Joint Symposium 1
Bone & Joint + Inflammation & Infection + Paediatric Committee / European Society of Musculoskeletal Radiology (ESSR)
Accessible on-demand at any time

Session Title
PET/MRI in MSK - Be Hybrid!

Chairperson
Emmanouil Panagiotidis (Thessaloniki, Greece)

Programme
19 min Luca Sconfienza (Milan, Italy / ESSR): MR Protocols for Hybrid PET/MRI in MSK
20 min Lina Garcia Canamaque (Madrid, Spain): PET/MRI in MSK Malignant Diseases
21 min Simon Wan (London, United Kingdom): PET/MRI in MSK Benign Conditions
27 min Salvatore Annunziata (Rome, Italy): PET/MRI in MSK - Be Hybrid!
3 min Session Summary by the Chairperson

Educational Objectives
1. To understand the clinical indications of MRI and PET/MRI in musculo-skeletal conditions (MSK)
2. To show advantages and limitations of combined simultaneous PET/MRI in malignant MSK disease.
3. To learn the performance of PET/MRI in benign and infection/inflammation MSK conditions.

Summary
PET/MRI is a hybrid imaging modality mainly for neurological and oncological applications. However, there are several other conditions that are benefiting from this method.
In the first lecture a Radiologist will give an overview about MSK MR protocols applied to PET/MRI.
In the second talk the role of PET/MRI in regards to malignant MSK diseases will be discussed.
In the third talk the characteristics of benign MSK conditions demonstrated by PET/MRI will be discussed.
In the fourth talk rationale and applications for PET/MRI in MSK will be summarized.

Key Words
PET/MRI, MSK, muscle, skeleton