Special Symposium Session 4
EANM / Ventilation & Perfusion
Tuesday, September 12, 08:00 – 09:30

Session Title
Lung Scintigraphy for Pulmonary Embolism Eiagnosis and long term Management

Chairpersons
Nadia WITHOFS (Liège, Belgium)
Pierre-Yves Salaün (Brest, France)

Programme

08:00 - 08:25	**Helia ROBERT-EBADI** (Geneva, Switzerland): Clinical challenge of acute pulmonary embolism diagnosis
08:25 - 08:50	**Gregoire LE GAL** (Ottawa, Canada): Clinical challenge of long-term management after an acute pulmonary embolism
08:50 - 09:30	**Pierre-Yves LE ROUX** (Brest, France): Role and interpretation of lung scintigraphy for the diagnosis and follow up of pulmonary embolism

Educational Objectives

1. To review the clinical challenge and current recommendations for the diagnosis of acute PE
2. To explain the current management of patients diagnosed with PE: risk stratification, monitoring anticoagulation, post-PE syndrome, chronic thromboembolic pulmonary hypertension (CTEPH).
3. To review the current role of V/Q scintigraphy in the management of PE and provide easy-to-follow instructions for interpretation.

Summary
This CME session is dedicated to the role of lung scintigraphy for the management of pulmonary embolism. First, the clinical point of view will be explained for both the diagnosis and follow up of the disease. An overview of clinical guidelines will be presented. The potential consequences of a misdiagnosis will be explained. Current challenges in the follow up of patients with PE will be reviewed, including the duration of anticoagulant therapy, diagnosis of PE recurrence, screening for CTEPH, the management of the post-PE syndrome.
Then, the current status and future perspectives of V/Q scintigraphy in the different stages of patient care will be reviewed. The pros and cons of planar, SPECT, SPECT/CT will be discussed. The interpretation criteria will be reviewed and discussed.

Key Words
Pulmonary embolism, diagnosis, prognosis, lung scintigraphy, SPECT/CT