

## Literatur zum Artikel

### Strukturierte Etablierung eines Roboterprogramms samt Weiterbildung

1. Litynski GS (1998) Erich Mühe and the rejection of laparoscopic cholecystectomy (1985): a surgeon ahead of his time. *JLS* 2: 341
2. Semm K (1983) Endoscopic appendectomy. *Endoscopy* 15: 59–64
3. Tang CL, Schlich T (2017) Surgical Innovation and the multiple meanings of randomized controlled trials: the first RCT on minimally invasive cholecystectomy (1980–2000). *J Hist Med Allied Sci* 72: 117–141
4. Thomaschewski M, Laubert T, Zimmermann M, et al (2020) Efficacy of goal-directed minimally invasive surgery simulation training with the Lübeck toolbox-curriculum prior to first operations on patients: study protocol for a multi-centre randomized controlled validation trial (NOVICE). *Int J Surg Protoc* 21: 13–20
5. Zendejas B, Brydges R, Hamstra SJ, Cook DA (2013) State of the evidence on simulation-based training for laparoscopic surgery: a systematic review. *Ann Surg* 257: 586–593
6. Berguer R, Smith WD, Chung YH (2001) Performing laparoscopic surgery is significantly more stressful for the surgeon than open surgery. *Surg Endosc* 15: 1204–1207
7. Li MM, George J (2017) A systematic review of low-cost laparoscopic simulators. *Surg Endosc* 31: 38–48
8. Alaker M, Wynn GR, Arulampalam T (2016) Virtual reality training in laparoscopic surgery: a systematic review & meta-analysis. *Int J Surg* 29: 85–94
9. Laubert T, Esnaashari H, Auerswald P, et al (2018) Conception of the Lübeck toolbox curriculum for basic minimally invasive surgery skills. *Langenbecks Arch Surg* 403: 271–278
10. 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
11. Müller-Debus CF, Thomaschewski M, Zimmermann M, et al (2020) Robot-assisted pancreatic surgery: a structured approach to standardization of a program and of the operation. *Visc Med* 36: 104–112
12. Oberlin DT, Flum AS, Lai JD, Meeks JJ (2016) The effect of minimally invasive prostatectomy on practice patterns of American urologists. *Urol Oncol* 34: 255.e1–5
13. Stützenberg KB, Wong Y-N, Nielsen ME, et al (2012) Trends in radical prostatectomy: centralization, robotics, and access to urologic cancer care. *Cancer* 118: 54–62
14. Schroeck FR, de Sousa CAP, Kalman RA, et al (2008) Trainees do not negatively impact the institutional learning curve for robotic prostatectomy as characterized by operative time, estimated blood loss, and positive surgical margin rate. *Urology* 71: 597–601
15. Povolotskaya N, Woolas R, Brinkmann D (2015) Implementation of a robotic surgical program in gynaecological oncology and comparison with prior laparoscopic series. *Int J Surg Oncol* 2015: 814315
16. Randell R, Honey S, Alvarado N, et al (2019) Factors supporting and constraining the implementation of robot-assisted surgery: a realist interview study. *BMJ Open* 9: e028635
17. Jones A, Sethia K (2010) Robotic surgery: why we have bought a robot. *Ann R Coll Surg Engl* 92: 5–8
18. Chen R, Rodrigues Armijo P, Krause C, et al (2020) A comprehensive review of robotic surgery curriculum and training for residents, fellows, and postgraduate surgical education. *Surg Endosc* 34: 361–367
19. Tam V, Zenati M, Novak S, et al (2017) Robotic pancreatoduodenectomy biotissue curriculum has validity and improves technical performance for surgical oncology fellows. *J Surg Educ* 74: 1057–1065
20. Ramos P, Montez J, Tripp A, et al (2014) Face, content, construct and concurrent validity of dry laboratory exercises for robotic training using a global assessment tool. *BJU Int* 113: 836–842
21. Kowalewski KF, Schmidt MW, Proctor T, et al (2018) Skills in minimally invasive and open surgery show limited transferability to robotic surgery: results from a prospective study. *Surg Endosc* 32: 1656–1667
22. Herron DM, Marohn M; SAGES-MIRA Robotic Surgery Consensus Group (2008) A consensus document on robotic surgery. *Surg Endosc* 22: 313–325
23. Goh AC, Goldfarb DW, Sander JC, et al (2012) Global evaluative assessment of robotic skills: validation of a clinical assessment tool to measure robotic surgical skills. *J Urol* 187: 247–252