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Nota di contenuto	1 History of treatment of colorectal liver metastases -- 2 Anatomy -- 3 Exposure -- 4 Anatomic versus non-anatomic resection -- 5 Simulation and navigation -- 6 Advanced techniques in multiple metastases: fiduciary markers and completion ablation -- 7 Two-stage hepatectomy for bilobular colorectal liver metastases: experience of MD Anderson Cancer Center -- 8 Two-stage hepatectomy for bilobular colorectal liver metastases: experience of Hôpital Paul-Brousse -- 9 One-stage hepatectomy for bilobular colorectal liver metastases: experience of the University of Tokyo -- 10 Associated Liver Partition and Portal vein ligation for Staged hepatectomy (ALLPS) -- 11 Open resection technique -- 12 Laparoscopic resection technique: Norwegian experience -- 13 Laparoscopic resection technique: French experience -- 14 Laparoscopic resection technique: Japanese experience -- 15 Is

there a place for robotic resection? -- 16 Advanced resection technique with vascular reconstruction -- 17 Resection margins -- 18 R1vascular resection -- 19 Prevention and treatment of perihepatic fluid collection including two-step air leak test -- 20 Synchronous presentation of primary and colorectal liver metastasis: classic, reverse, and combined -- 21 Approach to synchronous lung and liver metastases and single incision combined resection -- 22 Perioperative chemotherapy: review of randomized trials and recommended approach -- 23 The disappearing metastasis -- 24 Downsizing of unresectable colorectal liver metastasis -- 25 Is there a place for debulking? -- 26 Liver transplantation -- 27 Prognostic model for colorectal liver metastasis -- 28 Personalized prognostic model (contour model) -- 29 Conditional recurrence-free survival -- 30 Repeat Hepatectomy: Rationale and Results -- 31 Initial systemic chemotherapy for metastatic CRC -- 32 Treatment refractory metastatic CRC -- 33 Targeted therapy beyond EGFR and VEGF -- 34 Adjuvant systemic chemotherapy -- 35 Immunotherapy -- 36 Infusional therapy: European experience -- 37 Infusional therapy: American experience -- 38 Optimal diagnostic imaging of CLM in surgical candidates -- 39 Prevention of postoperative liver insufficiency including standardized future liver remnant and kinetic growth rate -- 40 Portal vein embolization with and without hepatic vein occlusion -- 41 Radiofrequency ablation, electroporation and microwave ablation -- 42 Radiation therapy -- 43 Radioembolization -- 44 Hepatic injury from chemotherapy -- 45 Imaging response criteria -- 46 Pathological response criteria -- 47 Histopathological patterns of progression and vessel co-option -- 48 Micrometastasis -- 49 Liquid biopsy -- 50 Multigene testing for prognostication and therapeutic actionability -- 51 Cancer-related signaling pathway and prognosis -- 52 Intraoperative ultrasound -- 53 Hybrid room for combined procedures -- 54 Liver tumor board -- 55 Role of advanced practice providers in enhancing perioperative and intraoperative patient care -- 56 Enhanced recovery after liver resection -- 57 Improved survival after CLM resection over 20 years -- 58 LiverMetSurvey registry -- 59 Surveillance strategy and circulating DNA.

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#### Sommario/riassunto

This book provides a practically applicable guide to the management of liver metastases in cases of colorectal cancer. It features detailed reviews of the latest diagnostic and therapeutic options. Instruction on how to appropriately apply surgical techniques including two stage hepatectomy as well as both laprascopic and open resection in a variety of scenarios is covered. The use of systemic therapies involving oxaliplatin, immunotherapy and infusional therapy are also described along with a range of surveillance strategies. Vauthey and Adam Colorectal Liver Metastasis comprehensively covers the latest advances in how to successfully diagnose and treat colorectal liver metastases and is an indispensable resource for all trainee and practicing medical professionals who encounter these patients within their clinical practice. .

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