

Barcelona, Spain

Joint Symposium 4

Cardiovascular Committee / American Society of Nuclear Cardiology (ASNC)

Sunday, October 13, 11:30-13:00

Session Title

New Development in Nuclear Cardiology - Ready for Prime Time?

Chairpersons

Fabien Hyafil (Paris, France)

Prem Soman (Pittsburgh, United States of America / ASNC)

Programme

11:30 - 11:50 Denis Agostini (Caen, France): Whole-Body CZT Camera for Cardiac Imaging

11:50 - 12:10 René Nkoulou (Geneva, Switzerland): Quantification of Myocardial Blood Flow with SPECT

12:15 – 12:35 Prem Soman (Pittsburgh, United States of America / ASNC): Measurement of Left Ventricular Dyssynchrony

12:35 -12:55 Piotr Slomka (Los Angeles, United States of America / ASNC): Artificial Intelligence and Deep Learning

Educational Objective

This session will discuss new developments in image acquisition and processing in Nuclear Cardiology and the road to implement them into clinical practice.

Summary

Recent developments in gamma cameras and image processing offer to extract additional information from cardiac acquisitions. This session will discuss how to implement these new approaches into clinical practice and how to integrate this new information in the management of patients.

Key Words

SPECT; cardiovascular; Artificial intelligence.