

Vienna, Austria

Annual Congress of the
European Association of Nuclear Medicine
October 21 –25, 2017
Vienna, Austria

Pre-Congress Symposium 10 (Cardiovascular/Inflammation and Infection)
Saturday, October 21, 13:00-16:00

Session Title

Role of Nuclear Medicine in the Detection of Infection of Cardiac Prosthesis or Devices

Chairs

Olivier Gheysens (Leuven)
Fabien Hyafil (Paris)

Programme

- 13:00 - 13:25 Jose Miro (Barcelona): Clinical Challenges in Establishing the Diagnosis Endocarditis
13:25 - 13:50 Raluca Dulgheru (Liège): Role of Echocardiography in the Diagnosis of Endocarditis
13:50 - 14:15 Paola Erba (Pisa): Role of White Blood Cell Scintigraphy in the Diagnosis of Endocarditis
14:15 - 14:45 Coffee Break
14:45 - 15:10 François Rouzet (Paris): Role of FDG-PET Imaging in the Diagnosis of Endocarditis
15:10 - 15:35 Gudrun Feuchtner (Innsbruck): Role of CTA and MRI in the Diagnosis of Endocarditis
15:35 - 16:00 Fabien Hyafil (Paris): Is There an Optimal Imaging Strategy for Patients Suspected for Endocarditis?

Educational Objectives

1. Learn to understand the clinical challenges of establishing the diagnosis endocarditis.
2. Learn on the role of the different imaging modalities in establishing the diagnosis endocarditis.

Summary

Infective endocarditis (IE) is a deadly disease. Despite improvements in its management, IE remains associated with high mortality and severe complications. The diagnosis of IE is challenging and the evaluation of patients with IE is no longer limited to conventional echocardiography, but should include several other imaging techniques such as ^{18}F -fluorodeoxyglucose (^{18}F -FDG) positron emission tomography (PET)/computed tomography (CT), white blood cell scintigraphy or other (functional) imaging modalities.¹

This pre-congress symposium on IE has an emphasis on a multidisciplinary approach (i.e. cardiologist, radiologist and nuclear medicine physician). In addition the role of the different imaging modalities in establishing IE will be discussed.

Key Words

Infective Endocarditis; ^{18}F -FDG, white blood cell scintigraphy, echocardiography

References

1. Lancellotti P et al. ESC Guidelines for the management of infective endocarditis. Eur Heart J. 2015;36:3075–3123.