

## **Wissenschaftliche Veröffentlichungen Hernienreferenzzentrum Ordensklinikum Linz**

**Publikationsliste Gernot Köhler, Stand 27.11.2019; Gesamtimpactfaktor: > 93,5**

**56 Publikationen in „peer reviewed“ Fachjournalen**

**Hauptthemen: Hernienchirurgie, Kolorektale Chirurgie, Antirefluxchirurgie, Adipositaschirurgie**

**A) Erstautorenschaften: 29 Publikationen**

**B) Coautorenschaften: 19 Publikationen**

**C) Letztautorenschaften: 1 Publikation**

**D) Supplemente: 5 Publikationen**

**E) Letters: 2 Publikationen**

### **A) ERSTAUTORENSCHAFTEN**

- 1) Erstautorenschaft  
Relevance of Surgery after Embolization of Gastrointestinal and Abdominal Hemorrhage.  
Köhler G, Koch OO, Antoniou SA, Mayer F, Lechner M, Pallwein-Prettner L, Emmanuel K.  
World J Surg. 2014 Sep;38(9):2258-66  
PMID: 24728537
- 2) Erstautorenschaft  
Component Separation for Closing Large Abdominal Wall Defects: Evolution of a Method from 1990 to Present Day.  
Köhler G, Luketina RR, Koch OO, Emmanuel K.  
Zentralbl Chir. 2015 Apr;140(2):186-92  
PMID: 24771219
- 3) Erstautorenschaft  
Median incisional hernias and coexisting parastomal hernias : New surgical strategies and an algorithm for simultaneous repair.  
Köhler G.  
Chirurg. 2014 Aug;85(8):697-704  
PMID: 24823998
- 4) Erstautorenschaft  
Early protective ileostomy closure following stoma formation with a dual-sided absorbable adhesive barrier.  
Köhler G, Spaun G, Luketina RR, Antoniou SA, Koch OO, Emmanuel K.  
European Surgery 2014 Nov; 46 (5): 197-202. DOI 10.1007/s10353-014-0266-8  
Keine PUBMED ID: nicht pubmed gelistet
- 5) Erstautorenschaft  
Prevention of Subcutaneous Seroma Formation in Open Ventral Hernia Repair Using a New Low-Thrombin Fibrin Sealant  
Köhler G, Koch OO, Antoniou SA, Lechner M, Mayer F, Emmanuel K.

World J Surg. 2014 Nov;38(11):2797-803  
PMID: 24981370

- 6) Erstautorenschaft  
Comparison of 231 patients receiving either "pull-through" or "push" percutaneous endoscopic gastrostomy.  
Köhler G, Kalcher V, Koch OO, Luketina RR, Emmanuel K, Spaun G.  
Surg Endosc. 2015 Jan;29(1):170-5  
PMID: 24993173
- 7) Erstautorenschaft  
„Acute intrathoracic stomach“ How should we deal with complicated type IV paraesophageal hernias?  
Köhler G, Koch OO, Antoniou SA, Emmanuel K, Pointner R  
Hernia. 2015 Aug;19(4):627-33  
PMID: 25060238
- 8) Erstautorenschaft  
Parastomal hernia repair with a 3- D mesh device and additional flat mesh repair of the abdominal wall.  
Köhler G, Koch O.O, Antoniou S, Lechner M, Mayer F, Klinge U,; Emmanuel K.  
Hernia. 2014 Oct;18(5):653-61  
PMID: 25112385
- 9) Erstautorenschaft  
Small bowel obstruction after TAPP repair caused by a self- anchoring barbed suture device for peritoneal closure: case report and review of the literature.  
Köhler G, Mayer F, Lechner M, Bittner R.  
Hernia. 2015 Jun;19(3):389-94  
PMID: 25112384
- 10) Erstautorenschaft  
Sutured Repair of Primary Small Umbilical and Epigastric Hernias: Concomitant Rectus Diastasis Is a Significant Risk Factor for Recurrence.  
Köhler G, Luketina RR, Emmanuel K.  
World J Surg. 2015 Jan;39(1):121-6  
PMID: 25217109
- 11) Erstautorenschaft  
Stenting for Emergency Colorectal Obstruction: An Analysis of 204 Patients in Relation to Predictors of Failure and Complications.  
Köhler G, Antoniou SA, Lechner M, Mayer F, Mair J, Emmanuel K.  
Scand J Surg. 2015 Sep;104(3):146-53  
PMID: 25260783
- 12) Erstautorenschaft  
Single-Port Parastomal Hernia Repair by Using 3-D Textile Implants.  
Köhler G, Emmanuel K, Schrittwieser R.  
JSLs. 2014 Jul-Sep; 18(3)  
PMID: 25392655; PMC: 4208891;
- 13) Erstautorenschaft  
Laparoscopic stoma relocation for parastomal hernia treatment by using a magnetic resonance visible 3D implant

