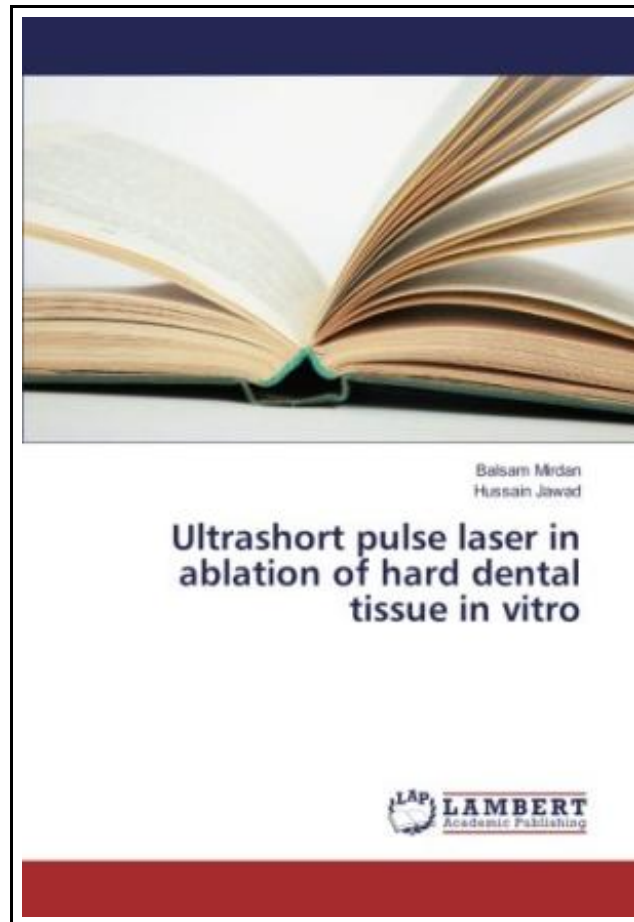


Ultrashort pulse laser in ablation of hard dental tissue in vitro



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Reviews

Very helpful for all class of people. Sure, it is actually play, nonetheless an amazing and interesting literature. It is extremely difficult to leave it before concluding, once you begin to read the book.
(Carole McClure)

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Highlights: - The book is about the interaction of ultra short laser pulse in 40ps range with dental hard tissue(Enamel, Dentin and Dentin-enamel junction)wavelength. - 2nd and 4th harmonic generation of Nd:YAG laser interaction with dental tissue was studied extensively. - Study of crater depth morphology using scanning electron-microscope. - Study of crater depth in florescence microscope in reflection mode . - Ablation depth was enhanced by using consecutive pulses leaving the crater diameter unchanged. - Crater diameter depends both on laser FWHM and on ablation threshold, a model has been developed. | Format: Paperback | Language/Sprache: english | 364 gr | 220x150x14 mm | 232 pp.



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