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Nota di contenuto	Front cover; Table of Contents; Foreword to the Second Edition; Foreword to the First Edition; Preface; Acknowledgments; Contributors; Section I. A Historical Perspective; Chapter 1. History of Bitemark Evidence; Section II. Bitemark Recognition; Chapter 2. The Role of Health Professionals in Diagnosing Patterned Injuries from Birth to Death; Chapter 3. Role of the Medical Examiner, Coroner, and Pathologist; Chapter 4. The Team Approach in Bitemark Investigation; Section III. Description of the Bitemark; Chapter 5. The Nature of Bitemarks; Chapter 6. Reconstructive Bitemark Analysis Section IV. Collection of Bitemark Evidence: A: Noninvasive Analyses Chapter 7. Photography; Chapter 8. Practical Tips in Forensic Bitemark Photography; Chapter 9. Image Processing and Analysis for Evidentiary Purposes; Chapter 10. Bitemarks as Biological Evidence; Chapter 11. Bitemark Impressions; Chapter 12. Microscopy Techniques; Chapter 13. Nonperishables and Perishables; Section IV. Collection of Bitemark Evidence: B: Invasive Analyses; Chapter 14. Tissue Specimens; Chapter 15. Histology and Timing of Injury; Section V. Bitemark Variables and Cases; Chapter 16. Animal Bites Chapter 17. Carnivore Bitemarks Chapter 18. Human Bitemarks; Chapter 19. Patterns, Lesions, and Trauma-Mimicking Bitemarks; Section VI. Research; Chapter 20. Current Context of Bitemark Analysis and

Research; Chapter 21. Research, Emerging Technologies, and Recent Developments; Chapter 22. Experimental Bitemarks and Histology; Chapter 23. Genotypic Comparison of Bacterial DNA Recovered from Bitemarks and Teeth; Section VII. Collection of Evidence from the Suspect; Chapter 24. The Suspect; Chapter 25. Methods of Comparison; Section IX. The Reports; Chapter 26. Bitemark Report Section X. Prevention and Contamination Chapter 27. Precautionary Measures; Section XI. Legal Considerations and the Courtroom; Chapter 28. Science and the Law; Chapter 29. Case Law; Chapter 30. Contracting with the Expert Witness; Chapter 31. Courtroom Aids in Bitemark Evidence; Chapter 32. Legal Liability of an Expert Witness; Chapter 33. Wrongful Convictions and Erroneous Bitemark Opinions; Chapter 34. Reliability of Bitemark Analysis; Chapter 35. Resolving Issues in Bitemark Analysis; Section XIII. Appendices; Appendix 1: ABFO Bitemark Analysis Guidelines-Outline Appendix 2: ABFO Guidelines for Investigative and Final Bitemark Reports Appendix 3: Bitemark Checklist-Bitemark Recipient; Appendix 4: Bitemark Checklist-Suspected Biter; Appendix 5: Sample Consent Form; Appendix 6: Dental Nomenclature; Back cover

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Sommario/riassunto

The first stand-alone textbook on the subject, this illuminating reference compiles the expertise and recommendations of a team of 21 eminent specialists from the disciplines of forensic odontology, DNA analysis, pathology, and jurisprudence. It is generously illustrated with more than 543 black and white photographs and 32 full-color pages that serve to illustrate the many facets of bitemark recognition, diagnosis, handling, excision, lifting, transillumination, storage, preservation, transportation, analysis, and comparison. Thirty comprehensive chapters illustrate animal and human bi

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