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Autore	Akbulut Sami
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Nota di contenuto	Preface -- Introduction -- 1. Terminology Used For Hydatid Disease: Parasitological and Surgical Aspects -- 2. Epidemiology, Life Cycle, and Prevention of Hydatid Disease -- 3. Clinical Features of Hydatid Disease -- 4. Radiological Features of Liver Hydatid Disease -- 5. Laboratory and Serological Findings Of Liver Hydatid Disease -- 6. Medical Treatment of Hydatid Disease -- 7. Percutaneous Treatment of Liver Hydatid Disease -- 8. Conventional And Minimally Invasive Treatment Of Liver Hydatid Disease -- 9. Treatment of Complicated Hydatid Disease -- 10. Role of Endoscopic Eetrograde Cholangiopancreatography in the Management of Hepatic Hydatid Disease -- 11. Liver Transplantation for Hepatic Echinococcosis -- 12. Treatment of Hydatid Disease in Unusual Locations -- 13. Artificial Intelligence and Decision Support Applications in Liver Hydatid Disease: Detection, Classification, and Complication Prediction -- 14. Follow-up and Surveillance After Treatment of Hydatid Disease.
Sommario/riassunto	Hydatid disease, also known as echinococcosis, is a parasitic infection

caused by tapeworms from the genus *Echinococcus* and affects a significant percentage of the world's population. Four species of *Echinococcus* are known to infect humans. Among these, *E. granulosus* and *E. multilocularis* are the most common, responsible for causing cystic and alveolar echinococcosis, respectively. In contrast, *E. vogeli* and *E. oligarthrus* lead to polycystic echinococcosis, although human incidence is relatively rare. Hydatid disease is a rare clinical condition that can affect nearly any organ in the body. This suggests that clinicians from various specialties, particularly those working in endemic regions, may encounter hydatid disease in their practice. This unique book offers a comprehensive overview of cystic and alveolar echinococcosis, which together constitute the most significant portion of hydatid disease as it affects various human organs. It begins with a brief history of hydatid disease and outlines the different transmission modes of *E. granulosus* and *E. multilocularis*. Furthermore, it discusses preventive measures, clinical presentations, and various treatment approaches. By addressing hydatid disease across multiple organ systems collectively, the book serves as an essential resource for clinicians involved in its management. The primary goal of this book is to tackle the challenges faced in managing this rare disease. This resource is designed specifically to bridge the gap in the comprehensive management of hydatid disease, as many clinicians and specialists focus only on aspects relevant to their own fields. However, since hydatid disease is a systemic issue affecting multiple organ systems, this multidisciplinary approach is crucial to avoid overlooking the broader impact during localized treatment. This book is a valuable guide for clinicians across all medical specialties, including physicians in radiology, medical microbiology, and parasitology. Given the significant clinical and epidemiological burden of hydatid disease, this book provides healthcare providers with the knowledge and tools necessary for effective patient care.
