CME Session 8
Bone & Joint Committee
Monday, October 17, 16:45-18:15

Session Title
Early Bone Scan Imaging – Let’s Go 3D!

Chairpersons
David Morland (Reims, France)
Lidija Antunovic (Milan, Italy)

Programme
16:45 - 17:00 Pascaline Jallerat (Paris, France): From 3 Phases in 2D to 2 Phases in 3D
17:00 - 17:15 Sarah Cade (Bath, United Kingdom): Technical Aspects of Multiphase Imaging
17:15 - 17:45 Nicolas Icard (Saint-Brieuc, France): Early Bone SPECT - New Insights on Orthopaedics and Post-Operative Skeleton
17:45 - 18:15 Jules Zhang-Yin (Arlon, Belgium): Usefulness of Early Bone SPECT in Rheumatological Pathologies and Pain of Unknown Origin

Educational Objectives
1. Highlight the inherent limitations of 2D early phase bone imaging
2. Raising awareness of the technical side of early bone SPECT acquisitions
3. Give practical examples of the value of early-phase SPECT

Summary
Bone scintigraphy has been revolutionized by the advent of SPECT/CT. However, this type of acquisition is very often confined to the delayed phase of the bone scan, the early tissular acquisitions being most often performed in planar mode. However, early SPECT/CT acquisitions are possible and provide added value compared to planar acquisitions, both in nuclear orthopaedics and rheumatology.

Key Words
SPECT, early-phase, orthopedics, rheumatology