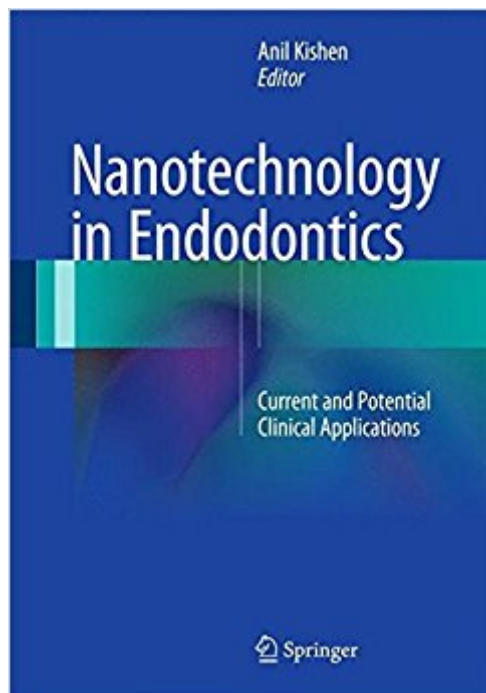




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Nanotechnology In Endodontics: Current And Potential Clinical Applications



Synopsis

This book provides detailed information on the emerging applications of nanomaterials and nanoparticles within endodontics, highlighting the exciting potential clinical impact of nanotechnology in the field. The range of applications covered is diverse, encompassing drug and gene delivery, tissue engineering, antibacterial strategies, dentin tissue stabilization, dentin pulp regeneration and use in restorative and endodontic materials. Important scientific background information relating to each application is provided, with clear coverage of basic principles. In addition, potential pitfalls are identified and explained. The cytotoxicity of nanomaterials and nanoparticles is also addressed in a separate chapter. The book will be of value both for endodontic practitioners and for all scientists and graduate students who are interested in the application of nanotechnology in endodontics.

Book Information

Hardcover: 199 pages

Publisher: Springer; 2015 edition (March 19, 2015)

Language: English

ISBN-10: 3319135740

ISBN-13: 978-3319135748

Product Dimensions: 7.3 x 0.6 x 10.3 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

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practitioners and for all scientists and graduate students who are interested in the application of nanotechnology in endodontics.

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