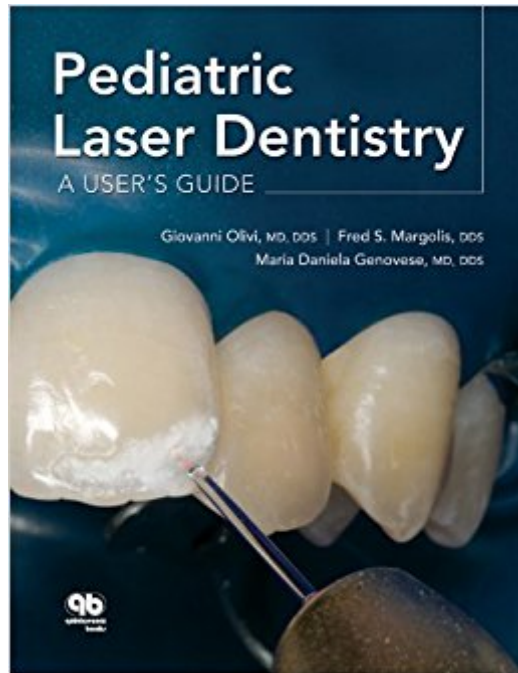




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Pediatric Laser Dentistry: A User's Guide



Synopsis

This comprehensive text, the first to focus on laser applications in pediatric dentistry, reviews the fundamental principles of laser energy and demonstrates the essential therapeutic steps of laser radiation in conservative pediatric dentistry. Detailed explanations of the unique interactions of laser radiation with dental tissues with a focus on the differences specific to primary and young permanent teeth help clinicians take advantage of the many inherent benefits of laser energy, such as selective removal of carious tissue, preservation of healthy mineral structure, disinfection of prepared surfaces, excellent hemostasis, and improved patient comfort and compliance. The predictable clinical protocols for hard and soft tissue applications are detailed step by step with explanations on technique and suggested laser parameters, and the outcomes are illustrated in multiple case studies. In addition, the text is rounded out with presentations on innovative therapies involved in laser caries detection, laser irradiation for caries prevention, enamel and dentin laser conditioning, laser radiation for root canal debridging and cleansing, and low-level laser therapy as well as an appendix on laser safety and a glossary of laser terms. This practical guide will inspire pediatric dentists who are new to the laser as well as those experienced in providing laser therapy to adults.

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Book Information

Hardcover: 224 pages

Publisher: Quintessence Pub Co; 1 edition (January 31, 2011)

Language: English

ISBN-10: 0867154942

ISBN-13: 978-0867154948

Product Dimensions: 0.8 x 8.8 x 11.2 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #2,816,478 in Books (See Top 100 in Books) #38 in [Books > Medical Books > Dentistry > Pediatrics](#) #845 in [Books > Textbooks > Medicine & Health Sciences > Dentistry >](#)

Customer Reviews

I was excited when I read the table of contents only to be a bit disappointed after getting into the meat of the text. The explanations of the hardware were sufficient enough to give me a basic understanding of how my machine works. If you are looking for detailed answers to specifically diagnose and treat dental conditions with good science and evidence based dentistry at its core, this is not the text for you. If your goals are more in line with obtaining a quick overview of dental lasers with some good photos, this book is your answer. One of the reasons for my disappointment had to do with the redundancy and rationalization of uses for the laser. For example, on page 130, box 10-1 outlines the surgical advantages for the clinical use of lasers. The table listed 8 advantages, 5 of which were simply different ways of saying the same thing. I have a Biolase and have been using it for about 3 months. It is a nice tool for certain hard and soft tissue applications, but to say that it could be used as much as the book insinuates just doesn't seem correct to me. I guess it has to do with, when you have a hammer, everything starts looking like a nail.

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