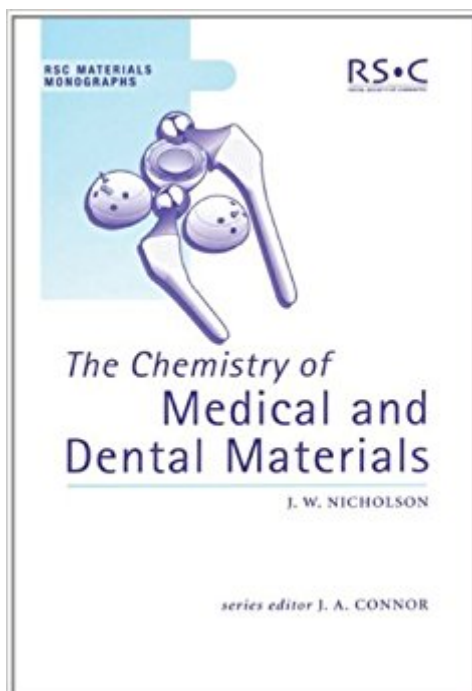


The book was found

# The Chemistry Of Medical And Dental Materials: RSC (RSC Materials Monographs)



## Synopsis

Implants into the human body, such as hip joints, heart valves and dental crowns, have been increasingly used over the last 40 years or so, and many patients have benefited from their use. But how much is known about the metals, ceramics and polymers that are used in these repairs? This book provides a state-of-the-art account of the chemistry of the synthetic materials used in medicine and dentistry. It looks at the properties and interactions of these materials within the body at a molecular level, and includes discussion of bioengineering and cell biology. In addition, there is an account of the surgical procedures used, as well as extensive coverage of the possible biological reactions to the presence of foreign materials in the body. A brief look at the emerging field of tissue engineering completes the text. Fully referenced, with detailed reviews of the current literature, *The Chemistry of Medical and Dental Materials* will be an essential starting-point for all those in academia and industry who are involved in the development of new and improved repair materials.

## Book Information

Series: RSC Materials Monographs (Book 3)

Hardcover: 250 pages

Publisher: Royal Society of Chemistry; 1 edition (July 26, 2002)

Language: English

ISBN-10: 0854045724

ISBN-13: 978-0854045723

Product Dimensions: 6.1 x 0.6 x 9.2 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,649,517 in Books (See Top 100 in Books) #25 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Special Topics > Prosthesis](#) #45 in [Books > Medical Books > Dentistry > Dental Materials](#) #99 in [Books > Medical Books > Medicine > Prosthesis](#)

[Download to continue reading...](#)

The Chemistry of Medical and Dental Materials: RSC (RSC Materials Monographs) Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists, 3e Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists, 2nd Edition Acoustic Microscopy (Monographs on the Physics and Chemistry of Materials) Craig's Restorative Dental Materials, 13e (Dental Materials: Properties & Manipulation (Craig)) Surviving Chemistry Workbook: High School Chemistry: 2015 Revision - with NYS Chemistry Reference Tables The Patient's Medical Journal:

Record Your Personal Medical History, Your Family Medical History, Your Medical Visits & Treatment Plans Infection Control and Management of Hazardous Materials for the Dental Team, 3e (INFECTION CONTROL & MGT/ HAZARDOUS MAT/ DENTAL TEAM ( MILLER)) Atoms in Molecules: A Quantum Theory (International Series of Monographs on Chemistry) A Midsummer Night's Dream (The RSC Shakespeare) Preventing Medical Emergencies: Use of the Medical History in Dental Practice Typical Electron Microscope Investigations (Monographs in Practical Electron Microscopy in Materials Sci) Quantum Mechanics! The How's and Why's of Atoms and Molecules - Chemistry for Kids - Children's Chemistry Books Principles of Colloid and Surface Chemistry, Third Edition, Revised and Expanded (Undergraduate Chemistry: A Series of Textbooks) MCAT Chemistry and Organic Chemistry: Content Review for the Revised MCAT Chemistry: An Introduction to General, Organic, and Biological Chemistry (12th Edition) Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions Sterling DAT General Chemistry Practice Questions: High Yield DAT General Chemistry Questions Physical Chemistry Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) (Engel Physical Chemistry Series) Clinical Chemistry: Techniques, Principles, Correlations (Bishop, Clinical Chemistry)

[Dmca](#)