



CME Session 9

Bone and Joint Committee and Physics Committee

Tuesday, September 12, 08:00-09:30

Session Title

Current Bone SPECT/CT (including 360 CZT)

Chairpersons

Richard Graham (Bath, UK)

Barbara Katharina Geist (Vienna, Austria)

Programme

08:00 - 08:20 **David Little** (Bath, UK): 360 CZT Bone SPECT/CT how to report it and case examples

08:20 - 08:45 **Isabella Bruno** (Bari, Italy): CT findings in SPECT/CT – bone and incidental

08:45 - 09:10 **Stewart Redman** (Bath, UK): Extent of scan in SPECT/CT Whole body vs single and multiple fields of view

09:10 - 09:30 **Stijn De Schepper** (Antwerp, Belgium): SUV in Bone SPECT/CT

Educational Objectives

1. To be able to describe the advantages of 360 CZT SPET/CT in bone applications
2. To be able to appreciate the advantages and disadvantages of small versus large fields of view in bone SPECT/CT
3. To understand how SUV is calculated and its relevance in bone SPECT/CT

Summary

The session will cover the current best practice in bone SPECT/CT and demonstrate the advantages that are afforded by 360 CZT cameras. Incidental CT findings in SPECT/CT will be highlighted as well as the relevance of SUV.

Key Words

Bone; SUV; SPECT/CT; 360 CZT