Köhler G, Emmanuel K.  
ANZ J. Surg 2014 Nov 3. doi: 10.1111/ans.12899.[Epub ahead of print]  
PMID: 25366333

- 14) Erstautorenschaft  
Synthetic Mesh Repair for Incisional Hernia Treatment in High-risk Patients for Surgical Site Occurrences.  
Köhler G, Weitzendorfer M, Kalcher V, Emmanuel K  
Am Surg. 2015 Apr;81(4):387-94  
PMID: 25831186
- 15) Erstautorenschaft  
Magnetic resonance-visible meshes for laparoscopic ventral hernia repair.  
Köhler G, Pallwein-Prettner L, Koch OO, Luketina RR, Lechner M, Emmanuel K  
JSLs. 2015 Jan-Mar;19(1)  
PMID: 25848195
- 16) Erstautorenschaft  
Prevention of parastomal hernias with 3D funnel meshes in intraperitoneal onlay position by placement during initial stoma formation.  
Köhler G1, Hofmann A, Lechner M, Mayer F, Wundsam H, Emmanuel K, Fortelny RH.  
Hernia. 2016 Feb;20(1):151-9  
PMID: 25899106
- 17) Erstautorenschaft  
Magnetic resonance visible 3-D funnel meshes for laparoscopic parastomal hernia prevention and treatment.  
G. Köhler · H. Wundsam · L. Pallwein-Prettner · O.O. Koch · K. Emmanuel  
Eur Surg. 2015 June 2. [Epub ahead of print] DOI 10.1007/s10353-015-0319-7  
Keine PUBMED ID: nicht pubmed gelistet
- 18) Erstautorenschaft  
First human magnetic resonance visualisation of prosthetics for laparoscopic large hiatal hernia repair.  
Köhler G1, Pallwein-Prettner L, Lechner M, Spaun GO, Koch OO, Emmanuel K  
Hernia. 2015 Dec;19(6):975-82  
PMID: 26129921
- 19) Erstautorenschaft  
Changes in the Surgical Management of Parastomal Hernias Over 15 Years: Results of 135 Cases.  
Köhler G1, Mayer F, Wundsam H, Schrittwieser R, Emmanuel K, Lechner M.  
World J Surg. 2015 Nov;39(11):2795-804  
PMID: 26264458
- 20) Erstautorenschaft  
Self-Gripping Meshes for Lichtenstein Repair. Do We Need Additional Suture Fixation?  
Gernot Köhler, Michael Lechner, Franz Mayer, Ferdinand Köckerling, Rudolf Schrittwieser, René H. Fortelny, Daniela Adolf, Klaus Emmanuel  
World J Surg. 2016 Feb;40(2):298-308  
PMID: 26546187
- 21) Erstautorenschaft

A Novel Technique for Parastomal Hernia Repair Combining a Laparoscopic and Ostomy-Opening Approach.

