. **34**(4): p. 1060-1066.
4. Weyhe, D., I. Schmitz, O. Belyaev, R. Grabs, K.-M. Müller, W. Uhl, and V. Zumtobel, *Experimental comparison of monofile light and heavy polypropylene meshes: less weight does not mean less biological response*. World Journal of Surgery, 2006. **30**(8): p. 1586-1591.
5. Daigeler, A., O. Belyaev, W.H. Pennekamp, S. Morrosch, O. Köster, W. Uhl, and D. Weyhe, *MRI findings do not correlate with outcome in athletes with chronic groin pain*. Journal of Sports Science & Medicine, 2007. **6**(1): p. 71.
6. Daigeler, A., P.M. Vogt, K. Busch, W. Pennekamp, D. Weyhe, M. Lehnhardt, L. Steintraesser, H.-U. Steinau, and C. Kuhnen, *Elastofibroma dorsi-differential diagnosis in chest wall tumours*. World Journal of Surgical Oncology, 2007. **5**(15): p. 172-174.
7. Gambichler, T., G. Moussa, K. Bahrenberg, M. Vogt, H. Ermert, D. Weyhe, P. Altmeyer, and K. Hoffmann, *Preoperative Ultrasonic Assessment of Thin Melanocytic Skin Lesions Using a 100-MHz Ultrasound Transducer: A Comparative Study*. Dermatologic Surgery, 2007. **33**(7): p. 818-824.
8. Müller, C.A., O. Belyaev, M. Vogeser, D. Weyhe, B. Gloor, O. Strobel, J. Werner, A. Borgstrom, M.W. Buchler, and W. Uhl, *Corticosteroid-binding globulin: a possible early predictor of infection in acute necrotizing pancreatitis*. Scandinavian Journal of Gastroenterology, 2007. **42**(11): p. 1354-1361.
9. Seelig, M.H., A.M. Chromik, D. Weyhe, C.A. Müller, O. Belyaev, U. Mittelkötter, A. Tannapfel, and W. Uhl, *Pancreatic redo procedures: to do or not to do—this is the question*. Journal of Gastrointestinal Surgery, 2007. **11**(9): p. 1175-1182.
10. Weyhe, D., O. Belyaev, C. Müller, K. Meurer, K.-H. Bauer, G. Papapostolou, and W. Uhl, *Improving outcomes in hernia repair by the use of light meshes—a comparison of different implant constructions based on a critical appraisal of the literature*. World Journal of Surgery, 2007. **31**(1): p. 234-244.
11. Weyhe, D., P. Hoffmann, O. Belyaev, K. Mros, C. Muller, W. Uhl, and F. Schmitz, *The role of TGF-beta1 as a determinant of foreign body reaction to alloplastic materials in rat fibroblast cultures: comparison of different commercially available polypropylene meshes for hernia repair*. Regulatory Peptides, 2007. **138**(1): p. 10-4.
12. Weyhe, D., K. Meurer, O. Belyaev, M. Senkal, P. Harrer, V. Zumtobel, and K.-H. Bauer, *Do various mesh placement techniques affect the outcome in totally extraperitoneal hernia repair? what is the role of the surgeon?* Journal of Laparoendoscopic & Advanced Surgical Techniques, 2007. **17**(6): p. 749-758.
13. Chromik, A.M., M.H. Seelig, B. Saewe, C.A. Müller, D. Weyhe, P. Felderbauer, U. Mittelkötter, A. Tannapfel, A. Schmidt-Choudhury, and W. Uhl, *Tailored resective pancreatic surgery for pediatric patients with chronic pancreatitis*. Journal of Pediatric Surgery, 2008. **43**(4): p. 634-643.

