

## Curriculum Vitae

**PD Dr. med. Mathias Worni, MHS**

### Main areas of interest

Pancreatic Surgery, Surgical Oncology/HPB, Irreversible Electroporation, Navigated Surgery

### Medical Training

- 1998-2004** Medical School, University of Bern, Switzerland
- 2004** Federal medical diploma, Faculty of Medicine, University of Bern
- 2004** Medical Doctor (Medical Thesis) University of Bern ("*Cefepime tissue penetration in experimental acute pancreatitis*")
- 2005** Surgical Boards, Basic Examination
- 2009** Surgical Boards, Oral Examination
- 2011/12** Medical Exams USA (ECFMG Certification/USMLE Step 1-3)
- 2012** Board Certification for General Surgery, Switzerland
- 2017** Board Certification for Visceral Surgery, Switzerland

### Master Degree

- 2012** Master of Health Sciences in Clinical Research (MHS), Clinical Research Training Program, Duke University, Durham NC, USA

### Venia Docendi / Habilitation

- 02/2017** University of Bern, Switzerland

### Appointments

## **Residency:**

- 01/2005-09/2005** Department of Visceral Surgery and Medicine, University of Bern, Switzerland, Prof. Dr. med. D. Candinas
- 10/2005-03/2006** Clinic for Surgical Emergency, University of Berne, Switzerland, Prof. Dr. med. H. Zimmermann)
- 04/2006-12/2007** Department of Visceral Surgery and Medicine, University of Bern, Switzerland, Prof. Dr. med. D. Candinas
- 01/2008-12/2008** Department of General Surgery, Regional Hospital of Biel, Switzerland, Prof. Dr. med. U. Laffer
- 07/2012-10/2012** Department of Visceral Surgery and Medicine, University of Bern, Switzerland, Prof. Dr. med. D. Candinas

## **Staff Surgeon:**

- 01/2009-02/2010** Assistant Staff Surgeon, Department of General Surgery, Regional Hospital of Biel, Switzerland, Prof. Dr. med. U. Laffer
- 03/2010-06/2010** Staff Surgeon, Department of General Surgery, Regional Hospital of Biel, Switzerland, Prof. Dr. med. U. Laffer
- 07/2012-10/2012** Assistant Staff Surgeon, Department of Visceral Surgery and Medicine, University of Bern, Switzerland, Prof. Dr. med. D. Candinas
- 07/2012-10/2012** Staff Surgeon, Department of Visceral Surgery and Medicine, University of Bern, Switzerland, Prof. Dr. med. D. Candinas
- 08/2015-** Staff Surgeon, Department of Visceral Surgery and Medicine, University of Bern, Switzerland, Prof. Dr. med. D. Candinas

## **Research and Clinical Fellowship**

- 07/2010-06/2012** Research Fellow, Department of Surgery, Duke University Medical Center, Durham NC, USA
- 07/2013-06/2015** HPB/Surgical Oncology Fellowship, Duke University Medical Center, Durham NC, USA (Chair: A. D. Kirk, MD)

## Awards/Achievements

- 06/2007** Felix Largiadèr Award: "Single-dose steroid before thyroidectomy improves nausea, pain and vocal function", Worni M, Schudel H et al., Lausanne, Switzerland. Ann Surg. 2008 Dec;248(6):1060-6.
- 05/2012** Nomination for Resident and Fellowship Conference, SSAT, San Diego, USA
- 08/2012** As Co-Author: First "Foerderungs-Price" of the Swiss Society of Gastroenterology: "Elevated preoperative CEA is associated with worse survival in stage I-III rectal cancer patients", Tarantino I, Warschkow R, Worni M, et al. British Journal of Cancer. 2012 Jul 10;107(2):266-74.
- 04/2013** Second Place of the 2012 Journal of Gastrointestinal Surgery Best Article Award: "Is there a Role for Simultaneous Hepatic and Colorectal Resections? A Contemporary View from NSQIP", Worni M et al. J Gastrointest Surg. 2012 Nov;16(11):2074-85.
- 06/2013** Zollikofer Award of the Swiss Association of Laparoscopic and Thoracosopic Surgery 2013, "High Risks for Adverse Outcomes After Gastric Bypass Surgery Following Failed Gastric Banding", Worni M et al. Annals of Surgery, 2013 Feb;257(2):279-86.

