

# IAEA/ESNM Webinar Series on Paediatric NM

## Paediatric lung scintigraphy

### **Target audience**

Nuclear medicine specialists interested in planning and performing lung perfusion scintigraphy in paediatric patients with congenital heart defects

### **Description**

Lung perfusion scintigraphy in congenital heart defects offers a unique possibility of evaluating pulmonary blood flow symmetry in a simple non-invasive way, but It requires a careful planning, taking in account many pathophysiologic and anatomical details. The course will review indications and practical issues for lung perfusion scintigraphy in children with congenital heart defects (patient preparation, radiopharmaceutical dose, number of particles scaling, selection of the injection site, etc). The user will be confronted with typical findings in some clinical cases, representing some of the common indications found in the clinical routine. Multiple-choice questions will help to focus on some critical issues.