

*Düsseldorf, Germany*

**CME 10 (Bone&Joint) - Interactive**  
**Tuesday, October 16, 11:30-13:00**

**Session Title**

**How Much Radiology Do We Need in Bone and Joint Multi-Modality Imaging?**

**Chairs**

Gopinath Gnanasegaran (London)  
Tim van den Wyngaert (Edegem)

**Programme**

11:30 - 12:00 Klaus Strobel (Lucerne): How Much CT is Needed for Bone & Joint SPECT/CT?

12:00 - 12:30 Frédéric Paycha (Paris): How to Settle Anatomic and Functional Discrepancies  
in SPECT/CT and PET/CT?

12:30 - 13:00 Lars Stegger (Münster): The Role of PET/MR in MSK Imaging

**Educational Objectives**

1. To learn how much CT is needed for bone&joint SPECT/CT
2. To learn how to settle anatomic and functional discrepancies in SPECT/CT and PET/CT
3. To learn the role of PET/MR in musculoskeletal imaging

**Summary**

Hybrid bone&joint SPECT/CT, PET/CT and PET/MR imaging provides metabolic and morphologic information in one exam. In the first talk of this CME session we focus on the CT part of SPECT/CT and discuss appropriate CT protocols for different bone&joint SPECT/CT applications. In the second part we discuss how to deal with putative discrepancies between functional and anatomic information of SPECT/CT and PET/CT examinations and provide examples how to overcome these discrepancies and provide a conclusive report. The third talk gives an overview on the current role of PET/MR in musculoskeletal imaging mainly addressing malignant primary bone tumors.

**Key Words**

SPECT/CT, PET/CT, PET/MR, bone&joint