## Grants

- 07/2010-12/2011** Swiss National Science Foundation, Berne, Switzerland, Fellowship for Young Researchers (82'500 SFR / 75'000 USD)
- 04/2016-** Swiss Cancer Foundation: "Differences in practice pattern and impact on survival among elderly patients with gastrointestinal cancer" (46'000 sFr.)
- 07/2016-06/2017** SAKK Life Grant: "Impact of irreversible electroporation on quality of life for patients with locally advanced pancreatic cancer" (20'000 sFr)
- 08/2016-07/2018** Clinical Trials Unit Forschungs Grant: "Effect of Navigated Margin Accentuation with Irreversible Electroporation in Patients with Pancreatic Head Cancer" (80'000 sFr)
- 09/2016-09/2018** Bernische Krebsliga: "Differential immunologic signature after pancreatic cancer treatment: does irreversible electroporation lead to a prolonged and potent t-cell mediated immune response compared to surgical resection?" (70'000 sFr)

## Memberships

2008-	Swiss Medical Association (FMH)
2012-	Swiss Surgical Society (SGC)
2014-	Americas Hepato-Pancreato-Biliary Association (AHPBA)
2014-	International Hepato-Pancreato-Biliary Association (IHPBA)
2016-	SAKK Project Group Gastro-intestinal Cancer & Section Surgery
2016-	Swiss Visceral Surgeons (SGVC)

## Languages

Mother tongue	German
Other languages	English (fluent), French (fluent), Italian (basic)

## Invited Peer Reviewing

British Medical Journal, Digestive Surgery, PLoS One, Cochrane Review, International, Medical Case Reports Journal, World Journal of Gastroenterology, Journal of Surgical Research, World Journal of Gastrointestinal Surgery, Langenbeck Archives of Surgery, Annals of Surgical Oncology, The Annals of Thoracic Surgery. European Journal of Surgical Oncology, British Journal of Surgery, CANCER

## Publications

### Peer-reviewed articles

1. Castleberry, AW., Bishawi, M., **Worni, M.**, Erhunmwunsee, L., Speicher, PJ., Osho, AA., Snyder, LD., Hartwig, MG., *Medication Nonadherence After Lung Transplantation in Adult Recipients*. Annals of Thoracic Surgery. 2017 Jan;103(1):274-280. (IF: 3.849, Cat: Surgery, Rank: 16/197)
2. Castleberry, A., Mulvihill, MS., Yerokun, BA., Gulack, BC., Englum, B., Snyder, L., **Worni, M.**, Osho, A., Palmer, S., Davis, RD., Hartwig, MG., *The utility of 6-minute walk distance in predicting waitlist mortality for lung transplant candidates*. The Journal of Heart and Lung Transplantation. 2016 Dec 30 [Epub ahead of print] (IF: 7.509, Cat: Transplantation, Rank 1/25; Surgery, Rank 2/199)
3. #Gulack, BC., Nussbaum, DP., Keenan, JE., Ganapathi, AM., Sun, Z., **Worni, M.**, Mantyh, CR., Migaly, J., *Surgical Resection of the Primary Tumor in Stage IV Colorectal Cancer without Metastectomy is Associated with Improved Overall Survival Compared to Chemotherapy/Radiation Therapy Alone*. Diseases of the

Colon and Rectum. 2016 Apr;59(4):299305. (IF: 3.749, Cat: Surgery, Rank 18/198)

