

2017 AANMS Cross-Sectional Anatomy Course
Friday, 12 May – Sunday, 14 May 2017

The Langham Hotel
Melbourne

Course Aims

The specialty of Nuclear Medicine has rapidly evolved in recent years to encompass both functional and anatomical imaging. It is now considered vital that nuclear medicine physicians have a better understanding of cross-sectional anatomy to better interpret PET and SPECT fused images. The aim of this 3 day intensive cross-sectional anatomy course is to give nuclear medicine physicians some practical, applied anatomy knowledge for this setting. The anatomy that is taught has been specifically identified by the lecturers and nuclear medicine physicians as the most important areas currently required in the field. As well as cross-sectional anatomy, the Course also contains macroscopic anatomy with wet specimen images and diagrams to help contextualise the cross-sectional anatomy.

Each lecturer is a respected expert in both cross-sectional imaging and functional anatomy teaching. The Course aims to give a minimum comprehensive overview of the subject and will give attendees some very good insights into SPECT/CT and PET/CT cross-sectional anatomy. Please note that the Course does *not* provide anatomy training at a level required for independent reporting of cross-sectional images. Furthermore, due to time constraints, **the Course also does not cover pathological anatomy**. There will, however, be illustrative cases and case-based interactive tutorials to help contextualise teaching points. The Course has undergone improvements and topic changes in most years, so that both new and returning attendees will come away from this Course with a greater knowledge of applied anatomy useful for nuclear medicine practice.

Course Content

The three days of the Course cover the following major topics:

Approach to CT Image Interpretation, MSK Imaging, Head & Neck, Skull Base, Chest (including an interactive tutorial), Introductory CTCA Anatomy, Upper Abdomen, Abdomen – Liver Segments, Brain Anatomy (including an interactive tutorial), Spine, Pelvis.

The head and neck lectures focus on lymph nodes, the pharynx and larynx, and the remaining lectures cover core information on the normal anatomy of the spine, skull base, brain, chest, abdomen and pelvis. *In 2017, there will be an expanded MSK imaging lecture, the chest lecture will cover the 8th edition of the AJCC/WICC tumour nodal staging system, and there will be a new lecture devoted specifically to liver segments.*

Lecture outlines will be given to attendees prior to the course so that participants will be aware of the topics covered and can undertake pre-course review and reading if desired. Participants will have plenty of opportunities to ask questions and review with the lecturers the normal CT appearance of anatomical structures, and there will be interactive tutorials where participants can test their knowledge of brain and chest anatomy.

As in previous years, purchase of the CD-based self-paced anatomy learning program, *Anatomeia*[™] is highly recommended. *Anatomeia*[™] is produced by the University of Melbourne, and will be used in some lectures on the chest and pelvis. *Anatomeia*[™] will also help participants build on their learning afterwards. Further information about what it offers and how to purchase it is available at: www.anatomeia.com

Speakers

Dr Robin Cassumbhoy, MB BS, FRANZCR, Sessional Radiologist, DiagnostiCare Radiology, East Keilor; St Vincent's Hospital Melbourne; Western Health

Dr Andrew Patrikeos, MB BS, FRANZCR, MRCP, FAANMS, Staff Radiologist and Nuclear Medicine Physician, Perth Radiological Clinic, Perth

Professor Alex Pitman, BMedSci, MB BS, MMed (Rad), FRANZCR, FAANMS, Professorial Fellow, Rural Clinical School, University of Melbourne; Adjunct Professor (Medical Imaging), University of Notre Dame Australia; Director of Medical Imaging, Goulburn Valley Health, Shepparton, Victoria

Course Convener

Dr Myles Webb, MB BS, FRACP, FAANMS, Nuclear Medicine Physician, Queensland Nuclear Imaging; Nuclear Medicine Physician, Queensland X-Ray PET Suite