

2019 AANMS Cross-Sectional Anatomy Course

Friday, 10 May – Sunday, 12 May 2019

Melbourne Convention and Exhibition Centre
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 good understanding of cross-sectional anatomy to better interpret PET and SPECT fused images. The aim of this three 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.

Each lecturer is a respected expert in teaching of cross-sectional anatomy. 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 to help contextualise teaching points, and relevant staging for some tumour types.

The Course has evolved continuously since its inception in 2006 to meet the needs of nuclear medicine physicians and other attendees, 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. The content has also been extremely beneficial for participants from other disciplines, especially Part 1 radiology trainees and radiation oncology.

In 2019, we are very pleased to introduce a number of new lectures and lecturers, as outlined below.

Course Content

The three days of the Course cover the following major topics: Approach to CT Image Interpretation, Musculoskeletal Imaging, Head and Neck, Skull Base, Chest, Introductory CTCA Anatomy, Abdomen, Liver Segments, Brain Anatomy, Neuroanatomy of Dementia, Prostate Anatomy (including MRI and PI-RADS classification), PSMA PET/CT, Spine, Pelvis.

The head and neck lectures focus on lymph nodes, the pharynx and larynx with (*new in 2019*) addition of the oral cavity, and head and neck SCC staging / applied anatomy. *Also new in 2019 are lectures on the neuroanatomy of dementia, prostate anatomy and PSMA PET/CT*. The remaining lectures cover core information on the normal anatomy of the spine, skull base, brain, chest, abdomen and pelvis.

Lecture outlines will be available 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 recommended. *Anatomeia*™ is produced by the University of Melbourne. Further information about what it offers and how to purchase it is available at: www.anatomeia.com.

Course Convener and Speaker

Dr Myles Webb, MB BS, FRACP, FAANMS

Nuclear Medicine Physician, Queensland Nuclear Imaging; Nuclear Medicine Physician, Queensland X-Ray PET Suite

Speakers

Dr Grace Carpenter, BSc, MD, GradDipSurgAnat

Hospital Medical Officer, Northern Health

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

Director of Imaging, Northern Beaches Medical Imaging, Northern Beaches Hospital, Sydney; Professorial Fellow, Rural Clinical School, University of Melbourne; Adjunct Professor (Medical Imaging), University of Notre Dame Australia; Honorary Professorial Fellow, Northern Clinical School, University of Sydney

Associate Professor Tom Sutherland, MB BS(Hons), MMed, GDipClinEdu, FRANZCR

Abdominal Radiologist, St Vincent's Hospital Melbourne; University of Melbourne