

Literatur zum Artikel

Interdisziplinäres Management kolorektaler Lebermetastasen

1. Cardoso R, Guo F, Heisser T, et al (2021) Colorectal cancer incidence, mortality, and stage distribution in European countries in the colorectal cancer screening era: an international population-based study. *Lancet Oncol* 22: 1002–1013
2. Bray F, Ferlay J, Soerjomataram I, et al (2018) Global cancer statistics 2018: GLOBOCAN estimates of incidence and mortality worldwide for 36 cancers in 185 countries. *CA Cancer J Clin* 68: 394–424
3. Chan KM, Wu TH, Cheng CH, et al (2014) Prognostic significance of the number of tumors and aggressive surgical approach in colorectal cancer hepatic metastasis. *World J Surg Oncol* 12: 155
4. Van Cutsem E, Cervantes A, Adam R, et al (2016) ESMO consensus guidelines for the management of patients with metastatic colorectal cancer. *Ann Oncol* 27: 1386–1422
5. Morris VK, Kennedy EB, Baxter NN, et al (2023) Treatment of metastatic colorectal cancer: ASCO guideline. *J Clin Oncol* 41: 678–700
6. Adam R, Kitano Y, Abdelrafeef A, et al (2020) Debulking surgery for colorectal liver metastases: Foolish or chance? *Surg Oncol* 33: 266–269
7. Zhou H, Liu Z, Wang Y, et al (2022) Colorectal liver metastasis: molecular mechanism and interventional therapy. *Signal Transduct Target Ther* 7: 70
8. Hellingman T, de Swart ME, Joosten AA, et al (2020) The value of a dedicated multidisciplinary expert panel to assess treatment strategy in patients suffering from colorectal cancer liver metastases. *Surg Oncol* 35: 412–417
9. Moulton CA, Gu CS, Law CH, et al (2014) Effect of PET before liver resection on surgical management for colorectal adenocarcinoma metastases: a randomized clinical trial. *JAMA* 311: 1863–1869
10. D'Angelica MI, Kemeny ME (2015) Metastatic colorectal cancer to the liver: Involve the surgeon early and often. *Ann Surg Oncol* 22: 2104–2106
11. Wei AC, Jarnagin WR (2020) Questioning why more patients with colorectal liver metastases are not referred for metastasectomy. *JAMA Surg* 155: 909–910
12. Ivey GD, Johnston FM, Azad MS, et al (2022) Current surgical management strategies for colorectal cancer liver metastases. *Cancers (Basel)* 14:
13. Shi JH, Line PD (2020) Hallmarks of postoperative liver regeneration: an updated insight on the regulatory mechanisms. *J Gastroenterol Hepatol* 35: 960–966
14. Hoffmann K, Nagel AJ, Tabane K, et al (2020) Markers of liver regeneration—the role of growth factors and cytokines: a systematic review. *BMC Surg* 20: 31
15. Duwe G, Knitter S, Pesthy S, et al (2017) Hepatotoxicity following systemic therapy for colorectal liver metastases and the impact of chemotherapy-associated liver injury on outcomes after curative liver resection. *Eur J Surg Oncol* 43: 1668–1681
16. Khan AS, Garcia-Aroz S, Ansari MA, et al (2018) Assessment and optimization of liver volume before major hepatic resection: Current guidelines and a narrative review. *Int J Surg* 52: 74–81
17. Lock JF, Westphal T, Rubin T, et al (2017) LiMAX test improves diagnosis of chemotherapy-associated liver injury before resection of colorectal liver metastases. *Ann Surg Oncol* 24: 2447–2455
18. Abulkhir A, Limongelli P, Healey AJ, et al (2008) Preoperative portal vein embolization for major liver resection: a meta-analysis. *Ann Surg* 247: 49–57
19. Heil J, Schadde E (2021) Simultaneous portal and hepatic vein embolization before major liver resection. *Langenbecks Arch Surg* 406: 1295–1305
20. Manfredi S, Lepage C, Hatem C, et al (2006) Epidemiology and management of liver metastases from colorectal cancer. *Ann Surg* 244: 254–259
21. Okholm C, Mollerup TK, Schultz NA, et al (2018) Synchronous and metachronous liver metastases in patients with colorectal cancer. *Dan Med J* 65: A5524
22. Vayrynen V, Wirta EV, Seppälä T, et al (2020) Incidence and management of patients with colorectal cancer and synchronous and metachronous colorectal metastases: a population-based study. *BJS Open* 4: 685–692
23. Giulante F, Vigano M, De Rose AL, et al (2021) Liver-first approach for synchronous colorectal metastases: analysis of 7360 patients from the LiverMetSurvey Registry. *Ann Surg Oncol* 28: 8198–8208
24. Schmiegel W, Buchberger B, Follmann M, et al (2017) S3-Leitlinie – Kolorektales Karzinom. *Z Gastroenterol* 55: 1344–1498
25. Nordlinger B, Sorbye H, Glimelius B, et al (2008) Perioperative chemotherapy with FOLFOX4 and surgery versus surgery alone for resectable liver metastases from colorectal cancer (EORTC Intergroup trial 40983): a randomised controlled trial. *Lancet* 371: 1007–1016
26. Abu Hilal M, Aldrighetti L, Dagher I, et al (2018) The Southampton consensus guidelines for laparoscopic liver surgery: from indication to implementation. *Ann Surg* 268: 11–18
27. Wakabayashi G, Cherqui D, Geller DA, et al (2015) Recommendations for laparoscopic liver resection: a report from the second international consensus conference held in Morioka. *Ann Surg* 261: 619–629
28. Zhang XL, Liu RF, Zhang D, et al (2017) Laparoscopic versus open liver resection for colorectal liver metastases: A systematic review and meta-analysis of studies with propensity score-based analysis. *Int J Surg* 44: 191–203
29. Xie SM, Yiong JJ, Liu XT, et al (2017) Laparoscopic versus open liver resection for colorectal liver metastases: a comprehensive systematic review and meta-analysis. *Sci Rep* 7: 1012
30. Fretland AA, Dagenborg VJ, Waaler Bjørnelv GM, et al (2018) Laparoscopic versus open resection for colorectal liver metastases: the OSLO-COMET randomized controlled trial. *Ann Surg* 267: 199–207
31. Luo LX, Yu ZY, Bai YN (2014) Laparoscopic hepatectomy for liver metastases from colorectal cancer: a meta-analysis. *J Laparoendosc Adv Surg Tech A* 24: 213–222
32. Fruscione M, Pickens R, Baker EH, et al (2019) Robotic-assisted versus laparoscopic major liver resection: analysis of outcomes from a single center. *HPB (Oxford)* 21: 906–911
33. Ceccarelli G, Rocca A, De Rosa M, et al (2021) Minimally invasive robotic-assisted combined colorectal and liver excision surgery: feasibility, safety and surgical technique in a pilot series. *Updates Surg* 73: 1015–1022
34. Benoit S, Brouquet A, Penna C, et al (2006) Complete response of colorectal liver metastases after chemotherapy: does it mean cure? *J Clin Oncol* 24: 3939–3945
35. Kuhlmann K, van Hilst J, Fisher S, Poston G (2016) Management of disappearing colorectal liver metastases. *Eur J Surg Oncol* 42: 1798–1805
36. Andreou A, Gloor S, Inglis J, et al (2021) Parenchymal-sparing hepatectomy for colorectal liver metastases reduces postoperative morbidity while maintaining equivalent oncologic outcomes compared to non-parenchymal-sparing resection. *Surg Oncol* 38: 101631
37. Mise, Y., et al., Parenchymal-sparing hepatectomy in colorectal liver metastasis improves salvageability and survival. *Ann Surg.* 2016. 263(1): p. 146–52.
38. Tang H, Li B, Zhang H, et al (2016) Comparison of anatomical and non-anatomical hepatectomy for colorectal liver metastasis: a meta-analysis of 5207 patients. *Sci Rep* 6: 32304
39. Chavez MI, Gholami S, Kim BJ, et al (2021) Two-stage hepatectomy for bilateral colorectal liver metastases: a multi-institutional analysis. *Ann Surg Oncol* 28: 1457–1465
40. Nordlinger B, Sorbye H, Glimelius B, et al (2013) Perioperative FOLFOX4 chemotherapy and surgery versus surgery alone for resectable liver metastases from colorectal cancer (EORTC 40983): long-term results of a randomised, controlled, phase 3 trial. *Lancet Oncol* 14: 1208–1215

