

Barcelona, Spain

Annual Congress of the
European Association of Nuclear Medicine

October 12 – 16, 2019
Barcelona, Spain

CME 5

Oncology & Theranostics + Bone & Joint Committee

Monday, October 14, 08:00-09:30

Session Title

Radionuclide Molecular Imaging in Bone Tumours and Multiple Myeloma - Pearls, Patterns & Pitfalls

Chairpersons

Gopinath Gnanasegaran (London, United Kingdom)

Frédéric Paycha (Paris, France)

Programme

08:00 - 08:30 Tim van den Wyngaert (Edegem, Belgium): Radionuclide Molecular Imaging in Primary Bone Tumours

08:30 - 09:00 Gopinath Gnanasegaran (London, United Kingdom): Radionuclide Molecular Imaging of Bone Metastases

09:00 - 09:30 Cristina Nanni (Bologna, Italy): Radionuclide Molecular Imaging in Multiple Myeloma

Educational Objectives

1. To review the current role of Radionuclide hybrid imaging in Primary Bone Tumours
2. To review the current role of SPECT & PET tracers, SPECT/CT & PET/CT in imaging Bone Metastases
3. To review the current role of Radionuclide hybrid imaging in Multiple Myeloma

Summary

Hybrid imaging with SPECT & PET tracers provides structural and functional information in a single examination. The first talk will provide an overview of classical features, advantages and limitations of radionuclide molecular imaging in primary bone tumours and will provide a diagnostic algorithm in assessing these patients. The second talk will review the pathophysiology, advantages, and limitations of SPECT & PET tracers and the role of SPECT/CT & PET/CT in imaging bone metastases. The third talk will review the advantages and limitations of hybrid imaging in Multiple Myeloma

Key Words

Primary bone tumors, bone metastases, multiple myeloma, PET-CT & SPECT-CT