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Nota di contenuto	Foreword -- Preface -- Part I: General Perspective -- 1. Epidemiology and Histopathology of Benign Liver Tumors -- 2. Molecular Biology and Genetics of Benign Liver Tumors -- 3. Genetic Syndromes and Benign Liver Tumors (Multiple Adenomas in Glycogen Storage Disease) -- 4. Liver Physiopathology (Ischemia/Reperfusion, Factors affecting Liver Regeneration) -- Part II: Imaging -- 5. Imaging Techniques (Ultrasound, CT, MR) of Benign Liver Tumors -- 6. Imaging Morphology in Benign Liver Tumors -- 7. Differential Diagnosis of Benign Liver Tumors -- Part III: Systematic Review of Benign Liver Tumors -- 8. Cysts and Polycystic Liver Disease -- 9. Caroli's Disease: Cystic Bile Duct Dilatations -- 10. Hepatolithiasis -- 11. Hemangiomas -- 12. Focal Nodular Hyperplasia -- 13. Hepatocellular Adenoma -- 14. Adenoma

and Biliary Cystadenoma -- 15. Benign Tumors of Bile Ducts and Gallbladder -- 16. Liver Focal Localizations of Systemic Diseases -- 17. Focal Infectious Diseases -- Part IV: Treatment of Benign Liver Tumors -- 18. Transplantation for Benign Liver Lesions -- 19. Laparoscopic Liver Surgery in Benign Liver Lesions -- 20. Robotic Liver Resection for Benign Tumors -- 21. Interventional Radiology in Benign Liver Tumors: Embolization and Ablation -- 22. Intraoperative Ultrasound in Liver Surgery for Benign Tumors -- 23. Anesthesia and Intraoperative Management in Liver Surgery -- 24. Blood and Transfusion Management in Benign Liver Tumors -- 25. Fast Track Programs in Benign Liver Tumors.

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## Sommario/riassunto

Diagnosis of benign tumors of the liver is experiencing exponential growth, mainly owing to the diffusion of more accurate imaging techniques. This monograph opens by examining the epidemiology, histopathology, and genetics of these diseases and discussing liver physiopathology. The role of imaging techniques is described, and clear guidance provided on differential diagnosis. The full range of benign liver tumors and conditions is then systematically reviewed, including liver cysts and polycystic liver disease, Caroli disease, hemangiomas, focal nodular hyperplasia, adenomas, hepatic manifestations of systemic diseases, and focal infectious diseases. Surgical indications are accurately analyzed, with a view to assisting in the avoidance of useless interventions. Transplantation, laparoscopic resection, and robotic surgical techniques are described and illustrated, emphasizing the optimization of intra- and postoperative management in order to avoid potential complications and degeneration. In these chapters, attention is drawn to the ways in which the surgical management of benign liver tumors differs from that of malignant tumors. Information is also provided on anesthesia, blood transfusion, the role of interventional radiology in patients with benign liver tumors and fast track programs for liver surgery. This book, in handy format, will prove essential reading for all who are interested in benign liver surgery and will represent an invaluable source of knowledge for general and hepatobiliary surgeons, whether in training or practice.

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