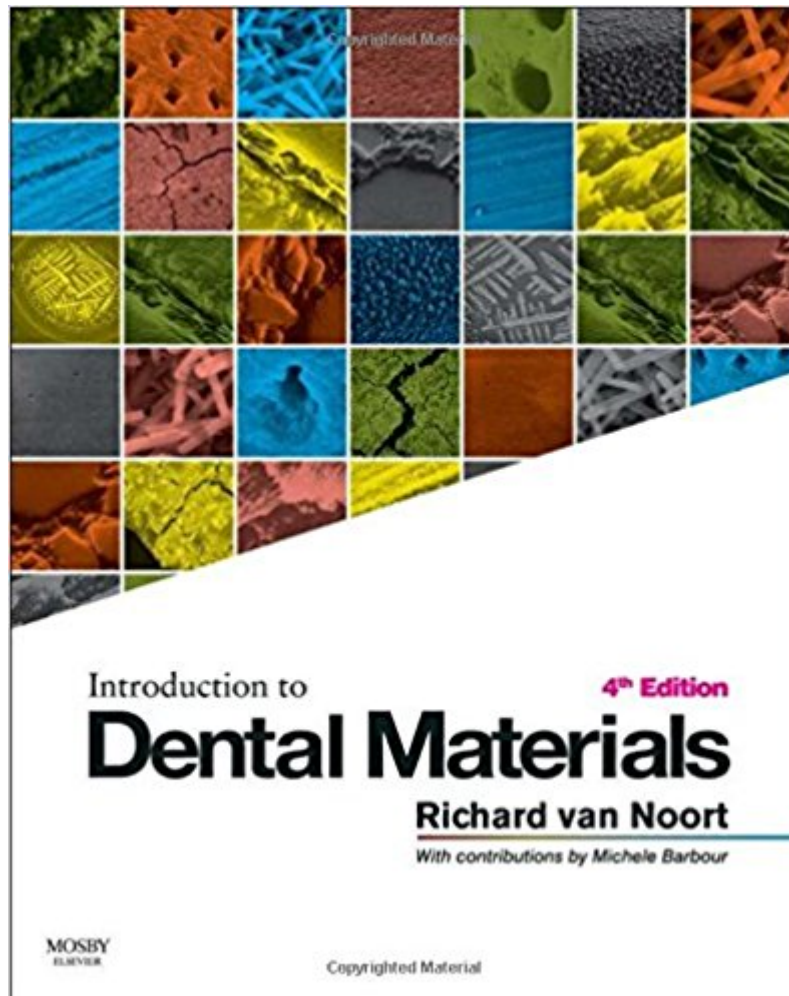




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Introduction To Dental Materials, 4e



Synopsis

Now published with an accompanying on-line self-assessment module, the latest edition of this highly successful textbook presents the core information required for students of dental material science. Designed specifically for BDS exam and equivalent candidates, this book is also suitable for post-graduate students and practitioners with an interest in the field. Characterized by an accessible and friendly style, providing a "need to know" information only – perfect for the busy student! Rich with pull-out boxes, tables, line artworks and photographs Helps the reader recall the underlying basis of the subject – essential facts relating to chemical bonding, metals, ceramics and polymers Ideal preparation for clinical practice - equips the reader with the information required to safely assess the potential of new dental materials Explains the terminology used in the description of material behaviour Explores the use of clinical dental materials including resin bonding to enamel and dentine, impression materials, the principles of adhesion as well as issues relating to pulpal protection and the use of post-core endodontic systems Describes the use of laboratory and related dental materials to enable better communication with the laboratory team Accompanied by an ALL NEW ON-LINE SELF-ASSESSMENT MODULE to provide essential exam practice for all BDS candidates and those taking equivalent exams Includes updated coverage of recent developments in dental biomaterials, including endodontic materials, digital impressions and a useful new chapter on nanotechnology in dentistry Reflects the growing need to be aware of the safety aspects of dental materials and the care that has to be taken when sourcing materials from across the world Fully updated and now published in full colour throughout!

Book Information

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Customer Reviews

"Who would have thought that buying the latest textbook was almost as cool as buying the latest mobile phone? The author, Professor Richard van Noort, lectures dental students at the University of Sheffield. As one of his students, I have been able to witness the Professor's impeccable knowledge of past, present and future dental materials. The great show of enthusiasm and passion he displays as a dental materials university lecturer mirrors every page in his textbook. I used the 3rd edition quite extensively and it was one of my favourite textbooks before the 4th edition came out! Besides the lack of colour, I could not think of many ways that would improve the 3rd edition but how wrong was I? The recent introduction of the 4th edition includes the addition of several mouth-watering features but the pick of the bunch has to be the introduction of an "all new on-line self-assessment module," Credit must be given to Dr Michele Barbour for her role in this new initiative. I must also commend the publishers for ensuring that the whole textbook is now "published in full colour throughout." I personally thrive on colour and was delighted to find out that there had been a significant change in the colour scheme. All in all, this book is nothing short of amazing. It really is a must-buy for all 2nd and 3rd year dental students!" Dental Student, University of Sheffield, Spring 2013

"There are many dental material books out there and in my opinion this has got to be the most straightforward one. I've tried reading numerous other books but they cannot compare to how this book reads - this book is pitched at the correct level. The chapters are simple but effective. I found the schematic diagrams very helpful at demonstrating the difference between particle arrangements in different dental materials. There are also chemical diagrams to demonstrate the different functional groups and their possible interactions. My lecturer highly recommends this book and I have to echo his words. Dental material can be a very dry subject especially for students that haven't done physics at A Level- myself included. This book is great for those who want to understand the fundamentals of the materials we work with or for those who want to read around the subject." Dental Student, University of Birmingham, Spring 2013

"A feature likely to benefit dental students is the online assessment tool accessed through a supplementary website, available when a code from within the book is entered. More than 500 questions can be viewed in either a study mode, where feedback and discussion is offered, or in an assessment mode where questions are encountered under exam conditions. Both can be attempted through three levels of difficulty and are an excellent way to consolidate newly found knowledge on this subject. It is an invaluable resource for an undergraduate to enhance their revision. The book successfully covers all aspects of materials used in the profession from the safety and biocompatibility to clinician application and laboratory-based uses...The book is an

extremely useful tool for dental undergraduates, covering the full curriculum on dental materials in a comprehensive and easily understood manner, aided throughout by high quality full-colour illustrations. Additionally, the book could certainly serve to benefit those sitting postgraduate exams and also more experienced clinicians seeking an aide-memoire. An Introduction to Dental Materials would be a valuable addition to the library of any dentist." British Dental Journal, July 2013

Excellent text with clear descriptions and diagrams. Latest edition is timely and up to date. Would love a kindle version!

This book is an interesting concept, but unfortunately is riddle with mistakes. Those can be useful spotted by a materials scientist or even a materials science student, however they more difficult to be spotted by a dentistry student.

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