14. Müller, C.A., N. McArthur, O. Belyaev, W. Burr, J. Werner, A. Meiser, D. Weyhe, M.W. Büchler, and W. Uhl, *The effect of synacthen on acute necrotizing pancreatitis in rats*. *Pancreas*, 2008. **37**(3): p. 316-320.
15. Weyhe, D., O. Belyaev, G. Buettner, K. Mros, C. Mueller, K. Meurer, G. Papapostolou, and W. Uhl, *In vitro comparison of three different mesh constructions*. *ANZ Journal of Surgery*, 2008. **78**(1-2): p. 55-60.
16. Herzog, T., O. Belyaev, C.A. Muller, U. Mittelkotter, M.H. Seelig, D. Weyhe, P. Felderbauer, R. Schlottmann, H. Schrader, and W.E. Schmidt, *Bacteribilia after preoperative bile duct stenting: a prospective study*. *Journal of Clinical Gastroenterology*, 2009. **43**(5): p. 457-462.
17. Seelig, M.H., M. Janot, A.M. Chromik, T. Herzog, O. Belyaev, D. Weyhe, K. Meurer, A. Meiser, A. Tannapfel, and W. Uhl, *Redo-surgery following curative resection of pancreatic carcinoma: the difference between true and suspected recurrence*. *Digestive Surgery*, 2009. **26**(3): p. 222-228.
18. Chromik, A.M., S.A. Hahn, A. Daigeler, A. Flier, D. Bulut, C. May, K. Harati, J. Roschinsky, D. Sülberg, D. Weyhe, M. Ulrich, and W. Uhl, *Gene expression analysis of cell death induction by taurolidine in different malignant cell lines*. *BMC Cancer*, 2010. **10**(1): p. 595.
19. Herzog, T., O. Belyaev, A. Chromik, D. Weyhe, C. Mueller, J. Munding, A. Tannapfel, W. Uhl, and M. Seelig, *TME quality in rectal cancer surgery*. *European Journal of Medical Research*, 2010. **15**(7): p. 292.
20. Skawran, S., D. Weyhe, B. Schmitz, O. Belyaev, and K. Bauer, *Bilateral endoscopic total extraperitoneal (TEP) inguinal hernia repair does not induce obstructive azoospermia: data of a retrospective and prospective trial*. *World Journal of Surgery*, 2011. **35**(7): p. 1643-1648.
21. Koch, A., R. Lorenz, F. Meyer, and D. Weyhe, *Hernia repair at the groin-who undergoes which surgical intervention?* *Zentralblatt für Chirurgie*, 2013. **138**(4): p. 410-417.
22. Klinge, U., A. Koch, D. Weyhe, E. Nicolo, R. Bendavid, and A. Fiebeler, *Bias-Variation Dilemma Challenges Clinical Trials: Inherent Limitations of Randomized Controlled Trials and Meta-Analyses Comparing Hernia Therapies*. *International Journal of Clinical Medicine*, 2014. **5**(13): 778-789.
23. Bryan, N., H. Ashwin, N. Smart, D. Weyhe, S. Wohlert, Y. Bayon, and J.A. Hunt, *Systemic inflammatory cytokine analysis to monitor biomaterial augmented tissue healing*. *International Journal of Artificial Organs*, 2015. **38**(12): p. 651-658.
24. Weyhe, D., W. Cobb, J. Lecuivre, A. Alves, S. Ladet, D. Lomanto, and Y. Bayon, *Large pore size and controlled mesh elongation are relevant predictors for mesh integration quality and low shrinkage—Systematic analysis of key parameters of meshes in a novel minipig hernia model*. *International Journal of Surgery*, 2015. **22**: p. 46-53.
25. Richter, S., V. Uslar, N. Tabriz, T. Mueser, and D. Weyhe, *Progressive postresection program (pPRP) after pancreatic resection: study protocol for a randomized controlled trial*. *Trials*, 2016. **17**(1): p. 1-6.
26. Köckerling, F., R. Bittner, M. Kofler, F. Mayer, D. Adolf, A. Kuthe, and D. Weyhe, *Lichtenstein Versus Total Extraperitoneal Patch Plasty Versus Transabdominal Patch Plasty Technique for Primary Unilateral Inguinal Hernia Repair: A Registry-based, Propensity Score-matched Comparison of 57,906 Patients*. *Ann Surg*, 2017.
27. Köckerling, F., Y. Trommer, K. Zarras, D. Adolf, B. Kraft, D. Weyhe, R. Fortelny, and C. Schug-Paß, *What are the differences in the outcome of laparoscopic axial (I) versus paraesophageal (II–IV) hiatal hernia repair?* *Surgical Endoscopy*, 2017: p. 1-15.
28. Tabriz, N., V.N. Uslar, I. Tabriz, and D. Weyhe, *Relationship between age and outcome in thyroid surgery: a prospective observational study*. *Innovative Surgical Sciences*, 2017.

