



Learn & Improve Professional Skills (LIPS) Track – Session 8

Cardiovascular Committee

Monday, September 11, 16:45 – 18:15

Session Title

Stiff to Sweet - Infiltration and Inflammation

Chairpersons

Samia Massalha (Haifa, Israel)

Riemer Slart (The Netherlands)

Programme

16:45 – 17:15 **Simona Ben Haim** (Jerusalem, Israel): Infiltrative cardiac disease: Harder muscle, softer interpretation

17:15 – 17:45 **Federico Caobelli** (Bern, Switzerland): Inflammatory cardiac diseases. The sweeter it gets, the hottest it is

17:45 – 18:15 **Maria Burniston** (London, UK): Quantification: The cherry on top?

Educational Objectives

1. Gain a deep insight into the infiltrative diseases such as cardiac amyloidosis/ sarcoidosis (CS) as well as inflammatory processes such as infective endocarditis (IE). Learning tricks in the performing and interpretation process of cardiac amyloidosis cases, including challenges in the interpretations.
2. To learn the appropriate use of diagnostic options in cardiac amyloidosis, CS and IE (keyword: diagnostic algorithm).
3. To independently make the correct diagnosis of cardiac amyloidosis, CS and IE on the basis of case studies.
4. To learn the possibilities of quantification of the disease strengths/ limitations of SPECT and PET.

Summary

This CME session aims to give the attendee a comprehensive understanding of the clinical picture of cardiac amyloidosis and inflammatory diseases of the heart such as sarcoidosis and infective endocarditis, the current treatment options and the use of nuclear medicine imaging procedures. The participants will learn the general significance of cardiac amyloidosis and inflammatory heart diseases, the crucial diagnostic need, the challenges in reading and reporting studies. Finally, the possible role of nuclear medicine imaging in evaluating the response to therapy is discussed. Participants will also learn how to quantify the disease, the disease activity and extend using quantification methods.

Key Words

Inflammation, Infiltration, amyloid SPECT, Endocarditis, Quantification