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Titolo	Lasers in Dentistry--Current Concepts // edited by Donald J. Coluzzi and Steven P. A. Parker
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ISBN	3-031-43338-6
Edizione	[Second edition.]
Descrizione fisica	1 online resource (581 pages)
Collana	Textbooks in Contemporary Dentistry Series
Disciplina	016.37
Soggetti	Lasers in dentistry
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Is there in for lasers in dentistry? -- 2. Laser Fundamentals -- 3. Laser-tissue Interaction -- 4. Laser operating parameters in dentistry -- 5. Laser Safety in Dentistry -- 6. Laser assisted diagnostics -- 7. Theoretical and applied concepts of Photobiomodulation within clinical dentistry -- 8. Laser use in dental caries management -- 9. Laser-assisted endodontics -- 10. Lasers use in Implant Dentistry -- 11. Laser-assisted Pediatric dentistry -- 12. Laser Use in Muco-gingival Surgical Orthodontics -- 13. Laser Use in Minor Oral Surgery -- 14. Laser use in the treatment of periodontal and peri-implant disease -- 15. Laser-assisted multi-tissue management during aesthetic or restorative procedures -- 16. Laser-assisted management of color in aesthetic zone -- 17. Current research and future dreams for dental lasers -- 18. Evidence-Based Laser Use, Laser Education, Medico-Legal Aspects of Laser Use -- Glossary.
Sommario/riassunto	This book, now in an extensively revised second edition, provides information on the basic science and tissue interactions of dental lasers and documents the principal current clinical uses of lasers in every dental discipline. The applications of lasers in restorative dentistry, endodontics, dental implantology, pediatric dentistry, periodontal therapy, and soft tissue surgery are clearly described and illustrated. Information is also provided on laser-assisted multi-tissue management, covering procedures such as crown lengthening, gingival troughing, gingival recontouring, and depigmentation. The closing

chapters look forward to the future of lasers in dentistry and the scope for their widespread use in everyday clinical practice. When used in addition to or instead of conventional instrumentation, lasers offer many unique patient benefits. Furthermore, research studies continue to reveal further potential clinical applications, and new laser wavelengths are being explored, developed, and delivered with highly specific power configurations to optimize laser–tissue interaction. This book will bring the reader up to date with the latest advances and will appeal to all with an interest in the application of lasers to the oral soft and/or hard tissues. .
