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Nota di contenuto	1. Introduction / Frank Stadler -- 2. Living with a Chronic Wound / Rajna Ogrin, Kylie J. Elder -- 3. Wound Aetiologies, Patient Characteristics, and Healthcare Settings Amenable to Maggot Therapy / Ronald A. Sherman, Frank Stadler -- 4. Indications, Contraindications, Interactions, and Side-effects of Maggot Therapy / Ronald A. Sherman -- 5. Medicinal Maggot Application and Maggot Therapy Dressing Technology / Ronald A. Sherman -- 6. Clinical Integration of Maggot Therapy / Benjamin L. Bullen, Ronald A. Sherman, Paul J. Chadwick, Frank Stadler -- 7. The Natural History of Medicinal Flies / Michelle L. Harvey -- 8. Maggot Debridement / Yamni Nigam, Michael R. Wilson -- 9. The Antimicrobial Activity of Medicinal Maggots / Yamni Nigam, Michael R. Wilson -- 10. Maggot-assisted Wound Healing / Yamni Nigam, Michael R. Wilson -- 11. Bioprospecting and Testing of New Fly Species for Maggot Therapy / Patricia J. Thyssen, Franciele S. Masiero, Frank Stadler -- 12. Laboratory and Insectary Infrastructure and Equipment / Frank Stadler -- 13. Fly Colony Establishment, Quality Control and Improvement / Frank Stadler, Nikolas P. Johnston, Nathan J. Butterworth, James F. Wallman -- 14. Medicinal Maggot Production / Frank Stadler, Peter Takac -- 15. Establishment of a Medical Maggot Rearing Facility and Maggot Therapy Programme for Human and Veterinary Medicine in Kenya / Peter Takac, Milan Kozanek, Grace A. Murilla, Phoebe Mukiria, Bernard Wanyonyi Kinyosi, Judith K. Chemuliti, J. Kimani Wanjerie, Christopher K. Kibiwott, Frank Stadler -- 16.

Packaging Technology / Frank Stadler -- 17. Distribution Logistics / Frank Stadler -- 18. Drone-assisted Medicinal Maggot Distribution in Compromised Healthcare Settings/ Frank Stadler, Peter Tatham -- 19. The Ethics of Maggot Therapy / Frank Stadler.

Sommario/riassunto

"Since the revival of maggot therapy in Western wound care approximately thirty years ago, there has been no comprehensive synthesis of what is known about its clinical practice, supply chain management, and social dimensions. This edited volume fills the information vacuum and, importantly, makes the current state of knowledge freely accessible. It is the first to provide sound, evidence-based information and guidance covering the entire supply chain from production to treatment. The chapters are arranged in five parts presenting the latest on clinical practice, the principles of therapeutic action, medicinal maggot production, distribution logistics, and the ethical dimensions of maggot therapy. The contributors have paid particular attention to the challenges encountered in compromised, low-resource healthcare settings such as disasters, conflict, and poverty. There are still many barriers to the widespread uptake of maggot therapy in healthcare settings. This book will be essential reading for a global audience of doctors, nurses, allied healthcare providers, students, and entrepreneurs with an interest in maggot-assisted wound care. It will be the go-to reference for those who plan, regulate, and coordinate healthcare, and want to establish a maggot therapy program, particularly in low- and middle-income and other compromised healthcare settings where maggot therapy can provide much-needed, affordable, and efficacious wound care."--Publisher's website.
