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Nota di contenuto	<p>Part I : The Basics -- 1. A Short History of Cryosurgery -- 2. Cryobiology and Thermodynamics -- 3. Theoretical Principles of Immunocryosurgery -- 4. Basic Equipment for Cryosurgery -- 5. Cryosurgical Techniques -- 6. Preoperative Care for Cryosurgery -- Part II : Non-invasive Imaging Techniques -- 7. High-Frequency Ultrasound (HFUS) in the Management of Skin Cancer Treated with Cryosurgery -- 8. Role of Reflectance Confocal Microscopy in Cryosurgery -- 9. Optical coherence tomography and cryosurgery -- 10. Line-field optical coherence tomography and cryosurgery -- Part III : Benign Conditions -- 11. Cryobiopsy, Cryoanesthesia, and Cryoanalgesia -- 12. Cryosurgery for Common Benign Lesions -- 13. Cryosurgery for Warts -- 14. Cryosurgery for Benign Oral Lesions -- 15. Cryosurgery for Benign Eyelid Lesions -- 16. Cryosurgery for Vascular Lesions -- Part IV : Pre-malignant and Malignant Lesions -- 17. Premalignant Lesions: Combination Treatments in Cryosurgery -- 18. Cryosurgery for Actinic Cheilitis -- 19. Cryosurgery for Malignant Lesions -- 20. Cryosurgery according to the Gothenburg protocols -- 21. Immunocryosurgery for Nonmelanoma Skin Cancer: Applications and Practical Tips -- 22. Palliative Treatment with Cryosurgery -- Part V : Post-operative Care/Management and Future Considerations -- 23. Post-operative Care for Cryosurgery -- 24. Pitfalls and Their Management in Cryosurgery -- 25. Future Considerations for Cryosurgery -- Part VI : Atlases -- 26. Histopathologic Events of Cryolesion: An Atlas -- 27. In Vivo Reflectance Confocal Microscopy</p>

Assessment of Wound Induction and Repair of a Skin Injury Produced by Liquid Nitrogen: An Atlas.

Sommario/riassunto

The book covers all practical aspects of cryosurgery and also offers a theoretical foundation for practice. Basic principles, equipment, and techniques are described, and procedures are explained step by step for a range of applications, including common benign lesions, vascular lesions, pre-malignant conditions, and malignancies. An important feature is the coverage of the latest advances in combination treatments such as topical drugs (Imiquimod, 5-Fluoruracil) and cryosurgery, as well as the use of non-invasive imaging techniques like high-frequency ultrasound, photography, OCT, Line-Field-OCT, and reflectance confocal microscopy. Cryobiopsy and immuno-cryosurgery to enhance diagnosis, treatment, and monitoring. Use of cryosurgery as palliative treatment is also discussed, and the closing chapters consider postoperative care, complications, and future directions. This completely reviewed edition aims to fill the gap created by the lack of formal training in cryosurgery, which leads not only to an underutilization of the technique, but also to inappropriate usage with undesirable consequences for patients. This second edition of *Cryosurgery: A Practical Manual* will be a handy tool in daily practice for Dermatologists, Nursing professionals, General practitioners, and also colleagues in the Veterinary field. Additional questions via app: Download the Springer Nature Flashcards app for free and use exclusive additional material to test your knowledge.