29. Weyhe, D., V.N. Uslar, N. Tabriz, I. Burkowski, R. Heinzl, A. Müller, A. Belling, and F. Köckerling, *Experience and dissection device are more relevant than patient-related factors for operation time in laparoscopic sigmoid resection—a retrospective 8-year observational study*. International Journal of Colorectal Disease, 2017. **32**(12), 1703-1710.
30. Zaman, A., M. Herrlich, A. Reinschluessel, A. Nabavi, B. Hüseyin, D. Weyhe, and R. Malaka, *A Foot-based Interface for Surgeons: Hands-free Interaction with Medical 3D Data*, in CURAC. 2017: Hannover. p. 61-66.

## Übersichtsartikel und Leitlinien

31. Müller, C., O. Belyaev, T. Deska, A. Chromik, D. Weyhe, and W. Uhl, *Fecal incontinence: an up-to-date critical overview of surgical treatment options*. Langenbeck's Archives of Surgery, 2005. **390**(6): p. 544-552.
32. Weyhe, D., C. Winnemöller, A. Hellwig, K. Meurer, H. Plugge, K. Kasoly, H. Laubenthal, K. Bauer, and W. Uhl, [ 115 b SGB V threatens outpatient treatment for inguinal hernia. Analysis of outcome and economics]. Der Chirurg, 2006. **77**(9): p. 844-855.
33. Bittner, R., M.E. Arregui, T. Bisgaard, M. Dudai, G.S. Ferzli, R.J. Fitzgibbons, R.H. Fortelny, U. Klinge, F. Kockerling, E. Kuhry, J. Kukleta, D. Lomanto, M.C. Misra, A. Montgomery, S. Morales-Conde, W. Reinpold, J. Rosenberg, S. Sauerland, C. Schug-Pass, K. Singh, M. Timoney, D. Weyhe, and P. Chowbey, *Guidelines for laparoscopic (TAPP) and endoscopic (TEP) treatment of inguinal Hernia International Endohernia Society (IEHS)*. Surgical Endoscopy and Other Interventional Techniques, 2011. **25**(9): p. 2773-2843.
34. Klinge, U. and D. Weyhe, *Hernia surgery: minimization of complications by selection of the "correct mesh"*. Der Chirurg, 2014. **85**(2): p. 105-111.
35. Bittner, R., M.A. Montgomery, E. Arregui, V. Bansal, J. Bingener, T. Bisgaard, H. Buhck, M. Dudai, G.S. Ferzli, R.J. Fitzgibbons, R.H. Fortelny, K.L. Grimes, U. Klinge, F. Koeckerling, S. Kumar, J. Kukleta, D. Lomanto, M.C. Misra, S. Morales-Conde, W. Reinpold, J. Rosenberg, K. Singh, M. Timoney, D. Weyhe, and P. Chowbey, *Update of guidelines on laparoscopic (TAPP) and endoscopic (TEP) treatment of inguinal hernia (International Endohernia Society)*. Surgical Endoscopy and Other Interventional Techniques, 2015. **29**(2): p. 289-321.
36. Weyhe, D., *Netzkomplikationen bei der Hiatushernie*. Chirurgische Allgemeine, 2016. **17**(6): p. 295 - 299.
37. Weyhe, D., N. Tabriz, B. Sahlmann, and V.-N. Uslar, *Risk factors for perioperative complications in inguinal hernia repair – a systematic review*. Innovative Surgical Sciences, 2017. **2**(2): p. 47.
38. Weyhe, D., J. Conze, A. Kuthe, F. Köckerling, B.J. Lammers, R. Lorenz, H. Niebuhr, W. Reinpold, K. Zarras, and R. Bittner, *HerniaSurge: internationale Leitlinie zur Therapie der Leistenhernie des Erwachsenen*. Der Chirurg, 2018.
39. Weyhe, D., V.N. Uslar, C. Mählmeyer, and H. Oehlers, *Juristische Relevanz von Leitlinien*. Der Chirurg, 2018.

## Case Reports

40. Weyhe, D., B. Geier, O. Belyaev, C. Steinfort, W. Uhl, and V. Zumtobel, *Central perineal hernia mimicking rectocele: a case report*. Langenbeck's Archives of Surgery, 2006. **391**(1): p. 43-46.
41. Weyhe, D., O. Belyaev, S. Skawran, C. Müller, and K.-H. Bauer, *A case of port-site recurrence after laparoscopic adrenalectomy for solitary adrenal metastasis*. Surgical Laparoscopy Endoscopy & Percutaneous Techniques, 2007. **17**(3): p. 218-220.