4. Ryser, MD., **Worni, M.**, Turner, EL., Marks, JR., Durrett, R., Hwang, ES.,  
*Outcomes of active surveillance for ductal carcinoma in situ: a computational risk analysis.* Journal of the National Cancer Institute. 2015 Dec 17;108(5). Print 2016 May (IF: 12,583, Cat: Oncology, Rank 8/210)
5. **Worni, M.**, Akushevich, I., Greenup, R., Sarma, D., Ryser, MD., Myers, ER.,  
Hwang, SE. Trends in Treatment Patterns and Outcomes for Ductal Carcinoma In  
Situa (DCIS). Journal of the National Cancer Institute. 2015 Sep 30;107(12) Print  
2015 Dec. (IF: 12,583, Cat: Oncology, Rank 8/210)
6. Castleberry, AW., Englum, BR., Snyder, LD., **Worni, M.**, Osho, AA., Gulack, BC.,  
Palmer, SM., Davis, RD., Hartwig, MG. The Utility of Preoperative Six-Minute Walk  
Distance in Lung Transplantation. American Journal of Respiratory and Critical  
Care Medicine. 2015 Oct 1;192(7):843-52. (IF: 12.996, Cat: Critical Care Medicine,  
Rank: 1/27)
7. Patsenke, E., Sachse, P., Chicca, A., Gachet, MS., Schneider, V., Mattsson, J.,  
Lanz, C., **Worni, M.**, de Gottardi, A., Semmo, M., Hampe, J., Schafmayer, C.,  
Brenneisen, R., Gertsch, J., Stickel, F., Semmo, N. *Elevated levels of  
endocannabinoids in chronic hepatitis C may modulate cellular immune response  
and hepatic stellate cell activation.* International Journal of Molecular Sciences.  
2015 Mar 27;16(4):7057-76. (IF: 2.862, Cat: Chemistry Multidisciplinary, Rank:  
45/155)
8. #Tarantino, I., Warschkow, R., **Worni, M.**, Cerny, T., Ulrich, A., Schmieid, BM.,  
Guller, U. *Prognostic Relevance of Palliative Primary Tumor Removal in 37,793  
Metastatic Colorectal Cancer Patients: A Population-Based, Propensity Score-  
Adjusted Trend Analysis.* Annals of Surgery. 2015 Jul;262(1):112-20. (IF: 8.327,  
Cat: Surgery, Rank: 1/197)
9. Berry, MF., Coleman, BK., Curtis, LH., **Worni, M.**, D'Amico, TA., Akushevich, I.  
*Benefit of Adjuvant Chemotherapy After Resection of Stage II (T1-2N1M0) Non-  
Small Cell Lung Cancer in Elderly Patients.* Annals of Surgical Oncology. 2015  
Feb;22(2):642-8. (IF: 3.930, Cat: Surgery, Rank: 15/197)
10. Shah, AA., **Worni, M.**, Onaitis, MW., Balderson, SS., Harpole, DH., D'Amico, TA.,  
Berry, MF. *Thoracoscopic left upper lobectomy in patients with internal mammary  
artery coronary bypass grafts.* Annals of Thoracic Surgery. 2014 Oct;98(4):1207-  
12. (IF: 3.849, Cat: Surgery, Rank: 16/197)
11. Castleberry, AW., Gueller, U., Tarantino, I., Berry, MF., Brugger, L., Warschkow,  
R., Cerny, T., Mantyh, CR., Candinas, D., **Worni, M.** Discrete Improvement in  
Racial Disparity in Survival among Patients with Stage IV Colorectal Cancer: a 21-  
Year Population-Based Analysis. Journal of Gastrointestinal Surgery. 2014  
Jun;18(6):1194-204 (IF: 2.798, Cat: Surgery, Rank: 40/197)

