

Roboter-assistierte Chirurgie und 3D-Laparoskopie – zum Vorteil der Patienten?

Chirurgie assistée par robot et laparoscopie en 3D – à l'avantage des patients?

Literatur / Références

- 1 Clinical Outcomes of Surgical Therapy Study Group. N Engl J Med. 2004 May 13;350(20):2050–9. A comparison of laparoscopically assisted and open colectomy for colon cancer.
- 2 Nguyen NT, Goldman C, Rosenquist CJ, Arango A, Cole CJ, Lee SJ, Wolfe BM. Laparoscopic versus open gastric bypass: a randomized study of outcomes, quality of life, and costs. Ann Surg. 2001 Sep;234(3):279–89
- 3 Steiner CA, Bass EB, Talamini MA, Pitt HA, Steinberg EP. Surgical rates and operative mortality for open and laparoscopic cholecystectomy in Maryland. N Engl J Med. 1994 Feb 10;330(6):403–8.
- 4 Barbash GI, Glied SA. New Technology and Health Care Costs — The Case of Robot-Assisted Surgery. NEJM 2010; 363:701–704
- 5 Buchs N, Volonte F, Pugin F, Toso C, Morel P. Three-dimensional laparoscopy: a step toward advanced surgical navigation. Surg Endosc 2012 Jul 18. [Epub ahead of print]
- 6 Wexner SD, Bergamaschi R, Lacy A, Jonas U, Brölmann H, Kennedy RH, John H: The current status of robotic pelvic surgery: results of a multinational interdisciplinary consensus conference. Surg Endosc 23: 438 – 443, 2009
- 7 Buchs NC, Addeo P, Bianco FM, Gorodner V, Ayloo SM, Elli EF, Oberholzer J, Benedetti E, Giulianotti PC. Perioperative risk assessment in robotic general surgery: lessons learned from 884 cases at a single institution. Arch Surg. 2012 Aug;147(8):701–8.
- 8 Maeso S, Reza M, Mayol J, Blasco J, Guerra M, Andradas E, Plana M. Efficacy of the Da Vinci Surgical System in Abdominal Surgery Compared With That of Laparoscopy: A Systematic Review and Meta-Analysis. Ann Surg 2010; 252:254–262
- 9 John H, Wiklund P (Eds): Robotic Urology. Springer Heidelberg. 2008; pp 1–267
- 10 Novara G, Ficarra V, Rosen RC, Artibani W, Costello A, Eastham JA, Graefen M, Guazzoni G, Shariat SF, Stolzenburg JU, Van Poppel H, Zattoni F, Montorsi F, Mottrie A, Wilson TG. Systematic review and meta-analysis of perioperative outcomes and complications after robot-assisted radical prostatectomy. Eur Urol. 2012; 62:431–52.
- 11 John H, Wiklund P, Witt JH (Eds). Atlas of Robotic Prostatectomy. Springer Heidelberg. 2013; pp 1–80
- 12 Fischer B, Engel N, Fehr JL, John H. Complications after robotic radical prostatectomy. World Journal of Urology. 2008; 26:595–602
- 13 John H, Bucher Ch, Engel N, Fischer B, Fehr JL. Pre-peritoneal Robotic Prostate Adenomectomy. Urology. 2009; 73:811–815
- 14 Schwentner C, Todenhofer T, Mundhenk J, Horstmann M, Stenzl A and John H. [Robotic laparoscopic cystectomy: on the way to a standard procedure?]. Aktuelle Urol. 2011; 42:103–8
- 15 Schumacher MC, Jonsson MN, Hosseini A, Nyberg T, Poulakis V, Pardalidis NP, John and Wiklund PN. Surgery-related complications of robot-assisted radical cystectomy with intracorporeal urinary diversion. Urology. 2011; 77:871–6
- 16 Kurz M, Horstmann M and John H. Robot-Assisted Laparoscopic Repair of High Vesicovaginal Fistulae With Peritoneal Flap Inlay. Eur Urol. 2012; 61:229–30
- 17 Breitenstein S, Nocito A, Puhan M, Held U, Weber M, Clavien PA. Robotic-assisted versus laparoscopic cholecystectomy: outcome and cost analyses of a case-matched control study. Ann Surg 2008; 247:987–993
- 18 Gurusamy KS, Samraj K, Fusai G, Davidson BR. Robot assistant versus human or another robot assistant in patients undergoing laparoscopic cholecystectomy. Cochrane Database of Systematic Reviews 2012, Issue 9. Art. No.: CD006578. DOI: 10.1002/14651858.CD006578.pub3.
- 19 Trastulli S, Farinella E, Cirocchi R, Cavaliere D, Avenia N, Sciannameo F, Gullà N, Noya G, Boselli C. Robotic resection compared with laparoscopic rectal resection for cancer: systematic review and meta-analysis of short-term outcome. Colorectal Dis. 2012;14(4):e134–56. doi: 10.1111/j.1463–1318.2011.02907.x.
- 20 Winer J, Can MF, Bartlett DL, Zeh HJ, Zureikat AH. The current state of robotic-assisted pancreatic surgery. Nat Rev Gastroenterol Hepatol. 2012; 9:468–76.
- 21 Sudan R, Bennett KM, Jacobs DO, Sudan DL. Multifactorial analysis of the learning curve for robot-assisted laparoscopic biliopancreatic diversion with duodenal switch. Ann Surg. 2012 May;255(5):940–5.
- 22 Wall J, Marescaux J. Robotic gastrectomy is safe and feasible, but real benefits remain elusive. Arch Surg. 2011 Sep;146(9):1092.

- 23 Giulianotti PC, Sbrana F, Coratti A, Bianco FM, Addeo P, Buchs NC, Ayloo SM, Benedetti E. Totally robotic right hepatectomy: surgical technique and outcomes. *Arch Surg*. 2011 Jul;146(7):844–50.
- 24 Baek JH, McKenzie S, Garcia-Aguilar J, Pigazzi A. Oncologic outcomes of robotic-assisted total mesorectal excision for the treatment of rectal cancer. *Ann Surg*. 2010 May;251(5):882–6.
- 25 Daouadi M, Zureikat AH, Zenati MS, Choudry H, Tsung A, Bartlett DL, Hughes SJ, Lee KK, Moser AJ, Zeh HJ. Robot-Assisted Minimally Invasive Distal Pancreatectomy Is Superior to the Laparoscopic Technique. *Ann Surg*. 2012 Aug 3. [Epub ahead of print]
- 26 Byeon HK, Ban MJ, Lee JM, Ha JG, Kim ES, Koh YW, Choi EC. Robot-Assisted Sistrunk's Operation, Total Thyroidectomy, and Neck Dissection via a Transaxillary and Retroauricular (TARA) Approach in Papillary Carcinoma Arising in Thyroglossal Duct Cyst and Thyroid Gland. *Ann Surg Oncol*. 2012 Oct 16. [Epub ahead of print]
- 27 Chung WY. Pros of robotic transaxillary thyroid surgery: its impact on cancer control and surgical quality. *Thyroid*. 2012 Oct;22(10):986–7
- 28 Lu D, Liu Z, Shi G, Liu D, Zhou X. Robotic assisted surgery for gynaecological cancer. *Cochrane Database Syst Rev*. 2012 Jan 18;1:CD008640.
- 29 Storz P, Buess GF, Kunert W, Kirschniak A. 3D HD versus 2D HD: surgical task efficiency in standardised phantom tasks. *Surg Endosc*. 2012 May;26(5):1454–60. Epub 2011 Dec 17.