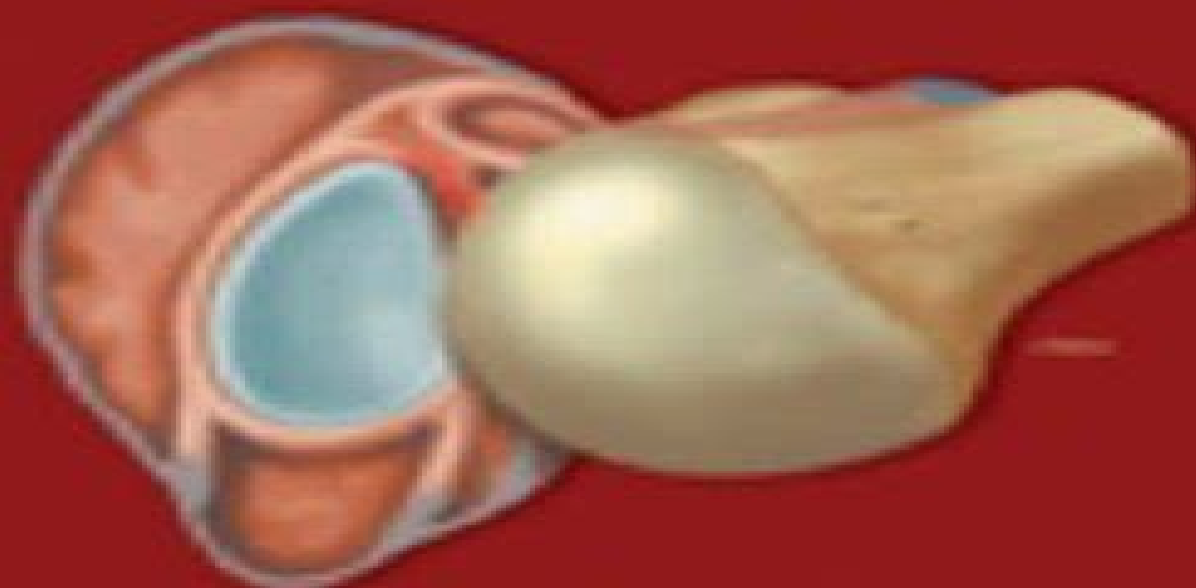


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MAGNETIC RESONANCE IMAGING IN ORTHOPAEDICS AND SPORTS MEDICINE

DAVID W. STOLLER



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Magnetic Resonance Imaging In Orthopedic Sports Medicine

**Mark D. Miller, Jennifer Adele Hart, John
M. MacKnight**

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together and illustrate the spectrum of injury and associated clinical features for specific anatomical areas. Internationally recognized musculoskeletal experts have contributed chapters which provide an imaging and clinical overview of the most relevant joint bone and soft tissue athletic injuries. There is guidance for the reader on why specific injuries occur, how to identify the optimal imaging evaluation and how to interpret the subsequent imaging findings. Acute and overuse injuries are discussed as well as the premature degenerative processes that occur in athletes. State of the art imaging techniques and findings are presented including the use of musculoskeletal ultrasound, conventional MR imaging and MR arthrography. Therapeutic image-guided intervention using fluoroscopy, CT and ultrasound is also discussed. This balance of techniques should allow a clinician whose practice focuses on one particular modality to become aware not only of that technique's abilities but other modalities and their capabilities and limitations.

Leeds, UK Philip Robinson vii Contents 1 Knee Injuries 1 Melanie A Hopper and Andrew J Campbell's Operative Orthopaedics E-Book S. Terry Canale, James H. Beaty, 2012-10-29 Campbell's Operative Orthopaedics by Drs S Terry Canale and James H Beaty continues to define your specialty, guiding you through when and how to perform every state of the art procedure that's worth using. With hundreds of new procedures, over 7 000 new illustrations, a vastly expanded video collection and new evidence-based criteria throughout, it takes excellence to a new level because that is what your practice is all about. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Achieve optimal outcomes with step-by-step guidance on today's full range of procedures from Campbell's Operative Orthopaedics, the most trusted and widely used resource in orthopedic surgery, authored by Drs S Terry Canale, James H Beaty and 42 other authorities from the world-renowned Campbell Clinic. Access the complete contents online with regular updates, view all the videos and download all the illustrations at www.expertconsult.com. See how to proceed better than ever before with 45 surgical videos demonstrating hip revision, patellar tendon allograft preparation, open reduction internal fixation, clavicle fracture, total shoulder arthroplasty, total elbow arthroplasty and more, plus over 7 000 completely new step-by-step illustrations and photos commissioned especially for this edition. Make informed clinical choices for each patient from diagnosis and treatment selection through post-treatment strategies and management of complications with new evidence-based criteria throughout. Utilize the very latest approaches in hip surgery including hip resurfacing, hip preservation surgery and treatment of hip pain in the young adult and get the latest information on metal-on-metal hips so you can better manage patients with these devices. Improve your total joint arthroplasty outcomes by reviewing the long-term data for each procedure and consider the pros and cons of new developments in joint implant technology including customized implants and their effect on patient outcomes. Implement new practices for efficient patient management so you can accommodate the increasing need for high quality orthopaedic care in our aging population.

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