12. Berry, MF., **Worni, M.**, Wang, X., Harpole, DH., D'Amico, TA., Onaitis, MW. *Sleeve Lobectomy for Non-Small Cell Lung Cancer with N1 Nodal Disease Does Not Compromise Survival*. *Annals of Thoracic Surgery*: 2014 Jan;97(1):230-5. (IF: 3.849, Cat: Surgery, Rank: 16/197)
13. Castleberry, AW., **Worni, M.**, Kuchibhatla, M., Lin, SS., Snyder, LD., Shofer, SL., Palmer, SM., Pietrobon, RS., Davis, RD., Hartwig, MG. *A Comparative Analysis of Bronchial Stricture Following Lung Transplantation in Recipients With and Without Early Acute Rejection*. *Annals of Thoracic Surgery*: 2013 Sep;96(3):1008-17; discussion 1017-8. (IF: 3.849, Cat: Surgery, Rank: 16/197)
14. #Berry, MF., Zeyer-Brunner, J., Castleberry, AW., Martin, JT., Gloor, B., Pietrobon, R., D'Amico, TA., **Worni, M.**, *Treatment modalities for T1N0 Esophageal Cancers: A Comparative Analysis of Local Therapy Versus Surgical Resection*. *Journal of Thoracic Oncology*: 2013 Jun;8(6):796-802. (IF: 5.282, Cat: Oncology, Rank: 30/210)
15. Langer, I., Guller, U, **Worni, M.**, Kocaoglu, B., Berclaz, G., Singer, G., Schaer, G., Fehr, MK., Hess, T., Viehl, C., Bronz, L., Schnarwyler, B., Wight, E., Infanger, E., Burger, D., Koechli, OR., Zuber, M., for the Swiss Multicenter Sentinel Lymph Node Study Group in Breast Cancer, *Bone Marrow Micrometastases do not Impact Disease-free and Overall Survival in Early Stage, Sentinel Lymph Node Negative Breast Cancer Patients*. *Annals of Surgical Oncology*: 2014 Feb;21(2):401-7. (IF: 3.930, Cat: Surgery, Rank: 15/197)
16. **Worni, M.**, Castleberry, AW., Gloor, B., Pietrobon, R., Haney, JC., D'Amico, TA., Akushevich, I., Berry, MF., *Trends and Outcomes in the Use of Surgery and Radiation for the Treatment of Locally Advanced Esophageal Cancer: A propensity score adjusted analysis of the Surveillance, Epidemiology, and End Results Registry from 1998 to 2008*. *Diseases of the Esophagus*. 2014 Sep-Oct;27(7):662-9. (IF: 1.782, Cat: Gastroenterology/Hepatology, Rank: 60/76).
17. Castleberry, AW., **Worni, M.**, Osho, A., Snyder, LD., Palmer, SM., Pietrobon, RS., Davis, RD., Hartwig, MG., *The use of lung allografts from brain death donors after cardiopulmonary arrest and resuscitation*. *American Journal of Respiratory and Critical Care Medicine*. 2013 Aug 15;188(4):466-73. (IF: 12.996, Cat: Critical Care Medicine, Rank: 1/27)
18. Shah, A., Chao, K.S.C., Ostbye, T., Castleberry, AW., Pietrobon, R., Gloor, B., Clary, BM., White, RR., **Worni, M.**, *Trends in racial disparities in pancreatic cancer surgery*. *Journal of Gastrointestinal Surgery*: 2013 Nov;17(11):1897-906. (IF: 2.798, Cat: Surgery, Rank: 40/197)
19. #**Worni, M.**, Guller, U., White, RR., Castleberry, AW., Pietrobon, R., Cerny, T, Gloor, B., Koeberle, D., *Modest improvement in overall survival for patients with metastatic pancreatic cancer: a trend analysis using the surveillance, epidemiology, and end results registry from 1988 to 2008*. *Pancreas*: 2013 Oct;42(7):1157-63. (Impact Factor: 2.959, Subject Category: Gastroenterology/Hepatology, Ranking:

31/76).

