



**Ebook Directory**  
the best source of ebook

The book was found

# Joint Replacement Technology



## Synopsis

Increasing numbers of joint revision and replacement operations drive the demand for improved prostheses. This book reviews developments in joint replacement technology, covering the most pertinent materials science and engineering issues as well as specific joints, clinical trial results and sterilization techniques. It discusses biomechanics, tribology, and the chemical environment of the body. The text surveys materials and engineering of joint replacement. The second part of the book reviews specific materials, bearing surfaces and bone cements, in addition to the failure mechanisms and lifetime prediction of joints. It also discusses the biological environment and interaction of replacement joints.

## Book Information

Hardcover: 600 pages

Publisher: CRC Press; 1 edition (July 22, 2008)

Language: English

ISBN-10: 142007962X

ISBN-13: 978-1420079623

Product Dimensions: 9.3 x 6.3 x 1.6 inches

Shipping Weight: 2.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #14,907,421 in Books (See Top 100 in Books) #91 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Special Topics > Prosthesis](#) #586 in [Books > Medical Books > Medicine > Prosthesis](#) #5526 in [Books > Engineering & Transportation > Engineering > Bioengineering > Biomedical Engineering](#)

## Customer Reviews

Eastman Dental Institute, UK

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

Temporomandibular Joint Total Joint Replacement – TMJ TJR: A Comprehensive Reference for Researchers, Materials Scientists, and Surgeons Joint Replacement Technology (Woodhead Publishing Series in Biomaterials) Joint Replacement Technology The Hair Replacement Revolution: A Consumer's Guide to Effective Hair Replacement Techniques Joint Replacement in the Shoulder and Elbow Advances in Small Animal Total Joint Replacement (AVS Advances in Veterinary Surgery) Handbook of Camera Monitor Systems: The Automotive

Mirror-Replacement Technology based on ISO 16505 (Augmented Vision and Reality) Blockchain: Step By Step Guide To Understanding The Blockchain Revolution And The Technology Behind It (Information Technology, Blockchain For Beginners,Bitcoin, Blockchain Technology) Fintech: Simple and Easy Guide to Financial Technology(Fin Tech, Fintech Bitcoin, financial technology fintech, Fintech Innovation, Fintech Gold, ... technology,equity crowdfunding) (Volume 1) FINTECH: Simple and Easy Guide to Financial Technology(Fin Tech, Fintech Bitcoin, financial technology fintech, Fintech Innovation, Fintech Gold, Financial services technology,equity crowdfunding) The Patient's Guide To Heart Valve Surgery (Heart Valve Replacement And Heart Valve Repair) Total Knee Replacement and Rehabilitation: The Knee Owner's Manual Replacement Parts: The Ethics of Procuring and Replacing Organs in Humans Hip Replacement Using The Birmingham Hip Resurfacing Procedure: My Experiences Before, During and After What Your Doctor May Not Tell You About(TM) Hip and Knee Replacement Surgery: Everything You Need to Know to Make the Right Decisions (What Your Doctor May Not Tell You About...(Paperback)) Getting Hip: Recovery From A Total Hip Replacement A Patient's Guide to Knee and Hip Replacement: Everything You Need to Know Tight Hip Flexors: The 7 Minute Tight Hip Solution:Simple and Effective Movements That Quickly Release Tight Hip Flexors And Reduce Hip Pain (Hip replacement ... mobility exercises, hip flexor exericeses) Testosterone Replacement Therapy: A Recipe for Success The Definitive Testosterone Replacement Therapy MANual: How to Optimize Your Testosterone for Lifelong Health and Happiness

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)