42. Tabriz, N., A. Tannapfel, F. Griesinger, and D. Weyhe, *Chloroma of Pancreas—Initial Manifestation of a Secondary Leukemia after Stem Cell Transplantation Case Report and Review of the Literature*. *Journal of Gastrointestinal Surgery*, 2013. **17**(7): p. 1331-1335.

## Symposiumsbeiträge

43. Senkal, M., B. Marpe, D. Weyhe, and V. Zumtobel. *Exocrine pancreas function during early enteral nutrition in critically ill patients*. in *14th ESICM Annual Congress 2001*. Geneva, Switzerland, 30.9.-3.10.2001: Intensive Care Medicine.
44. Meier, J., D. Weyhe, M. Michaely, M. Senkal, W. Schmidt, M. Nauck, J. Holst, and B. Gallwitz. *Intravenous glucagon-like peptide 1 (GLP-1) is a feasible treatment after major surgery in patients with Type 2 diabetes*. in *18th International Diabetes Federation Congress*. 2003. Paris, France, 24.–29.8.2003: Diabetologia.
45. Jürgens, V., A. Timmer, V. Uslar, K. Eilermann, A. Tannapfel, and D. Weyhe, *Überlebenszeitanalyse durch Kaplan-Meier—Und was ist mit Interaktion und Confounding? Analysemodelle klinischer Registerdaten am Beispiel des Darmkrebszentrum Oldenburg, Pius-Hospital*. *Zeitschrift für Gastroenterologie*, 2016. **54**(08): p. KV139.
46. Nerenz, H., V.N. Uslar, N. Tabriz, E. Dieker, S. Dieker, and D. Weyhe. *Bringt die neue 3D-Visualisierung mehr Sicherheit oder mehr Arbeitsplatzbelastung? – Erste Ergebnisse einer prospektiv-randomisierten Studie mit Refraktionsanalyse der Operateure*. in *133. Kongress der Deutschen Gesellschaft für Chirurgie*. 2016. Berlin.
47. Weyhe, D., V. Uslar, K. Eilermann, V. Jürgens, A. Timmer, and A. Tannapfel, *Abschätzung der Überlebenswahrscheinlichkeit von Darmkrebspatienten: UICC-Stadien, Lymphknotenratio versus Confounding-Interaktion*. *Zeitschrift für Gastroenterologie*, 2016. **54**(08): p. KV389.
48. Weyhe, D., V. Uslar, F. Griesinger, K. Willborn, I. Burkowski, A. Müller, J. Kühne, K. Eilermann, and A. Tannapfel, *Prediktoren zur Überlebenswahrscheinlichkeit beim duktalem Pankreaskarzinom—R-Klassifikation oder circumferentieller Resektionsrand?* *Zeitschrift für Gastroenterologie*, 2016. **54**(08): p. KV512.
49. Weyhe, D., V. Uslar, A. Kluge, A. Grewe, and U. Klinge, *Mesh shrinkage in hiatal hernia repair: One-year Follow up of MRI-visible meshes* *Hernia*, 2016. **20**(Suppl 2): p. S228.
50. D. Weyhe, R.H., V. Uslar, U. Klinge, *Leightweight vs. Heavyweight Mesh: Investigating the validity of meta analyses (Abstracts DGAV)*. *Innovative Surgical Sciences*, 2017. **2**(s1): p. s1.
51. D. Weyhe, V.U., M. Hoffmann, M. Grewe, A. Kluge, *Mesh in hiatal hernia repair without any clinical relevanz of shrinkage or elongation – a prospective study (Abstracts DGAV; Best Poster Award)*. *Innovative Surgical Sciences*, 2017. **2**(s1): p. s1.
52. M Hoffmann, B.S., V Uslar, S Richter, M Droste, N Tabriz, D Weyhe, *Ernährungsmonitoring nach Pankreasresektion: erste Ergebnisse einer RCT-Studie*. *Zeitschrift für Gastroenterologie*, 2017. **55**(8): p. e57-e299.
53. N Tabriz, V.U., B Sahlmann, S Richter, F Thode, D Weyhe, *Lebensqualität nach Pankreasresektion: 1 Jahresergebnisse einer RCT-Studie*. *Zeitschrift für Gastroenterologie*, 2017. **55**(8): p. e57-e299.
54. Nerenz, H., V. Uslar, S. Janssen, B. Sahlmann, E. Dieker, S. Dieker, and D. Weyhe, *Using 3D visualization to gain higher performance safety in minimal invasive surgery: interim results of a prospective randomized controlled trial (Abstracts DGAV)*. *Innovative Surgical Sciences*, 2017. **2**(s1): p. s1.

