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Nota di contenuto	Contents; Foreword; Preface; Acknowledgments; Part I Theory of Laser Surgery; 1 General Principles of Laser Energy and Biophysics; 2 Power Density and the Basic Effects of Radiant Energy on Tissue; 3 Fundamentals of Laser-Tissue Interactions; 4 Types of Laser-Tissue Interaction Related to the Rate of Heat Transfer Through Soft Tissue; 5 Laser Systems, Wavelengths, and Technology Selection; Part II Practical Laser Surgery; 6 Safety Considerations; 7 Economic Considerations for Use of Laser Energy in Veterinary Medical Practice; 8 Pain Management Considerations for Laser Surgery Procedures Part III Clinical Laser Technique and Procedures 9 Diode Lasers in Small Animal Veterinary Medicine; 10 Introduction to Clinical Applications of CO <sub>2</sub> Laser Energy in Veterinary Medical and Surgical Services; Case Studies; Suggested Reading; Index
Sommario/riassunto	Surgical and therapeutic use of lasers began in human medicine in the early 1960s. Technology and equipment advanced rapidly. Over the last ten years veterinarians have been exploring the many potential advantages that various lasers provide their patients. Because laser light energy can be applied directly to target tissue or administered to distant lesions at a remote site through fiberoptic components, laser surgery has become an invaluable and growing veterinary surgical

resource. Unlike many medical technologies, the size, reliability, and portability of lasers have improved so rapidly th

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