DESCRIPTION

Advanced Laser Surgery in Dentistry delivers a state-of-the-art reference for laser technology in the context of a dental practice. The book encompasses oral surgery, periodontology, and implant dentistry, covering the latest research, knowledge, and clinical practices. The author demonstrates the clinical relevance by including many real-world clinical cases that illustrate the application of the discussed techniques.

The book includes high-quality, color photographs throughout to support the text and add visual information to the covered topics, which include wound healing, oral surgery, periodontology, implant dentistry, and laser fundamentals and safety considerations. Advanced Laser Surgery in Dentistry provides readers with a step-by-step guide for using lasers in dental practice and discusses likely new directions and possible future treatments in the rapidly advancing field of laser dentistry. Readers will also benefit from a wide variety of subjects, including:

- A thorough introduction to the fundamentals of lasers, including the beam, the laser cavity, active mediums, lenses, resonators, and delivery systems

- An exploration of lasers and wound healing, including soft tissue and bone healing, as well as laser-assisted excisions and osteotomies

- An analysis of lasers in periodontology, including laser-assisted bacteria reduction in the periodontal tissues and the removal of subgingival dental calculus

- A discussion of lasers in implant dentistry and treatment for peri-implantitis
Perfect for oral and maxillofacial surgeons, periodontists, and implant dentists, as well as general dentists, *Advanced Laser Surgery in Dentistry* will also earn a place in the libraries of dental students and residents seeking to improve their understanding of laser-based oral and dental procedures with a carefully organized reference guide.

### ABOUT THE AUTHOR

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