CTE Session 5

Technologists + Cardiovascular Committee
Monday, October 6, 16:45 – 18:15

Session Title

Dynamic Cardiovascular Hybrid Imaging

Chairpersons

Sara Vieira e Vieira (Brussels, Belgium)
Angelo Rafael Cardoso (Bern, Switzerland)

Programme

16:45 – 17:15 **Stephan Nekolla** (Munich, Germany): Digital Evolution and Hybrid Scanners: The Future of Cardiovascular Imaging in Nuclear Medicine
17:15 – 17:45 **Carmela Nappi** (Napoli, Italy): Clinical implementation of Hybrid Digital Technology in Nuclear Medicine cardiovascular imaging
17:45 – 18:15 **Louise Langhoff Lund** (Copenhagen, Denmark): Meeting Clinical Needs – The Technologist's Perspective on Delivering Optimal Results

Educational Objectives

1. To learn about cardiovascular hybrid imaging.
2. To describe the key steps in integrating hybrid digital technology into clinical practice.
3. To evaluate the role of the technologists in these new fields.
4. To analyse the future trends in nuclear cardiology and their impact on patient outcomes.
5. To discuss the role of technologists in ensuring patient safety and optimizing imaging protocols for accurate diagnosis.

Summary

This session will explore the latest advancements in digital evolution and hybrid scanners, emphasizing their transformative role in cardiovascular imaging in nuclear medicine. Experts will discuss how digital PET and SPECT technologies are enhancing image resolution, diagnostic accuracy, and workflow efficiency, shaping the future of nuclear cardiology.

A key focus will be on the clinical implementation of hybrid digital technology in cardiovascular imaging. Speakers will present real-world case studies and best practices for integrating these innovations into clinical settings. Attendees will gain insights into optimizing imaging protocols, improving patient outcomes, and addressing challenges associated with adopting hybrid digital systems.

From a technologist's perspective, the session will highlight strategies to meet growing clinical demands while ensuring high-quality imaging results. Discussions will cover the evolving role of technologists in leveraging advanced imaging tools, enhancing workflow efficiency, and maintaining patient safety.

This session aims to provide a comprehensive understanding of the latest technological advancements, practical applications, and workflow optimizations, empowering healthcare professionals to deliver superior cardiovascular imaging in nuclear medicine.

Key Words
Cardiovascular imaging; PET; SPET; Digital Imaging; Cardiological Nuclear Medicine Imaging; Cardio Imaging; new technology; Hybrid Imaging; nuclear medicine Hybrid imaging