

2011/12



MEDICAL & SCIENCE MEDIA

Orthopedics SOFTWARE

P.O Box 136,

MT DRUITT N.S.W 2770 Australia

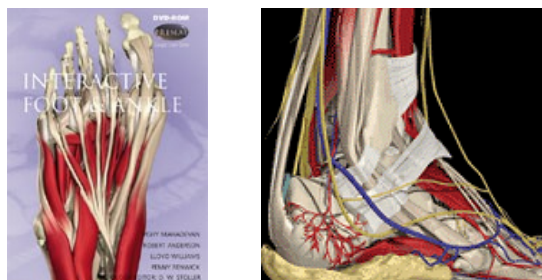
Tele: (02) 9675 7750

Fax: (02) 9675 7702

<http://www.msmedia.com.au/orthopedics-software.php>

[Cat #: PR-2](#)**Interactive Foot and Ankle – Wins & Mac**

Interactive Foot & Ankle is the first and only complete and accurate 3D anatomical model of the lower extremity. Built from a full MR data set of a cadaveric distal lower limb, this 3D model is the definitive resource for podiatrists, surgeons, athletic trainers, occupational therapists and physical therapists.



Accompanying anatomical, clinical and radiology texts link to a wide variety of normal and pathological imagery. This unique CD-ROM includes an MRI chapter where users to view an ankle-joint in 3D with the corresponding MR data displayed in all three planes.

System Requirements: Windows: Pentium-compatible processor (133MHz or faster), Windows 95/98/Me/NT4/2000/XP, Minimum 32MB of RAM, 800 x 600, or greater, more than 256 colour display (e.g. 16 bit, 24 bit, High Colour or True Colour), CD-ROM drive. **Macintosh:** PowerPC 604 processor (200 MHz or faster), Mac OS 8.1 or later, 9.x, OS X 10.1 (runs in classic environment), Minimum of 64MB of RAM, 800 x 600 or greater, Colours more than 256 colour display, CD-ROM drive.

[Cat #: PR-4](#)**Interactive Hand – Wins & Mac**

This second edition of the award winning Interactive Hand provides an accurate, highly detailed and newly revised 3D model of the hand, wrist, forearm and elbow.

New content for this new edition include a revised 3D model with new anatomy, larger, high resolution images, 8 new dissection style views that allow you to add and remove layers as if performing a dissection plus 17 muscle function animations.

New 3D anatomy:

- Brachial Plexus
- Elbow joint
- Lymphatics of the forearm and hand
- Surface anatomy and cutaneous distribution
- Nervous distribution
- Ligament attachments
- Fascia
- Capsules



Plus 8 new dissections views that allow you to add/remove layers as if viewing a dissection, including:

- Carpal tunnel
- Anterior forearm
- Cubital fossa
- Thumb
- Cross section of a nail



And 15 new muscle function animations including:

- Abduction/adduction of the MCP Joints
- Flexion/extension of the MCP and IP joints
- Flexion/extension of the elbow
- Flexion/extension of the wrist

- Opposition
- MP flexion, IP and DIP extension
- Pronation
- Supination

Cross sectional modelling of the wrist in the MRI section and also been completely revised and updated.

Benefits

- Make anatomy more memorable for your students and colleagues using captivating 3D graphics.
- Raise your patients' understanding and compliance using 3D images and clinical slides in consultations and for patient education.

System Requirements: Windows: Pentium-compatible processor (133MHz or faster), Windows 95/98/Me/NT4/2000/XP, Minimum 32MB of RAM, 800 x 600, or greater, more than 256 colour display (e.g. 16 bit, 24 bit, High Colour or True Colour), CD-ROM drive. **Macintosh:** PowerPC 604 processor (200 MHz or faster), Mac OS 8.1 or later, 9.x, OS X 10.1 (runs in classic environment), Minimum of 64MB of RAM, 800 x 600 or greater, Colours More than 256 colour display, CD-ROM drive.

[Cat #: PR-7](#)

Interactive Hip – Wins & Mac

A groundbreaking teaching and reference tool, Interactive Hip features detailed, high-resolution 3D pictures and texts. From the acetabular fossa and surrounding structures to the full blood supply and the nervous innervation of the hip joint and thigh, and more, this complete reference guide is a must-have for every medical practitioner.

23 anatomical layers can be added or stripped away. Each layer is accompanied by texts written by respected authorities in the field. All pictures can be rotated and all visible structures can be highlighted to reveal labels and additional information. An exclusive radiology section enables users to simultaneously view the 3D hip model in three planes along with the correlating MR data.

System Requirements: Windows: Pentium-compatible processor (133MHz or faster), Windows 95/98/Me/NT4/2000/XP, Minimum 32MB of RAM, 800 x 600, or greater, more than 256 colour display (e.g. 16 bit, 24 bit, High Colour or True Colour), CD-ROM drive. **Macintosh:** PowerPC 604 processor (200 MHz or faster), Mac OS 8.1 or later, 9.x, OS X 10.1 (runs in classic environment), Minimum of 64MB of RAM, 800 x 600 or greater, Colours More than 256 colour display, CD-ROM drive.

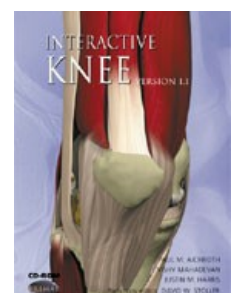
[Cat #: PR-8](#)

Interactive Knee – Wins & Mac

The Interactive Knee CD-ROM contains the most complete and accurate 3D anatomical model of its kind. The Interactive Knee is built from MR source data, creating a reference resource that goes far beyond any traditional textbook. This unique resource tool features an MRI chapter where users can view the 3D model of the knee in three planes as well as the corresponding MR data and radiology text.

Users can visually add or remove 24 anatomical layers from skin to bone, rotate pictures and highlight features at the click of a mouse to read corresponding explanatory texts. Anatomical, biomechanical and pathological texts accompany the 3D models. The models are linked to radiology text written by David W. Stoller, MD. All pictures can be exported into presentation programs for personal (royalty-free) or teaching purposes.

System Requirements: Windows: Pentium-compatible processor (133MHz or faster), Windows 95/98/Me/NT4/2000/XP, Minimum 32MB of RAM, 800 x 600, or greater, more than 256 colour display (e.g. 16 bit, 24 bit, High Colour or True Colour), CD-ROM drive. **Macintosh:** PowerPC 604 processor (200 MHz or faster), Mac OS 8.1 or later, 9.x, OS X 10.1 (runs in classic environment), Minimum of 64MB of RAM, 800 x 600 or greater, Colours



[Cat #: PR-11](#)**Interactive Shoulder – Wins & Mac**

Through a collaborative effort between Johns Hopkins University and the developers, Interactive Shoulder contains a remarkable series of bio-mechanical animations depicting the relative bone positions during a number of typical joint motions. Based on Magnetic Resonance scan data, this unique reference tool includes the most complete 3D model of the shoulder ever created, in remarkable detail. Users can add or peel away anatomical layers from skin to bone and rotate the model at any stage. Surgical and clinical relevance of all structures is covered through comprehensive texts, pictures and clinical photos. Users can view the 3D model in three planes accompanied by corresponding MR data and links to radiology text.

System Requirements: Windows: Pentium-compatible processor (133MHz or faster), Windows 95/98/Me/NT4/2000/XP, Minimum 32MB of RAM, 800 x 600, or greater, more than 256 colour display (e.g. 16 bit, 24 bit, High Colour or True Colour), CD-ROM drive.
Macintosh: PowerPC 604 processor (200 MHz or faster), Mac OS 8.1 or later, 9.x, OS X 10.1 (runs in classic environment), Minimum of 64MB of RAM, 800 x 600 or greater, Colours More than 256 colour display, CD-ROM drive.

[Cat #: CH-36](#)**Ortho-Challenger: The Shoulder - Wins****A Complete Course in Primary Care Orthopedics of the Shoulder**

Ortho-Challenger: The Shoulder is intended for all physicians, emergent and primary care providers and specialists, who require orthopedic information about the shoulder.

Ortho-Challenger: The Shoulder features multiple integrated video segments that illustrate real-time diagnostic techniques. Topics covered include shoulder anatomy, the clinical presentations of shoulder injury, the evaluation and analysis of the shoulder, and shoulder examination (including preliminary examination, resisted movements, and palpation).

Table of Contents:**Examination**

- Preliminary Examination
- Resisted Movements
- Palpation

Identifying Shoulder Disorders

- Introduction
- Stability: Atraumatic Instability of the Shoulder
- Stability: Glenohumeral Joint Stability
- Lesions of the Shoulder Girdle
- Arthritis
- Tendonitis
- Bursitis
- Miscellaneous Disorders

Treating Shoulder Disorders

- Shoulder Instability
- Lesions of the Shoulder Girdle
- Calcifications
- Arthritis
- Tendonitis
- Bursitis
- Rotator Cuff Disorders



Differential Diagnosis of Shoulder Disorders

- Patient Presentations: Part 1
- Patient Presentations: Part 2

In medicine the best tools are the most versatile and easiest to use. If you're one of the thousands of physicians seeking clinical review, CME credit hours, or a quick and modern clinical reference resource, wouldn't you like a tool to fulfill all your needs? Look no further. Ortho-Challenger: The Shoulder, like all Challenger products, provides the resources and functionality you need in one, cost-effective, easy-to-use, go-anywhere package.

Ortho-Challenger: The Shoulder consists of state-of-the-art clinical information in 4 chapters covering 20 essential topics in the orthopedics of the shoulder. You will appreciate cutting-edge clinical text, imagery, and 100 interactive questions and answers with instant remediation feedback. In addition to nearly 80 high-resolution images, Ortho-Challenger: The Shoulder features 34 video segments designed by the author to aid in the explanation of techniques used in the examination, diagnosis, and treatment of shoulder disorders.

The educational objectives of the Ortho-Challenger: The Shoulder training program are as follows. On completing the program, the medical practitioner should be able to:

1. Evaluate and analyse shoulder anatomy and clinical presentations of shoulder injury through examination including: Preliminary Examination, Resisted Movements, and Palpation
2. Identify Shoulder Disorders involving the following:
 - Stability
 - Lesions of the Shoulder Girdle
 - Arthritis
 - Nerve Lesions
 - Tendonitis
 - Bursitis
 - Miscellaneous Disorders
3. Prescribe Treatment for Shoulder Disorders involving:
 - Disorders of Stability
 - Lesions of the Shoulder Girdle
 - Calcifications
 - Arthritis
 - Tendonitis
 - Bursitis
 - Rotator Cuff
4. Perform Differential Diagnosis of Shoulder Disorders
5. Demonstrate mastery of the knowledge and cognitive skills required to achieve objectives 1-4 by scoring at least 80% on all topics studied for CME credit.



System Requirements: Windows 2000 sp4+, XP sp1+ (Home, Professional or MCE) or Vista (Home Basic/Premium, Business or Ultimate) (Windows 2000 or XP sp2 preferred). Pentium III - 1GHz or faster, 24X CD-ROM drive or faster, Video Card and Monitor capable of at least 1024x768 resolution; Sound Card and Speakers, Microsoft Mouse or compatible pointing device. Windows 2000 sp4+, or Windows XP sp1+ (Home/Prof/MCE): 512MB or greater, Windows Vista (Home Basic/Premium, Business, or Ultimate): 1GB or greater. Run from CD-ROM: 1MB with CD-ROM, Full Installation: Amount varies with each product. Microsoft Internet Explorer 6.x or Internet Explorer 7.x, Netscape Navigator 7.x or later, Mozilla Firefox 1.x or later. Sun Java2 (JRE) 1.4.2_07 - 1.4.2_16. Internet Access with a 56K modem or faster (DSL, Cable, Broadband, etc.). Macromedia Flash 6 player or later, A media player* with codecs for ".mp3" audio and ".mpg" MPEG1 video/audio.

[Cat #: CH-37](#)

Ortho-Challenger: The Elbow - Wins

A Complete Course in the Primary Care Orthopaedics of the Elbow

Ortho-Challenger: The Elbow is intended for all physicians, emergent and primary care providers and specialists, who require orthopaedic information about the elbow.

Ortho-Challenger: The Elbow features multiple integrated video segments that illustrate real-time diagnostic techniques. Topics covered include history, clinical examination, palpation, identification and treatment of elbow disorders, differential diagnosis of elbow lesions, and nerve lesions about the elbow.

Table of Contents:

Examination of Elbow Lesions
 History
 The Preliminary Exam
 Clinical Examination: Passive Movements and Endfeel
 Clinical Examination: Resisted Movements
 Clinical Examination: Palpation
 Identifying Elbow Disorders
 Joint Lesions
 Non-capsular Lesions
 Muscular-tendinous Lesions
 Treatment of Elbow Disorders
 Diagnosis and Treatment of Tennis and Golfer's Elbow
 Differential Diagnosis of Elbow Lesions
 Nerve Lesions About the Elbow



In medicine the best tools are the most versatile and easiest to use. If you're one of the thousands of physicians seeking clinical review, CME credit hours, or a quick and modern clinical reference resource, wouldn't you like a tool to fulfil all your needs? Look no further. Ortho-Challenger: The Elbow, like all Challenger products, provides the resources and functionality you need in one, cost-effective, easy-to-use, go-anywhere package.

Ortho-Challenger: The Elbow consists of state-of-the-art clinical information in 6 chapters covering 12 essential topics in the orthopaedics of the elbow. You will appreciate cutting-edge clinical text, imagery, and 80 interactive questions and answers with instant remediation feedback.

In addition to nearly 60 high-resolution images, Ortho-Challenger: The Elbow features 28 video segments designed by the author to aid in the explanation of techniques used in the examination, diagnosis, and treatment of elbow disorders. Ortho-Challenger: The Elbow also includes a special section on tennis and golfer's elbow.

