

# Literatur zum Artikel

## Roboter-assistierte Pankreaschirurgie – Etablierung, Möglichkeiten und Grenzen

1. Bausch D, Keck T (2017) Laparoskopische Pankreasresektion. *Chirurg* 88: 484–489
2. Winer J, Can MF, Bartlett DL, et al (2012) The current state of robotic-assisted pancreatic surgery. *Nat Rev Gastroenterol Hepatol* 9: 468–476
3. Goh BKP, Low T-Y, Kam J-H, et al (2019) Initial experience with laparoscopic and robotic surgery for the treatment of periampullary tumours: single institution experience with the first 30 consecutive cases. *ANZ J Surg* 89: E137–E141
4. Lyu Y, Cheng Y, Wang B, et al (2020) Comparison of 3 minimally invasive methods versus open distal pancreatectomy: a systematic review and network meta-analysis. *Surg Laparosc Endosc Percutan Tech* 31:104–112
5. Rooij T de, van Hilst J, van Santvoort H, et al (2019) Minimally invasive versus open distal pancreatectomy (LEOPARD): a multicenter patient-blinded randomized controlled trial. *Ann Surg* 269: 2–9
6. Chen S, Chen J-Z, Zhan Q, et al (2015) Robot-assisted laparoscopic versus open pancreaticoduodenectomy: a prospective, matched, mid-term follow-up study. *Surg Endosc* 29: 3698–3711
7. Nassour I, Paniccia A, Moser AJ, et al (2021) Minimally invasive techniques for pancreatic resection. *Surg Oncol Clin N Am* 30: 747–758
8. Giulianotti PC, Mangano A, Bustos RE, et al (2018) Operative technique in robotic pancreaticoduodenectomy (RPD) at university of Illinois at Chicago (UIC): 17 steps standardized technique: Lessons learned since the first worldwide RPD performed in the year 2001. *Surg Endosc* 32: 4329–4336
9. Glatz T, Brinkmann S, Thaher O, et al (2022) Robotische Pankreaschirurgie – Lernkurve und Etablierung. *Zentralbl Chir* 147:188–195
10. Hayashi H, Baba H (2020) Current statement and safe implementation of minimally invasive surgery in the pancreas. *Ann Gastroenterol Surg* 4: 505–513
11. Thomaschewski M, Zimmermann M, Müller-Debus CF, et al (2020) Robotisch-assistierte obere gastrointestinale und hepatopankreatobiliäre Chirurgie: Etablierung durch einen Stepwise Approach und eine Analyse der ersten 100 Operationen. *Zentralbl Chir* 145: 234–245
12. Ikoma N, Kim MP, Tran Cao HS, et al (2022) Early experience of a robotic foregut surgery program at a cancer center: video of shared steps in robotic pancreaticoduodenectomy and gastrectomy. *Ann Surg Oncol* 29: 285
13. Shakir M, Boone BA, Polanco PM, et al (2015) The learning curve for robotic distal pancreatectomy: an analysis of outcomes of the first 100 consecutive cases at a high-volume pancreatic centre. *HPB (Oxford)* 17: 580–586
14. Shyr B-U, Chen S-C, Shyr Y-M, et al (2018) Learning curves for robotic pancreatic surgery-from distal pancreatectomy to pancreaticoduodenectomy. *Medicine (Baltimore)* 97: e13000
15. Kim HS, Park JS, Yoon DS (2019) True learning curve of laparoscopic spleen-preserving distal pancreatectomy with splenic vessel preservation. *Surg Endosc* 33: 88–93
16. Napoli N, Kauffmann EF, Vistoli F, et al (2021) State of the art of robotic pancreaticoduodenectomy. *Updates Surg* 73: 873–880
17. Shi Y, Jin J, Qiu W, et al (2020) Short-term outcomes after robot-assisted vs open pancreaticoduodenectomy after the learning curve. *JAMA Surg* 155: 389
18. Shi Y, Wang W, Qiu W, et al (2021) Learning curve from 450 cases of robot-assisted pancreaticoduodenectomy in a high-volume pancreatic center. *Ann Surg* 274: e1277–e1283
19. Mulchandani J, Shetty N, Kulkarni A, et al (2021) Short-term and pathologic outcomes of robotic versus open pancreaticoduodenectomy for periampullary and pancreatic head malignancy: an early experience. *J Robotic Surg* 10: 1199
20. Tyutyunnik P, Klompaker S, Lombardo C, et al (2021) Learning curve of three European centers in laparoscopic, hybrid laparoscopic, and robotic pancreaticoduodenectomy. *Surg Endosc* 36: 1515–1526
21. Vining CC, Hogg ME (2020) How to train and evaluate minimally invasive pancreas surgery. *J Surg Oncol* 122: 41–48
22. Schmidt CR, Harris BR, Musgrove KA, et al (2021) Formal robotic training diminishes the learning curve for robotic pancreaticoduodenectomy: implications for new programs in complex robotic surgery. *J Surg Oncol* 123: 375–380
23. Al Abbas AI, Zeh Iii HJ, Polanco PM (2021) State of the art robotic distal pancreatectomy: a review of the literature. *Updates Surg* 73: 881–891
24. Chan KS, Wang ZK, Syn N, et al (2021) Learning curve of laparoscopic and robotic pancreas resections: A systematic review. *Surgery* 170: 194–206
25. Deichmann S, Manschikow SG, Petrova E, et al (2021) Evaluation of postoperative quality of life after pancreatic surgery and determination of influencing risk factors. *Pancreas* 50: 362–370
26. Kinny-Köster B, Habib JR, Javed AA, et al (2021) Technical progress in robotic pancreaticoduodenectomy: TRIANGLE and periadventitial dissection for retropancreatic nerve plexus resection. *Langenbecks Arch Surg* 406: 2527–2534
27. Kauffmann EF, Napoli N, Menonna F, et al (2019) A propensity score-matched analysis of robotic versus open pancreaticoduodenectomy for pancreatic cancer based on margin status. *Surg Endosc* 33: 234–242
28. Rooij T de, van Hilst J, Bosscha K, et al (2018) Minimally invasive versus open pancreaticoduodenectomy (LEOPARD-2): study protocol for a randomized controlled trial. *Trials* 19: 1
29. Watkins AA, Kent TS, Gooding WE, et al (2018) Multicenter outcomes of robotic reconstruction during the early learning curve for minimally-invasive pancreaticoduodenectomy. *HPB (Oxford)* 20: 155–165
30. Beane JD, Zenati M, Hamad A, et al (2019) Robotic pancreaticoduodenectomy with vascular resection: outcomes and learning curve. *Surgery* 166: 8–14
31. Zureikat AH, Postlewait LM, Liu Y, et al (2016) A multi-institutional comparison of perioperative outcomes of robotic and open pancreaticoduodenectomy. *Ann Surg* 264: 640–649
32. Stoffels B, Glowka TR, Websky MW von, et al (2020) Roboter-assistierte Operationen in der Viszeralchirurgie. *Chirurg* 91: 190–194
33. Jones LR, Zwart MJW, Molenaar IQ, et al (2020) Robotic pancreaticoduodenectomy: patient selection, volume criteria, and training programs. *Scand J Surg* 109: 29–33