Köhler G, Fischer I, Wundsam H

J Laparoendosc Adv Surg Tech A. 2017 Jun 27. doi: 10.1089/lap.2017.0313. [Epub ahead of print]

PMID: 28654318

- 22) Evolution of Endoscopic Anterior Component Separation to a Precostal Access with a New Cylindrical Balloon Trocar.  
Köhler G, Fischer I, Kaltenböck R, Lechner M, Dauser B, Jorgensen LN.  
J Laparoendosc Adv Surg Tech A. 2017 Oct 20. doi: 10.1089/lap.2017.0480. [Epub ahead of print]  
PMID: 29053405
- 23) Minimal Invasive Linea Alba Reconstruction for the Treatment of Umbilical and Epigastric Hernias with Coexisting Rectus Abdominis Diastasis.  
Köhler G, Fischer I, Kaltenböck R, Schrittwieser R.  
J Laparoendosc Adv Surg Tech A. 2018 Apr 5. doi: 10.1089/lap.2018.0018. [Epub ahead of print]  
PMID: 29620963
- 24) Critical evaluation of an innovative mesh for bilateral transabdominal preperitoneal (TAPP) repair of inguinal hernias.  
Köhler G, Fischer I, Kaltenböck R, Mitteregger M, Seitingner G, Szyszkowitz A  
Hernia. 2018 Jun 5. doi: 10.1007/s10029-018-1786-0. [Epub ahead of print]  
PMID: 29869074
- 25) [New laparoendoscopic and minimally invasive extraperitoneal mesh augmentation techniques for ventral hernia repair].  
Köhler G.  
Chirurg. 2019 Mar 25. doi: 10.1007/s00104-019-0947-8. [Epub ahead of print] Review.  
German.  
PMID: 30911793
- 26) [Preperitoneal Umbilical Hernia Mesh Plasty (PUMP): Indications, Technique and Results].  
Köhler G, Lechner M, Kaltenböck R, Pfandner R, Hartig N.  
Zentralbl Chir. 2019 Aug 8. doi: 10.1055/a-0972-1792. [Epub ahead of print] German.  
PMID: 31394581
- 27) [Preoperative conditioning and surgical strategies for treatment of complex abdominal wall hernias].  
Köhler G.  
Chirurg. 2019 Aug 30. doi: 10.1007/s00104-019-01027-3. [Epub ahead of print] Review.  
German.  
PMID: 31471661
- 28) [Principles and parallels of prevention and repair of parastomal hernia with meshes].  
Köhler G.  
Chirurg. 2019 Sep 30. doi: 10.1007/s00104-019-01047-z. [Epub ahead of print] Review.  
German.  
PMID: 31570963

- 29) Precostal top-down extended totally extraperitoneal ventral hernia plasty (eTEP): simplification of a complex technical approach.  
Köhler G, Kaltenböck R, Pfandner R, Dauser B, Lechner M  
Hernia. 2019 Nov 27. doi: 10.1007/s10029-019-02076-7. [Epub ahead of print]  
PMID: 31773554

## **B) CO- AUTORENSCHAFTEN**

- 1) Co Autorenschaft  
Surgical treatment of distal radius fractures with an angle fixed bar palmar plating system: a single center study of 102 patients over a 2-year period.  
Gruber G, Bernhardt GA, Köhler G, Gruber K.  
Arch Orthop Trauma Surg. 2006 Dec;126(10):680-5  
PMID: 16835773
- 2) Co Autorenschaft  
Endoscopic grading of the gastroesophageal flap valve is correlated with reflux activity and can predict the size of the esophageal hiatus in patients with gastroesophageal reflux disease.  
Koch OO, Spaun G, Antoniou SA, Rabl C, Köhler G, Emmanuel K, Öfner D, Pointner R.  
Surg Endosc. 2013 Dec;27(12):4590-5  
PMID: 23846367
- 3) Co Autorenschaft  
Diagnosis and surgical therapy of hiatal hernia.  
Koch OO, Köhler G, Antoniou SA, Pointner R.  
Zentralbl Chir. 2014 Aug;139(4):393-8  
PMID: 24647816
- 4) Co Autorenschaft  
Comparison of a standard CO<sub>2</sub> pressure pneumoperitoneum insufflator versus AirSeal: study protocol of a randomized controlled trial.  
Luketina RR, Knauer M, Köhler G, Koch OO, Strasser K, Egger M, Emmanuel K.  
Trials. 2014 Jun 20;15:239  
PMID: 24950720
- 5) Co Autorenschaft  
Routine versus no drain placement after elective laparoscopic cholecystectomy: meta-analysis of randomized controlled trials.  
Antoniou S, Koch O, Antoniou G, Köhler G, Chalkiadakis G, Pointner R, Grandrath F.  
Minerva Chir. 2014 Jun;69(3):185-94.  
PMID: 24970306
- 6) Co Autorenschaft  
Obesity does not affect the outcome of laparoscopic antireflux surgery.  
Luketina RR, Koch OO, Köhler G, Antoniou SA, Emmanuel K, Pointner R.  
Surg Endosc. 2015 Jun;29(6):1327-33  
PMID: 25294529
- 7) Co Autorenschaft

