

## Medical Engineering Information Guide

### E-books

Available via the Books24x7 service in the [IMechE Virtual Library](#)

Computational bioengineering: current trends, Imperial College, 2004

Engineering materials for biomedical applications, World Scientific publishing, 2004

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### Useful Books

ASTM Annual book of standards. Volume 13.01 Medical devices

Black J & Hastings G, Handbook of biomaterial properties

Davis JR, Handbook of materials for medical devices

Directory of the European medical device and biomaterials industry

Dumbleton J H, Tribology of natural and artificial joints

Enderle J D, Introduction to biomedical engineering

Ensminger D, Ultrasonics: fundamentals, technology and applications

Helmus, Michael N., Biomaterials in the design & reliability of medical devices

Hutchings I M, Friction, lubrication and wear of artificial joints

McDicken, Diagnostic Ultrasonics: principles and use of instruments

Rapra, Medical polymers 2005. International conference

Scheller F & Schubert F, Biosensors  
Stallforth H & Revell P, Materials for medical engineering

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[Computer simulations in medical engineering](#), IMechE seminar 2008  
[Engineering the upper limb](#), IMechE seminar 2008  
[Engineers and surgeons joined at the hip](#), IMechE conference 2007  
[Hospital infection control](#), IMechE seminar 2005  
[Incontinence – the engineering challenge](#), IMechE seminar 2007  
[Knee arthroplasty](#), IMechE seminar 2009  
[Mechatronics in medicine, healthcare and rehabilitation](#), IMechE seminar 2003  
[Micro-technologies in microsurgery](#), IMechE seminar 2006

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Biological cybernetics 1988-

Proceedings of the Institution of Mechanical Engineering part H: Journal of engineering in medicine 1971-

Transactions of the ASME: Journal of biomechanical engineering 1996-