20. Castleberry, AW., Clary, BM., Migaly, J., **Worni, M.**, Ferranti, J., Pappas, TN., Scarborough, JE., *Resident education in the era of patient safety: a nationwide analysis of outcomes and complications in resident-assisted oncologic surgery.* Annals of Surgical Oncology: 2013 Nov;20(12):3715-24. (IF: 3.930, Cat: Surgery, Rank: 15/197)
21. Berry, MF., **Worni, M.**, Pietrobon, R., D'Amico, TA., Akushevich, I., *Variability in the Treatment of Patients with Stage IIIA (N2) Non-Small Cell Lung Cancer.* Journal of Thoracic Oncology 2013 Jun;8(6):744-52. (IF: 5.282, Cat: Oncology, Rank: 30/210)
22. Shah, AA., **Worni, M.**, Kelsey, CR., Onaitis, MW., D'Amico TA., Berry, MF., *Does Pneumonectomy have a role in the treatment of stage IIIA non-small cell lung cancer?* Annals of Thoracic Surgery. 2013 May; 95(5):1700-7. (IF: 3.849, Cat: Surgery, Rank: 16/197)
23. Shin, JH., **Worni, M.**, Castleberry, AW., Pietrobon, R., Silberberg, M., Ostbye, T., *The application of comorbidity indices to predict early postoperative outcomes after laparoscopic gastric bypass surgery: a nationwide comparative analysis of over 70,000 cases.* Obesity Surgery 2013 May;23(5):638-49. (IF: 3.747, Cat: Surgery, Rank: 19/197).
24. **Worni, M.**, Castleberry, AW., Clary, BM., Gloor, B., Carvalho, E., Jacobs, DO., Scarborough, JE., White, R., *Concomitant vascular reconstruction during pancreatectomy for malignant disease: A propensity score-adjusted, population-based analysis involving 10,206 patients.* JAMA Surgery 2012 Dec 17:1-8. (IF: 3.936, Cat: Surgery, Rank: 14/197)
25. **Worni, M.**, Guller, U., Maciejewski ML., Curtis, LH., Gandhi, M., Pietrobon, R., Jacobs, DO., Ostbye, T., *Racial differences in the use of laparoscopic gastric bypass surgery: a population-based trend analysis from 2002 to 2008.* Obesity Surgery 2013 Feb;23(2):226-33. (IF: 3.747, Cat: Surgery, Rank: 19/197).
26. Castleberry, AW., Turley, RS., Hanna, JM., Hopkins, TJ., Barbas, AS., **Worni, M.**, Mantyh, CR., Migaly, J., *A 10-Year Longitudinal Analysis of Surgical Management of Fulminant Ischemic Colitis.* Journal of Gastrointestinal Surgery 2013 Apr;17(4):784-92. (IF: 2.798, Cat: Surgery, Rank: 40/197)
27. **Worni, M.**, Martin, J., Gloor, B., Pietrobon, R., D'Amico, TA., Akushevich, I., Berry, MF., *Does surgery improve outcomes for esophageal squamous cell carcinoma? An analysis using the Surveillance Epidemiology, and End Results Registry from 1998 to 2008.* Journal of the American College of Surgeons 2012 Nov;215(5):643-51. (IF: 5.122, Cat: Surgery, Rank: 8/197)
28. Martin, JT., **Worni, M.**, Zwischenberger, JB., Gloor, B., Pietrobon, R., D'Amico, TA., Berry, MF., *The role of radiation therapy in resected T2N0 esophageal cancer: A population-based analysis.* Annals of Thoracic Surgery 2013 Feb;95(2):453-8.

(IF: 3.849, Cat: Surgery, Rank: 16/197)