Interventional procedures in the treatment of gastroesophageal reflux disease.  
Koch OO, Köhler G, Wundsam H, Weitzendorfer M, Spaun GO, Emmanuel K.  
Chirurg. 2015 Oct;86(10):949-54  
PMID: 25616745

- 8) Co Autorenschaft  
Laparoscopic versus Open Obesity Surgery: A Meta-Analysis of Pulmonary Complications  
Antoniou S.A, Antoniou G.A, Koch O.O, Köhler G, Pointner R, Granderath F  
Digestive Surgery 2015; 32(2):98-107  
PMID: 25765889
- 9) Co Autorenschaft  
Is the age of >65 years a risk factor for endoscopic treatment of primary inguinal hernia?  
Analysis of 24,571 patients from the Herniamed Registry  
Mayer F1, Lechner M, Adolf D, Öfner D, Köhler G, Fortelny R, Bittner R, Köckerling F  
Surg Endosc. 2016 Jan;30(1):296-306  
PMID: 25899813
- 10) Co Autorenschaft  
A Systematic Review and Analysis of Factors Associated with Methodological Quality in  
Laparoscopic Randomized Controlled Trials.  
Antoniou SA1, Andreou A, Antoniou GA, Bertias A, Köhler G, Koch OO, Pointner R,  
Granderath FA.  
Dig Surg. 2015 Apr 18;32(3):217-224  
PMID: 25896540
- 11) Co Autorenschaft  
Rail or roll: a new, convenient and safe way to position self-gripping meshes in open  
inguinal hernia repair.  
Lechner MN1, Jäger T, Buchner S, Köhler G, Öfner D, Mayer F.  
Hernia. 2016 Jun;20(3):417-22  
PMID: 25989726
- 12) Co Autorenschaft  
Laparoscopic augmentation of the diaphragmatic hiatus with biologic mesh versus suture  
repair: a systematic review and meta-analysis.  
Antoniou SA1, Müller-Stich BP, Antoniou GA, Köhler G, Luketina RR, Koch OO, Pointner  
R, Granderath FA.  
Langenbecks Arch Surg. 2015 Jul;400(5):577-83  
PMID: 26049745
- 13) Co Autorenschaft  
Volume and methodological quality of randomized controlled trials in laparoscopic surgery:  
assessment over a 10-year period.  
Antoniou SA1, Andreou A2, Antoniou GA3, Koch OO4, Köhler G4, Luketina RR4, Bertias  
A5, Pointner R6, Granderath FA  
Am J Surg. 2015 Nov;210(5):922-9  
PMID: 26257155
- 14) Co Autorenschaft  
Meta-analysis of randomized trials comparing nonpenetrating vs mechanical mesh fixation  
in laparoscopic inguinal hernia repair.  
Antoniou SA1, Köhler G2, Antoniou GA3, Muysoms FE4, Pointner R5, Granderath FA

Am J Surg. 2016 Jan;211(1):239-249.e2  
PMID: 26316363

15) Co Autorenschaft

Lack of Improvement Over Time in Methodological Quality of Randomized Trials on Laparoscopic Surgery Training.  
Antoniou SA1, Andreou A, Antoniou GA, Koch OO, Köhler G, Luketina RR, Bertias A, Pointner R, Granderath FA  
Dig Surg. 2015 Nov 4;32(6):487-488  
PMID: 26528544

