

Imaging of the Foot and Ankle – 2 Day Workshop

The Imaging of the Foot and Ankle course is a two-day advanced multi-professional course. It promotes skills and knowledge development in relation to imaging, in the diagnosis and management of foot and ankle conditions.

Endorsement by the Society and College of Radiographers (CPD Now) and Society of Chiropractic and Podiatry has been applied for.

Overview

The course is delivered by a highly experienced multi-professional team from the University of Salford and key clinical partners, and is hosted by Salford Professional Development Ltd. It is delivered within the Susan Hall Imaging Facility at the University of Salford, one of the best equipped on-campus imaging facilities in the UK. The programme is designed to facilitate sharing of good practice, practical image viewing and case review, and practical demonstrations of radiographic technique.

Agenda

This course is suitable for all health professionals engaged in foot and ankle diagnosis, in particular experienced podiatrists, podiatric surgeons, advanced practitioner radiographers and specialist physiotherapists.

	DAY 1
09.15-09.30	Overview, Welcome Introductions, aim / objectives, set clinical scene, relate to clinical guidelines (eg. NICE)

09.30-10.45	<p>Practical session 1 - Radiographic Imaging of the 'normal' Foot and Ankle</p> <p>Standard projections, specialist projections, imaging terminology, poor technique and its consequences, challenges for the radiographer (x-ray room demonstration)</p>
11.15-12.00	<p>Imaging of bone in health and disease</p> <p>Normal appearance of bone, generalised or localised bone density (normal, reduced, increased), periosteum (normal, raised etc), alignment etc and possible causes (infection, endocrine, osteoporosis, tumour, cysts etc)</p>
12.00-13.00	LUNCH
13.00-14.00	<p>Practical session 2 - Image appreciation of 'normal'</p> <p>Normal variants and some abnormal – ABCs, use appropriate terminology, identify particular bones, describe pathology using appropriate language, identify poor technique</p>
14.00-14.45	<p>Musculo-skeletal conditions</p> <p>Conditions affecting the foot – overview of MSK conditions and role of imaging</p>
14.45-15.15	BREAK
15.15-16.00	<p>Rheumatological conditions</p> <p>Conditions affecting the foot – overview of rheumatology conditions and role of imaging.</p>
16.00-17.00	Practical session 3 - MSK and Rheumatology

	Pathology examples - MSK and rheumatological – identify pathology, locate / describe with appropriate terminology
	DAY 2
09.15-10.00	Trauma of the foot and ankle Conditions affecting the foot and ankle – Trauma. Fractures, dislocations, subluxation (plain film)
10.00 -11.00	Requesting imaging examinations – do’s and don’ts Underpinning radiation science and radiation dose awareness. Protocols for requesting radiographs (workshop sharing examples)
11.00-11.30	BREAK
11.30-12.30	Diabetes-related conditions Conditions affecting the foot – Diabetic-related conditions including diabetic neuropathic arthropathy (Charcot), tendonopathies and osteomyelitis
12.30-13.15	LUNCH
13.15-14.15	Practical session 4 – diabetes and trauma Pathology examples – Diabetes-related conditions and Trauma. Identify pathology, locate it and describe it using appropriate terminology

14.15-14.45	Advanced Imaging of the Foot and Ankle Relative merits and limitations of MR, CT, US, NM. Recommended patient pathways.
14.45-15.00	BREAK
15.00-16.15	Case studies and red flags Case studies and red flag radiographic signs for urgent reporting
16.15-16.30	Summary and evaluation

Learning Outcomes

In relation to radiographic imaging of the foot and ankle, at the end of the course the delegates will be able to:

- Compare and contrast the aetiology, patho-physiology and image appearances of diabetes-related conditions, musculo-skeletal pathology, rheumatological conditions and trauma
- Critically appraise routine and specialist radiographic imaging projections for patient positioning and image quality
- Develop advanced skills and knowledge for requesting and justifying appropriate imaging under protocol
- Appraise specialist terminology related to radiology requests and reports
- Evaluate images, distinguish and justify normal, normal variants and abnormality
- Identify cases of urgent need for referral or reporting (red flags)
- Articulate how advanced imaging procedures complement radiographic imaging
- Develop a multi-professional perspective on the diagnosis and management of acute and chronic foot conditions

If you are interested in learning more about this Imaging of the Foot and Ankle Intense course or other courses available, please contact us on 0845 431 0433 or cpd@salford.ac.uk