CHAZ KOMPAKT

41. Lin J, Peng J, Zhao Y, et al (2018) Early recurrence in patients undergoing curative resection of colorectal liver oligometastases: identification of its clinical characteristics, risk factors, and prognosis. *J Cancer Res Clin Oncol* 144: 359–369
42. Vigano L, Capussotti L, Lapointe R, et al (2014) Early recurrence after liver resection for colorectal metastases: risk factors, prognosis, and treatment. A LiverMetSurvey-based study of 6,025 patients. *Ann Surg Oncol* 21: 1276–1286
43. Lee H, Choi SH, Cho YB, et al (2015) Repeat hepatic resection in patients with colorectal liver metastases. *World J Gastroenterol* 21: 2124–2130
44. Ziff O, Rajput I, Adair R, et al (2014) Repeat liver resection after a hepatic or extended hepatic trisectionectomy for colorectal liver metastasis. *HPB (Oxford)* 16: 212–219
45. Neeff HP, Drogowitz O, Holzner P, et al (2013) Outcome after repeat resection of liver metastases from colorectal cancer. *Int J Colorectal Dis* 28: 1135–1141
46. Uhlig J, Lukovic J, Dawson LA, et al (2021) Locoregional therapies for colorectal cancer liver metastases: options beyond resection. *Am Soc Clin Oncol Educ Book* 41: 133–146
47. Sofocleous CT, Petre EN, Gonem M, et al (2011) CT-guided radiofrequency ablation as a salvage treatment of colorectal cancer hepatic metastases developing after hepatectomy. *J Vasc Interv Radiol* 22: 755–761
48. Solbiati L, Ahmed M, Cova L, et al (2012) Small liver colorectal metastases treated with percutaneous radiofrequency ablation: local response rate and long-term survival with up to 10-year follow-up. *Radiology* 265: 958–968
49. Wang J, Liang P, Yu J, et al (2014) Clinical outcome of ultrasound-guided percutaneous microwave ablation on colorectal liver metastases. *Oncol Lett* 8: 323–326
50. Pathak S, Jones R, Tang JMF, et al (2011) Ablative therapies for colorectal liver metastases: a systematic review. *Colorectal Dis* 13: e252–e265
51. Ruers T, van Coevorden F, Punt CJA, et al (2017) Local treatment of unresectable colorectal liver metastases: results of a randomized phase II Trial. *J Natl Cancer Inst* 109: