

Complete human anatomy in 3D

ACCESS a fully labelled, high resolution and interactive 3D computer graphic anatomy models of the entire human body. Choose from a variety of different 3D model views, rotate models 360 degrees and add or strip away layers of anatomy to view all structures from bone to skin.

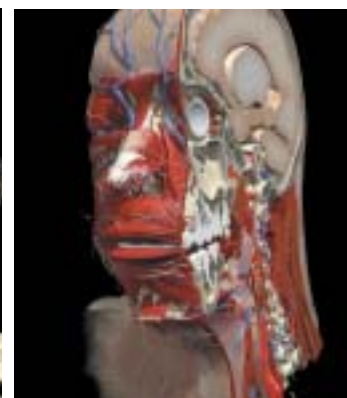
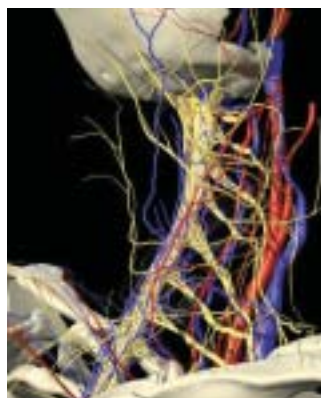
In addition the 3D model is supplemented by explanatory anatomy text, an interactive MRI section that allows you to link the 3D modelling with the equivalent MRI in 3 planes, a set of high resolution dissection slides, surface anatomy videos, some diagrams, clinical slides and 3D animations.

Edit functions allow you to export any image into your own presentations, lectures and patient information.

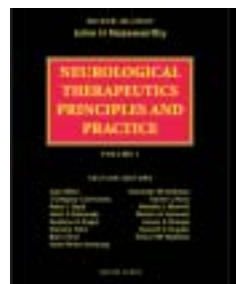
Register for a free online trial to preview the software at www.anatomy.tv

Special offers for ACNR readers: Interactive Spine CD-ROM only \$99, Interactive Head & Neck CD-ROM only £99, Please quote ACNR304 for discount.

For more information contact Sam Huggins at: Primal Pictures Ltd, 2nd Floor Tennyson House, 159/165 Great Portland Street, London W1W 5PA Tel. 020 7637 1010 E-Mail: sam@primalpictures.com



Neurological Therapeutics: Principles and Practice



THIS 2-volume textbook, edited by John Noseworthy, addresses the treatment of patients with neurological disease. It is a comprehensive reference for adult and pediatric neurologists, trainees, and other physicians who treat neurological patients.

With 345 authors, 271 chapters in 14 sections, and over 3000 pages it is comprehensive in its scope. Chapters cover particular conditions, detailing epidemiology, aetiology, pathogenesis, genetics, clinical features, investigation findings and natural history, as well as therapeutics. It uses a systematic approach to the evidence base for treatment.

A companion volume, 656 pages containing 600 graphics from the book for ease of use is included.

For more information contact Martin Dunitz on Tel. 0207 842 2001, or see the web site, www.tandf.co.uk/books

From science to practice

THE ninth in the 'from science to practice' series BGS SIG Parkinson's disease conference, revisits two difficult areas for clinical practice - current research on why people with Parkinson's disease fall and what we can do about it, and palliative care, starting with the ethical and legal framework for end-of-life decisions.

Parkinson's disease nurse specialists have greatly improved the quality of life for patients and carers as well as hard-pressed medical staff. We will review where we are with this initiative and ask 'What are the threats and challenges for the future?'

For more information and to register for this conference, please contact MEP Ltd on 020 7561 5400 or info@mepltd.co.uk

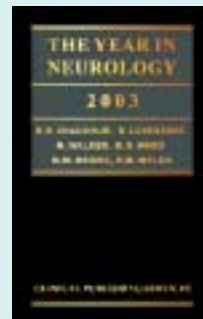
Competition winners

CONGRATULATIONS to Dr JH Tho, SPR in Clinical Neurophysiology, London, and Dr Ismael Mohammed Bin-Jaliah, Researcher, Birmingham, who each won a copy of The Year in Neurology 2004 in our competition last issue.

'The Year in Neurology 2004' was published on 29 February. Now in its third year, The Year in Neurology 2004 retains the tried and tested structure of previous volumes, whereby an expert team of authors comment on over 150 recent papers selected from the world's leading journals. Keeping abreast of the vast number of papers published in neurology is a difficult task - this title helps ensure that busy clinicians can gain access in one volume to many more journals than he or she can easily scan, is guided towards the landmark papers, and is given a view of their implications for his or her own clinical practice.

Concise and easy to read, the text reflects the rapid changes in this fast-moving field, providing all those working or training in the area of neurology with an up to date, working guide.

For further information contact: Anthony Gresford, Clinical Publishing Services, Tel: + 44 1865 811116 Fax: +44 1865 251550, E-Mail: info@clinicalpublishing.co.uk



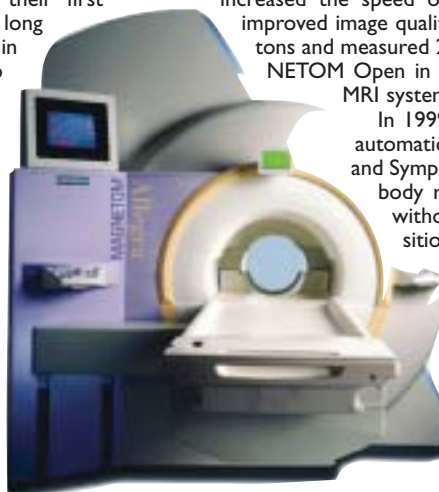
From a red pepper to a view inside the human brain

MORE than 25 years ago, scientists at Siemens made their first experiments in Magnetic Resonance Imaging (MRI). It is a long way from generating that first image of a red pepper in a wooden hut on the Siemens research facilities to introducing the Total imaging matrix (Tim) technology at this year's RSNA.

The first image of the head was generated in March 1980 requiring an acquisition time of eight minutes. The first clinical MRI by Siemens was installed in Germany in 1983 at the Medizinische Hochschule Hannover (Medical College in Hannover). At that time, a complete examination took as much as 1½ hours.

The development of super-conductive magnets

MAGNETOM Allegra was especially developed for advanced neuro studies focusing on brain imaging with Magnetic Resonance Tomography (MRT). As a consequence, the system is able to display various ways of neurological applications bringing advantages especially for functional MRT and MR-spectroscopy and equally for all techniques that need higher resolution or speed. Around 30 Allegra-systems are being used worldwide.



increased the speed of image generation, simplified installation and improved image quality. However, the magnets weighed as much as 8 tons and measured 2.55 meters in length. The introduction of MAGNETOM Open in 1993 made Siemens the first to offer an open MRI system to benefit claustrophobic patients.

In 1999, Siemens coupled their IPA coil concept with automatic table movement for MAGNETOM Harmony and Symphony. Since then, complete examinations of large body regions - for example the spine - are possible without extensive and uncomfortable patient repositioning.

Advances in MRI scanners mean that today's neurologists, psychologists and neurosurgeons can gain new insights into the functions as well as metabolic processes of the brain using functional magnetic resonance imaging (fMRI) - particularly with the newer range of Ultra high field systems.

For more information please contact Mike Bell, Siemens Medical Solutions, Tel. 01344 396317, www.siemens.co.uk/medical