CTE Session 5
Technologists + Inflammation & Infection Committee
Accessible on-demand at any time

Session Title
Update in Inflammation Imaging

Chairperson
Andor W.J.M. Glaudemans (Groningen, Netherlands)

Programme
29 min  Charlotte Lund Denholt (Copenhagen, Denmark): Overview of Nuclear Medicine Techniques and Radiopharmaceuticals for Infectious and Inflammatory Diseases

29 min  Edel Noriega-Álvarez (Ciudad Real, Spain): Radiolabeled WBC Scan for Infectious Diseases

29 min  Andor W.J.M. Glaudemans (Groningen, Netherlands): PET/CT for Infectious and Inflammatory Diseases

3 min  Session Summary by Chairperson

Educational Objectives
1. To give an update in radiopharmaceutical production and quality assurance for inflammation imaging
2. To give an update in Image acquisition for WBC
3. To give an update in PET/CT inflammation imaging
4. To raise awareness of new development in tracer and camera systems for inflammation imaging

Summary
In this joint session with the Inflammation and Infection Committee, the viewer will get updated knowledge on inflammation imaging, conventional NM and PET/CT. How to produce and perform quality assurance of the radiopharmaceuticals needed for inflammation and infection imaging. Furthermore, the viewer will get an update in current and new development in image acquisition, for conventional and PET/CT inflammation imaging.

Key Words
Inflammation, infection, WBC, Leucoscan, FDG, inflammation PET/CT, endocarditis, vasculitis, vascular graft infection, bone infection, prosthetic joint infection, spondylodiscitis, fever of unknown origin, infected cysts, fungal infections, children