

State of the Art der Erfassung und Evaluation der Komplikationen nach roboterassistierter radikaler Zystektomie

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Literatur

1. Ferlay J et al. Cancer statistics for the year 2020: An overview. *Int J Cancer* 2021
2. Kaatsch P et al. Krebs in Deutschland 2011/2012. Robert Koch-Institut 2015: 156
3. Witjes JA et al. European Association of Urology Guidelines on Muscle-invasive and Metastatic Bladder Cancer: Summary of the 2020 Guidelines. *Eur Urol* 2020
4. Vetterlein MW et al. Improving Estimates of Perioperative Morbidity After Radical Cystectomy Using the European Association of Urology Quality Criteria for Standardized Reporting and Introducing the Comprehensive Complication Index. *Eur Urol* 2020; 77(1): 55–65
5. Hu JC et al. Perioperative Outcomes, Health Care Costs, and Survival After Robotic-assisted Versus Open Radical Cystectomy: A National Comparative Effectiveness Study. *Eur Urol* 2016; 70(1): 195–202
6. Parekh DJ et al. Robot-assisted radical cystectomy versus open radical cystectomy in patients with bladder cancer (RAZOR): an open-label, randomised, phase 3, non-inferiority trial. *The Lancet* 2018; 391(10139): 2525–36
7. Satkunavivam R et al. Robot-assisted Radical Cystectomy Versus Open Radical Cystectomy: A Meta-analysis of Oncologic, Perioperative, and Complication-related outcomes. *Eur Urol Oncol* 2019; 2(4): 443–7
8. Wijburg CJ et al. Robot-assisted Radical Cystectomy Versus Open Radical Cystectomy in Bladder Cancer Patients: A Multicentre Comparative Effectiveness Study. *Eur Urol* 2021; 79(5): 609–18
9. Mastroianni R et al. Comparison of Patient-reported Health-related Quality of Life Between Open Radical Cystectomy and Robot-assisted Radical Cystectomy with Intracorporeal Urinary Diversion: Interim Analysis of a Randomised Controlled Trial. *Eur Urol Focus* 2021
10. Khan MS et al. Long-term Oncological Outcomes from an Early Phase Randomised Controlled Three-arm Trial of Open, Robotic, and Laparoscopic Radical Cystectomy (CORAL). *Eur Urol* 2020; 77(1): 110–8
11. Mitropoulos D et al. Reporting and grading of complications after urologic surgical procedures: an ad hoc EAU guidelines panel assessment and recommendations. *Eur Urol* 2012; 61(2): 341–9
12. Gandaglia G et al. The Impact of Implementation of the European Association of Urology Guidelines Panel Recommendations on Reporting and Grading Complications on Perioperative Outcomes after Robot-assisted Radical Prostatectomy. *Eur Urol* 2018; 74(1): 4–7
13. Dell'Oglio P et al. Impact of the Implementation of the EAU Guidelines Recommendation on Reporting and Grading of Complications in Patients Undergoing

- Robot-assisted Radical Cystectomy: A Systematic Review. *Eur Urol* 2021; 80(2): 129–33
14. Martin RC et al. Quality of complication reporting in the surgical literature. *Ann Surg* 2002; 235(6): 803–13
 15. Dindo D et al. Classification of surgical complications: a new proposal with evaluation in a cohort of 6336 patients and results of a survey. *Ann Surg* 2004; 240(2): 205–13
 16. Mitropoulos D et al. Validation of the Clavien-Dindo Grading System in Urology by the European Association of Urology Guidelines Ad Hoc Panel. *Eur Urol Focus* 2018; 4(4): 608–13
 17. Slankamenac K et al. The comprehensive complication index: a novel continuous scale to measure surgical morbidity. *Ann Surg* 2013; 258(1): 1–7
 18. Clavien PA et al. The Comprehensive Complication Index (CCI®): Added Value and Clinical Perspectives 3 Years "Down the Line". *Ann Surg* 2017; 265(6): 1045–50
 19. Furrer MA et al. The Comprehensive Complication Index CCI: A proposed modification to optimize short-term complication reporting after cystectomy and urinary diversion. *Urol Oncol* 2019; 37(4): 291 e9–e18
 20. Kowalewski KF et al. The comprehensive complication index (CCI): proposal of a new reporting standard for complications in major urological surgery. *World J Urol* 2021; 39(5): 1631–9
 21. Haas M et al. The comprehensive complication index is associated with a significant increase in complication severity between 30 and 90 days after radical cystectomy for bladder cancer. *Eur J Surg Oncol* 2021; 47(5): 1163–71
 22. Albisinni S et al. Defining the Morbidity of Robot-Assisted Radical Cystectomy with Intracorporeal Urinary Diversion: Adoption of the Comprehensive Complication Index. *J Endourol* 2022; 36(6): 785–92
 23. Vetterlein MW & Leyh-Bannurah SR. Predefined and Standardized Complication Catalogs: An Essential Tool to Assess Reproducible Estimates of Overall Morbidity After Urologic Surgery. *J Endourol* 2022
 24. Mendrek M et al. Reporting and grading of complications for intracorporeal robot-assisted radical cystectomy: an in-depth short-term morbidity assessment using the novel Comprehensive Complication Index(®). *World J Urol* 2022; 40(7): 1679–88