

CME Session 3

Inflammation & Infection Committee

Wednesday, October 20, 16:15-17:45

Session Title

The Battle Continues - WBC Scan vs FDG PET/CT

Chairperson

Edel Noriega (Ciudad Real, Spain)

Programme

- 16:15 - 16:40 Edel Noriega (Ciudad Real, Spain): Radiolabelled WBC Scintigraphy for Musculoskeletal Infections - Pros and Cons
- 16:40 - 17:00 Zohar Keidar (Haifa, Israel): FDG-PET for Musculoskeletal Infections - Pros and Cons
- 17:00 - 17:20 François Rouzet (Paris, France): Radiolabelled WBC Scintigraphy for Cardiovascular Infections - Pros and Cons
- 17:20 - 17:42 Lucia Leccisotti (Rome, Italy): FDG-PET for Cardiovascular Infections - Pros and Cons
- 17:42 - 17:45 Session Summary by Chairperson

Educational Objectives

1. To learn about the diagnostic value of radiolabelled white blood cell scintigraphy and FDG-PET/CT imaging in musculoskeletal infections.
2. To learn about the diagnostic value of radiolabelled white blood cell scintigraphy and FDG-PET/CT imaging in cardiovascular infections.
3. To learn which modality should be preferred for a particular indication and how to accurately interpret the images.

Summary

Musculoskeletal and cardiovascular infections remain a serious problem in health care with high morbidity and mortality. Establishing the correct diagnosis can be very challenging, an early and accurate diagnosis is invaluable to timely initiate the correct treatment. In this session we will give an overview of how to correctly acquire and interpret the images of radiolabelled white blood cell scintigraphy and FDG-PET/CT in a patient with suspected infections.

Key Words

Radiolabelled WBC; FDG-PET; musculoskeletal infections; cardiovascular infections