The educational objectives of the Ortho-Challenger: The Elbow training program are as follows. On completing the program, the medical practitioner should be able to:

1. Evaluate and analyse elbow anatomy and clinical presentations of elbow injury through examination including: history, clinical examination, and palpation.

2. Identify elbow disorders involving the following:

- joint lesions
- non-capsular lesions
- muscular-tendinous lesions
- tennis elbow and golfer's elbow

3. Prescribe treatment for elbow disorders involving:

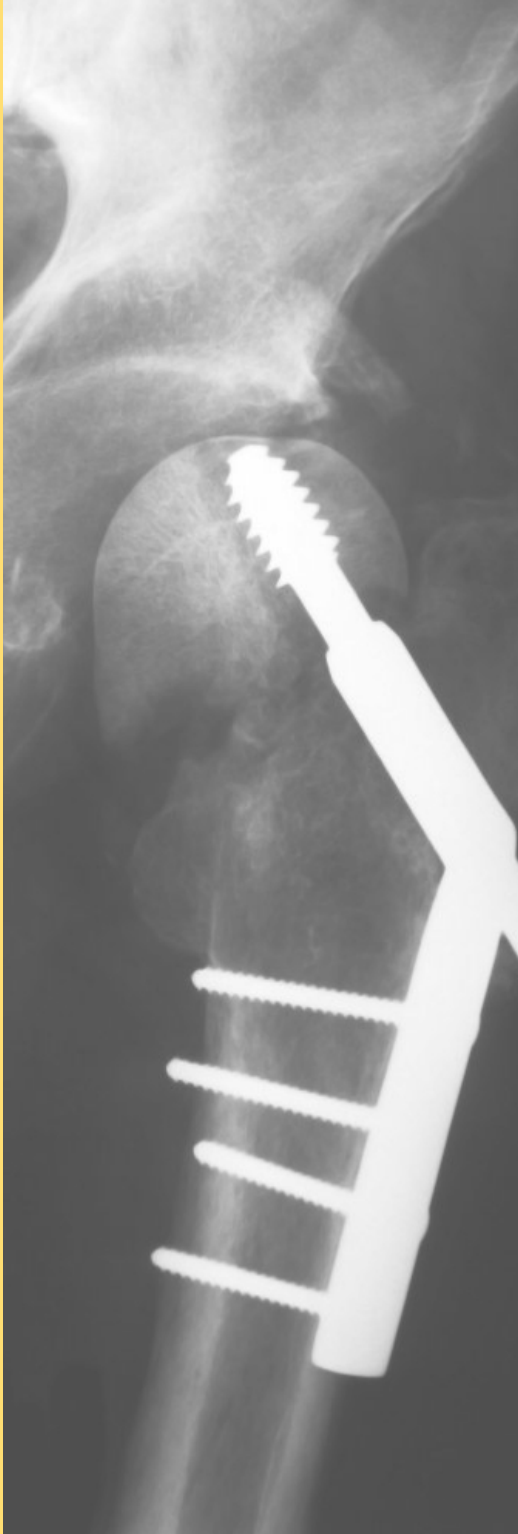
- joint lesions
- non-capsular lesions
- muscular-tendinous lesions
- tennis elbow and golfer's elbow

4. Perform differential diagnosis of elbow disorders.



5. Demonstrate mastery of the knowledge and cognitive skills required to achieve objectives 1-4 by scoring at least 80% on all topics studied for CME credit.

System Requirements: Windows 2000 sp4+, XP sp1+ (Home, Professional or MCE) or Vista (Home Basic/Premium, Business or Ultimate) (Windows 2000 or XP sp2 preferred). Pentium III - 1GHz or faster, 24X CD-ROM drive or faster, Video Card and Monitor capable of at least 1024x768 resolution; Sound Card and Speakers, Microsoft Mouse or compatible pointing device. Windows 2000 sp4+, or Windows XP sp1+ (Home/Prof/MCE): 512MB or greater, Windows Vista (Home Basic/Premium, Business, or Ultimate): 1GB or greater. Run from CD-ROM: 1MB with CD-ROM, Full Installation: Amount varies with each product. Microsoft Internet Explorer 6.x or Internet Explorer 7.x, Netscape Navigator 7.x or later, Mozilla Firefox 1.x or later. Sun Java2 (JRE) 1.4.2_07 - 1.4.2_16. Internet Access with a 56K modem or faster (DSL, Cable, Broadband, etc.). Macromedia Flash 6 player or later, A media player* with codecs for ".mp3" audio and ".mpg" MPEG1 video/audio.



P.O Box 136,

MT DRUITT N.S.W 2770

Australia

Tele: (02) 9675 7750

Fax: (02) 9675 7702

<http://www.msmedia.com.au>