

### **CME Session 5**

Cardiovascular + Inflammation & Infection Committee

**Thursday, October 21, 09:00-10:30**

### **Session Title**

**Inflammation, Infection and Infiltrative Cardiovascular Diseases - Think Nuclear!**

### **Chairpersons**

Hein J. Verberne (Amsterdam, Netherlands)

### **Programme**

09:00 - 09:22 Olivier Gheysens (Leuven, Belgium): Cardiac Sarcoidosis

09:22 - 09:44 Tanja Kero (Uppsala, Sweden): Cardiac Amyloidosis

09:44 - 10:06 Asbjørn Scholtens (Amersfoort, Netherlands): Endocarditis

10:06 - 10:28 Lars Gormsen (Aarhus, Denmark): Vasculitis

10:28 - 10:30 Session Summary by Chairperson

### **Educational Objectives**

1. What are the essential clinical characteristics of (cardiac) sarcoidosis, (cardiac) amyloidosis, endocarditis and vasculitis.
2. What nuclear imaging techniques are available and how should these techniques be executed.
3. How do the results of nuclear imaging impact clinical decision making.

### **Summary**

Nuclear imaging plays a pivotal role in cardiac infectious, inflammatory, and infiltrative disorders. Cardiac amyloidosis, sarcoidosis, large vessel vasculitis (LVV), infective endocarditis (IE), infected cardiac implantable electronic devices (CIEDs) and vascular graft infection (VGI) are the main indications for the use of nuclear medicine procedures in both diagnosis and response assessment. As diagnosis and management of these cardiovascular diseases are in general complex, an approach by a multidisciplinary team of experts is often very helpful.

### **Key Words**

Cardiac; amyloidosis; sarcoidosis; large vessel vasculitis; infective endocarditis