"Improving Accuracy in knee Arthroplasty"

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ABSTRACT

Knee arthroplasty is a surgical procedure to replace the weight-bearing surfaces of the knee joint to relieve the pain and disability of osteoarthritis. It may also be performed for other knee diseases such as rheumatoid arthritis and psoriatic arthritis. Improving Accuracy in Knee Arthroplasty discusses new technology allowing the design of implants to be adapted for individual patients. Beginning with an introduction to knee alignment and misalignment, the following sections examine anatomical landmarks in the normal and arthritic knee, instruments, navigation in knee arthroplasty, robotics and soft tissue guided surgery. With contributions from a renowned author and editor team from the UK, USA and Europe, this comprehensive manual includes more than 400 colour images and illustrations.

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