



Nanobiomaterials in Clinical Dentistry (Micro and Nano Technologies)

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New nanomaterials are leading to a range of emerging dental treatments that utilize more biomimetic materials that more closely duplicate natural tooth structure (or bone, in the case of implants).

This book brings together an international team of experts from the fields of materials science, nanotechnology and dentistry, to explain these new materials and their applications for the restoration, fixation, replacement, or regeneration of hard and soft tissues in and about the oral cavity and craniofacial region.

The main topics covered include applications in dental specialties (Orthodontics, Endodontics, Pediatric dentistry, Periodontics, Prosthodontics and Implant dentistry), salivary diagnostics using bioMEMS/NEMS systems, nanochips for oral cancer diagnosis, biomimetic nanomaterials, and nanotechnology for tooth repair and regeneration.

The editors' previous book, *Emerging Nanotechnologies in Dentistry* focused on the fabrication/manufacturing processes of materials and dentistry applications. This second book complements the first covers with coverage of the range of nanomaterials available today in clinical dentistry, explaining the innovative techniques and applications in all of the main clinical dental specialties.

Nanobiomaterial engineers, biomedical researchers, biomedical engineers and dental/oral pre-clinical and clinical researchers will find the comprehensive coverage essential for working with nanotechnologies and materials in both clinical and research settings.

Book prepared by an interdisciplinary and international group of scientists and practitioners in the fields of nanomaterials, dental implants, medical devices and clinical practice.

- Comprehensive professional reference for the subject covering materials fabrication and use of materials for all major

diagnostic and therapeutic dental applications – repair, restoration, regeneration, implants and prevention.

- Complements the editors' previous book on nanotechnology applications for dentistry.

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Precisely why? Because this Nanobiomaterials in Clinical Dentistry (Micro and Nano Technologies) is an unordinary book that the inside of the reserve waiting for you to snap the idea but latter it will zap you with the secret this inside. Reading this book next to it was fantastic author who write the book in such awesome way makes the content inside of easier to understand, entertaining way but still convey the meaning totally. So , it is good for you for not hesitating having this any more or you going to regret it. This book will give you a lot of positive aspects than the other book possess such as help improving your expertise and your critical thinking method. So , still want to delay having that book? If I ended up you I will go to the guide store hurriedly.

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