29. **Worni, M.**, Ostbye, T., Shah, A., Carvalho, E., Schudel, IM., Shin, JH., Pietrobon, R., Guller, U., *High risks for adverse outcomes after gastric bypass surgery following failed gastric banding: a population-based trend analysis of the United States*. *Annals of Surgery*, 2013 Feb;257(2):279-86. (IF: 8.327, Cat: Surgery, Rank: 1/197)
30. #**Worni, M.**, Mantyh, CR., Akushevich, I., Pietrobon, R., Clary, BM., *Is there a role for simultaneous hepatic and colorectal resections? A contemporary view from the National Surgical Quality Improvement Program (NSQIP)*. *Journal of Gastrointestinal Surgery*. 2012 Nov;16(11):2074-85. (IF: 2.798, Cat: Surgery, Rank: 40/197)
31. **Worni, M.**, Scarborough, JE., Gandhi, M., Pietrobon, R., Shortell, CK., *Use Of Endovascular Therapy For Peripheral Arterial Lesions: An Analysis Of The National Trauma Data Bank From 2007-2009*. *Annals of Vascular Surgery*. 2013 Apr;27(3):299-305. (IF: 1.170, Cat: Surgery, Rank: 121/197)
32. **Worni, M.**, Schudel, IM., Ostbye, T., Shah, A., Khare, A., Pietrobon, R., Marosky-Thacker, JK., Guller, U., *Higher risk of Hartmann procedures on weekends than on weekdays – a population-based study of 31,832 patients*. *JAMA Surgery*. 2012 Jul 1;147(7):649-55. (IF: 3.936, Cat: Surgery, Rank: 14/197)
33. Tarantino, I., Warschkow, R., **Worni, M.**, Merati-Kashani, K., Köberle, D., Schmied, BM., Müller, SA., Steffen, T., Cerny, T., Güller, U., *Elevated preoperative CEA is associated with worse survival in stage I-III rectal cancer patients*. *British Journal of Cancer*. 2012 Jul 10;107(2):266-74. (IF: 4.836, Cat: Oncology, Rank: 34/210)
34. Casagrande, DS., Repetto, G., Mottin, CC., Shah, J., Pietrobon, R., **Worni, M.**, Schaan, B., *Significant decrease in bone mineral density in women following one year gastric bypass surgery*. *Obesity Surgery*. 2012 Aug;22(8):1287-92. (IF: 3.747, Cat: Surgery, Rank: 19/197)
35. Guller, U., Zettl, A., **Worni, M.**, Langer, I., Cabalzar-Wondberg, D., Viehl, C., Demartines, N., Zuber, M., *Molecular investigation of lymph nodes in colon cancer patients using one-step nucleic acid amplification (OSNA): a new road to better staging?* *Cancer*. 2012 Dec 15;118(24):6039-45. (IF: 4.889, Cat: Oncology, Rank: 32/210)
36. #Shah, AA., Berry, MF., Tzao, C., Gandhi, M., **Worni, M.**, Rajgor, D., Pietrobon, R., D'Amico, TA., *Induction Chemoradiotherapy is not Superior to Induction Chemotherapy Alone in Patients with Stage IIIA(N2) Non-Small Cell Lung Cancer: A Systematic Review and Meta-Analysis*. *Annals of Thoracic Surgery*. 2012 Jun;93(6):1807-12. (IF: 3.849, Cat: Surgery, Rank: 16/197)
37. **Worni, M.**, Pietrobon, R., Zammar, GR., Shah, J., Yoo, B., Maldonato, M., Takemoto, S., Vail, TP., *System Dynamics to Model the Unintended*



*Consequences of Denying Payment for Venous Thromboembolism after Total Knee Arthroplasty.* PLoS One 2012;7(4):e30578. Epub 2012 Apr 20. (IF: 3.234, Cat: Multidisciplinary Sciences, Rank: 8/56)