55. H. Nerenz, V. Uslar, S. Janssen, B. Sahlmann, E. Dieker, S. Dieker, and D. Weyhe, *Does 3D visualization reduce workload and surgery duration in minimal invasive surgery? Results of a prospective randomized controlled trial (Abstract ID: 526)*. *Innov Surg Sci*, 2018. **3**((Suppl 1): s1–s231).
56. Hoffmann, M., B. Sahlmann, V. Uslar, N. Tabriz, M. Droste, and D. Weyhe. *Long-term metabolic changes after cancer-related pancreatic resection-first results of an RCT study*. in *Oncology Research and Treatment*. 2018. KARGER: Basel, Schweiz.
57. Tabriz, N., V. Uslar, B. Sahlmann, M. Hoffmann, and D. Weyhe. *Quality of Life after cancer-related pancreatic resection first results of a RCT*. in *Oncology Research and Treatment*. 2018. KARGER: Basel, Schweiz.
58. Weyhe, D., V. Uslar, B. Sahlmann, and A. Tannapfel. *Circumferential Resection Margin influences long term survival after pancreatic adenocarcinoma*. in *Oncology Research and Treatment*. 2018. KARGER: Basel, Schweiz.
59. Willborn, K., F. Griesinger, R. de Wilde, R. Prenzel, D. Scriba, D. Weyhe, M. Hoheisel, and B. Poppe. *Comparison of Survival Curves in Certified Centers*. in *Oncology Research and Treatment*. 2018. KARGER: Basel, Schweiz.

## Bücher

60. Weyhe, D., *Aktueller Stellenwert von Netzen in der Hernienchirurgie*, in *Hernienchirurgie*, R. Obermaier, F. Pfeffer, and U.T. Hopt, Editors. 2009, Urban & Fischer Verlag/Elsevier GmbH: München.
61. Weyhe, D., *1.7 Biologische Netze*, in *Hernien*, V. Schumpelick, et al., Editors. 2015, Georg Thieme Verlag: Stuttgart.
62. Klinge, U. and D. Weyhe, *Materialien in der Hernienchirurgie*, in *Hernienschule kompakt - konkret - komplex*, R. Lorenz, B. Stechemesser, and W. Reinpold, Editors. 2018, De Gruyter: Berlin.
63. Köckerling, F., D. Weyhe, R.H. Fortelny, and B. Ramshaw, *Mesh Technology at Inguinal Hernia Repair*, in *Laparo-endoscopic Hernia Surgery: Evidence Based Clinical Practice*, R. Bittner, et al., Editors. 2018, Springer Berlin Heidelberg: Berlin, Heidelberg. p. 183-193.
64. Stechemesser, B. and D. Weyhe, *Hernienchirurgische Weiterbildung*, in *Hernienschule kompakt - konkret - komplex*, R. Lorenz, B. Stechemesser, and W. Reinpold, Editors. 2018, De Gruyter: Berlin.
65. Weyhe, D. and J. Conze, *Leitlinien*, in *Hernienschule kompakt - konkret - komplex*, R. Lorenz, B. Stechemesser, and W. Reinpold, Editors. 2018, De Gruyter: Berlin.
66. Weyhe, D. and P. Chowbey, *Komplexe Hiatushernien*, in *Laparo-endoskopische Hernienchirurgie: Evidenzbasierte klinische Praxis*, R. Bittner, et al., Editors. 2018, Springer Berlin Heidelberg: Berlin, Heidelberg. p. 435-446.
67. Weyhe, D. and P. Chowbey, *Complex Hiatal Hernias*, in *Laparo-endoscopic Hernia Surgery: Evidence Based Clinical Practice*, R. Bittner, et al., Editors. 2018, Springer Berlin Heidelberg: Berlin, Heidelberg. p. 421-431.