16) Co Autorenschaft

When is mesh fixation in TAPP-repair of primary inguinal hernia repair necessary? The register-based analysis of 11,230 cases.  
Mayer F1, Niebuhr H2, Lechner M3, Dinnewitzer A3, Köhler G4, Hukauf M5, Fortelny RH6, Bittner R7, Köckerling F8  
Surg Endosc. 2016 Oct;30(10):4363-71  
PMID: 26886454

17) Co Autorenschaft

Endoscopic anterior component separation: a novel technical Approach  
B. Dauser · S. Ghaffari · C. Ng · T. Schmid · G. Köhler · F. Herbst  
Hernia. 2017 Sep 23. doi: 10.1007/s10029-017-1671-2. [Epub ahead of print]  
PMID: 28942568

18) Co Autorenschaft

Preoperative diagnosis of hiatal hernia: barium swallow X ray, high-resolution manometry, or endoscopy?  
Michael Weitzendorfer · Gernot Köhler · Stavros A. Antoniou · Leo Pallwein-Prettner · Lisa Manzenreiter · Philipp Schredl · Klaus Emmanuel · Oliver Owen Koch  
European Surgery,2017, 19. Sept. doi.org/10.1007/s10353-017-0492-y  
PMID: 5653726

19) Co Autorenschaft

Retroperitoneal Liposarcoma: A Concern in Inguinal Hernia Repair.  
Lechner M, Borhanian K, Mitterwallner S, Bittner R, Klieser E, Köhler G, Emmanuel K, Mayer F.JSLS. 2019 Jan-Mar;23(1). pii: e2018.00064. doi: 10.4293/JSLS.2018.00064.  
Review.  
PMID: 30700965

### **C) LETZTAUTORENSCHAFTEN**

1) Letztautorenschaft

Parastomal Hernia Repair with a 3D Funnel Intraperitoneal Mesh Device and Same-Sided Stoma Relocation: Results of 56 Cases.  
Fischer I, Wundsam H, Mitteregger M, Köhler G.  
World J Surg. 2017 Jul 24. doi: 10.1007/s00268-017-4130-4. [Epub ahead of print]  
PMID: 28741192

### **D) SUPPLEMENTE**

1) Topic: Recent Innovations in Hernia Surgery.

Hernia. 2015 Apr;19 Suppl 1:S328-37. doi: 10.1007/BF03355379  
PMID: 26518832

- 2) Topic: Inguinal Hernia - Unsolved problem in the daily practice  
Hernia. 2015 Apr;19 Suppl 1:S293-304. doi: 10.1007/BF03355374.  
PMID: 26518826
  
- 3) Topic: Inguinal Hernia - Tailored surgery.  
Hernia. 2015 Apr;19 Suppl 1:S287-92. doi: 10.1007/BF03355373  
PMID: 26518825
  
- 4) Parastomal Hernia, Risky Zone & Prophylactic Mesh  
Hernia. 2015 Apr;19 Suppl 1:S25-31. doi: 10.1007/BF03355322  
PMID: 26518816
  
- 5) Complex Cases in Abdominal Wall Repair and Prophylactic Mesh  
Hernia. 2015 Apr;19 Suppl 1:S133-7. doi: 10.1007/BF03355340  
PMID: 26518790

## **E) LETTERS**

- 1) Reply Letter to the Editor:  
Parastomal Hernia Repair with a 3D Funnel Intraperitoneal Mesh Device and Same-Sided  
Stoma Relocation: Results of 56 Cases.  
Köhler G.  
World J Surg. 2018 Jan 16. doi: 10.1007/s00268-018-4473-5. [Epub ahead of print]  
PMID: 29340727
  
- 2) Letter to the editor: Anterior and posterior component separation; Limitations of cadaver  
studies.  
Köhler G.  
Am J Surg. 2019 May 25. pii: S0002-9610(19)30679-8. doi: 10.1016/j.amjsurg.2019.05.010.  
[Epub ahead of print] No abstract available.  
PMID: 31153583