38. **Worni, M.**, Ostbye, T., Gandhi, M., Rajgor, D., Shah, J., Shah, A., Pietrobon, R., Jacobs, DO., Guller, U., *Short-term outcomes of weekend compared to weekday admission for laparoscopic appendectomy - a national study of 151,774 patients.* World Journal of Surgery. 2012 Jul;36(7):1527-33. (IF: 2.642, Cat: Surgery, Rank: 47/197)
39. **Worni, M.**, Guller, U., Rajgor, D., Shah, J., Jacobs, DO., Pietrobon, R., Ostbye, T., *Concomitant cholecystectomy in laparoscopic gastric bypass surgery is decreasing: a national study of 69,182 patients.* Obesity Surgery. 2012 Feb;22(2):220-9. (IF: 3.747, Cat: Surgery, Rank: 19/197)
40. **Worni, M.**, Akushevich, I., Gloor, B., Scarborough, J., Chino, JP., Jacobs, DO., Hahn, SM., Clary, BM., Pietrobon, R., Shah, A., *Adjuvant radiotherapy improves overall survival in advanced invasive IPMN of the pancreas – a propensity score adjusted, national analysis of 972 patients.* Annals of Surgical Oncology. 2012 Apr;19(4):1316-23. Epub 2011 Oct 15. (IF: 3.939, Cat: Surgery, Rank 15/197)
41. **Worni, M.**, Witschi, A., Gloor, B., Candinas, D., Laffer, UT., Kuehni, CE., *Early closure of ileostomy is associated with less postoperative nausea and vomiting.* Digestive Surgery. 2011;28(5-6):417-23. Epub 2011 Dec 30. (IF: 2.162, Cat: Surgery, Rank: 65/197)
42. **Worni, M.**, Schudel HH., Seifert, E., Inglin, R., Hagemann, M., Vorburger, SA., Candinas, D., *Randomized controlled trial on single dose steroid before thyroidectomy to improve postoperative nausea, pain, and vocal function.* Annals of Surgery, 2008. 248: 1060-6. (IF: 8.327, Cat: Surgery, Rank: 1/197)
43. Wagner, M., Gloor, B., Ambuhl, M., **Worni, M.**, Lutz, JA., Angst, E., Candinas, D., *Roux-en-Y drainage of the pancreatic stump decreases pancreatic fistula after distal pancreatic resection.* Journal of Gastrointestinal Surgery, 2007. 11: 303-8. (IF: 2.798, Cat: Surgery, Rank: 40/197)
44. Gloor, B., Stahel, PF., Muller, CA., **Worni, M.**, Buchler, MW., Uhl, W., *Incidence and management of biliary pancreatitis in cholecystectomized patients.* Results of a 7-year study. Journal of Gastrointestinal Surgery, 2003. 7: 372-7. (IF: 2.798, Cat: Surgery, Rank: 40/197)
45. Gloor, B.\*, **Worni, M.\***, Strobel, O., Uhl, W., Tcholakov, O., Muller, CA., Stahel, P., Droz, S., Buchler, MW., *Cefepime tissue penetration in experimental acute pancreatitis.* Pancreas, 2003. 26: 117-21. (IF: 2.959, Cat: Gastroenterology/Hepatology, Rank: 31/76) \*Gloor B. and Worni M. contributed equally to the paper

46. Libsch, KD., Zyromski, NJ., Tanaka, T., Kendrick, ML., Haidenberg, J., Peia, D., **Worni, M.**, Duenes, JA., Kost, LJ., Sarr, MG., *Role of extrinsic innervation in jejunal absorptive adaptation to subtotal small bowel resection: a model of segmental small bowel transplantation.* Journal of Gastrointestinal Surgery, 2002. 6: 240-7. (IF: 2.798, Cat: Surgery, Rank: 40/197)
47. Gloor, B., Muller, CA., **Worni, M.**, Stahel, PF., Redaelli, C., Uhl, W., Buchler, MW., *Pancreatic infection in severe pancreatitis : the role of fungus and multiresistant organisms.* JAMA Surgery, 2001. 136: 592-6. (IF: 3.936, Cat: Surgery, Rank: 14/197)
48. Gloor, B., Muller, CA., **Worni, M.**, Martignoni, ME., Uhl, W., Buchler, MW., *Late mortality in patients with severe acute pancreatitis.* British Journal of Surgery, 2001. 88: 975-9. (IF: 5.542, Cat: Surgery, Rank: 5/197)
49. Gloor, B., Uhl, W., Tcholakov, O., Roggo, A., Muller, CA., **Worni, M.**, Buchler, MW., *Hydrocortisone treatment of early SIRS in acute experimental pancreatitis.* Digestive Diseases and Sciences, 2001. 46: 2154-61. (IF: 2.613, Cat: Gastroenterology/Hepatology, Rank: 38/76)

**Total Impact Factor: 229.787**

**# Part of current NCCN guidelines**

### Editorials

1. Greenup RA., Peppercorn J., **Worni, M.**, Hwang, ES., *Cost Implications of the SSO-ASTRO Consensus Guidelines on Margins for Breast-Conserving Surgery with Whole Breast Irradiation in Stage I and II Invasive Breast Cancer.* Annals of Surgical Oncology. 2014 May;21(5):1512-4.

### Case Reports

1. Leung K., **Worni, M.**, Galeotti J., Blazer D 3<sup>rd</sup>., *A Novel Approach: Local Resection for Ampullary GIST-Case Report and Review of Literature.* Journal of Gastrointestinal Cancer. 2016 Jun 1 [Epub ahead of print].

### Review Articles

1. **Worni, M.**, Gloor, B. *Chirurgische und Interventionelle Behandlungsmöglichkeiten beim Adenokarzinom des Pankreas.* Therapeutische Umschau. 2016 Nov;73(9):505-510.
2. **Worni, M.**, Shah, KN., Clary, BM. *Colorectal cancer with potentially resectable hepatic metastases: optimizing treatment.* Current Oncology Report. 2014

Oct;16(10)407. (IF: 2.868)

3. **Worni, M.**, Schudel, HH., Güller, U., *Elective splenectomy in adults – preparation, operation, and postoperative treatment*. Therapeutische Umschau. 2013 Mar; 70(3):171-6.
4. **Worni, M.**, Candinas, D., Gloor, B., *Akutes Abdomen und Peritonitis: Therapiekonzepte*. Intensiv- und Notfallbehandlung, 2. Quartal 2007. 32/2
5. Gloor, B., Schmidtmann, AB., **Worni, M.**, Ahmed, Z., Uhl, W., Buchler, MW., *Pancreatic sepsis: prevention and therapy*. Best Pract Res Clin Gastroenterol, 2002. 16:379-90.
6. Gloor, B., Wente, MN., Muller, CA., **Worni, M.**, Uhl, W., Buchler, MW., *Indications for surgical therapy and operative technique in acute pancreatitis*. Swiss Surgery, 2000. 6:241-5.
7. Muller, CA., Uhl, W., Gloor, B., **Worni, M.**, Roggo, A., Borgstrom, A., Buchler, MW., *Acute pancreatitis-clinical and technical laboratory diagnostic and prognostic assessment*. Swiss Surgery, 2000. 6:235-40.

### Brief Communication

1. Stickel, F., **Worni, M.**, Pache, I., Moradpour, D., Helbling, B., Borovicka, J., Kummer, O., Gerlach, T., *Optimising Ribavirin Exposure by Therapeutic Drug Monitoring Improves Treatment Response in Patients with Chronic Hepatitis C Genotype 1*. American Journal of Gastroenterology, 2013 Jul;108(7):1176-8. (IF: 10.755, Cat: Gastroenterology/Hepatology, Rank: 6/76)

### Book Chapters

1. **Worni, M.**, Sosa, JA., *Professor Emil Theodor Kocher*, Surgical Endocrinopathies edited by Pasiaka&Lee 2015
2. **Worni, M.**, Lutz, JA., Candinas, D., Gloor, B., *Akutes Abdomen für die Intensivmedizin*, Intensivmedizin: Kompendium und Repetitorium zur interdisziplinären Fort- und Weiterbildung, 2007.
3. Lutz, JA., Ganter, CC., Angst, E., **Worni, M.**, Gloor, B., *Neue Entwicklungen des Managements bei schwerer akuter Pankreatitis*, Intensivmedizin: Kompendium und Repetitorium zur interdisziplinären Fort- und Weiterbildung, 2007.
4. Gloor, B., **Worni, M.**, Buchler, MW., *Source control, A guide to the Management for Surgical Infections, Diffuse Peritonitis*, 2002.

## **Books**

1. Gloor, B., **Worni, M.**, et al., *Chronische Pankreasinsuffizienz*, Unimed Verlag, 2008.