



Learn & Improve Professional Skills (LIPS) Track – Session 13

Dosimetry Committee

Wednesday, September 13, 08:00 – 09:30

Session Title

Case Reading – Dosimetry in SIRT

Chairpersons

Lidia Strigari (Bologna, Italy)

Silvano Gnesin (Lausanne, Switzerland)

Programme

08:00 - 08:30 **Lidia Sancho Rodriguez** (Madrid, Spain): Dosimetry in whole liver and whole lobe targeting

08:30 - 09:00 **Anita Hartevelde** (Rotterdam, The Netherlands): Dosimetry in specific tumour and oligosegmental targeting.

09:00 - 09:30 **Carlo Chiesa** (Milan, Italy): Dosimetry of off-target accumulation

Educational Objectives

1. Learn about dosimetry techniques used in SIRT to assess target and non-target doses
2. Learn about consequences of target dosimetry with regard to treatment planning in SIRT in different clinical constellations
3. Learn about consequences of dosimetry of significant non-target radionuclide accumulation with regard to treatment planning in SIRT in different clinical constellations

Summary

In recent years, evidence has accumulated that the dosimetry is crucial for planning of successful SIRT. In the present session, the techniques, physical and clinical considerations surrounding dosimetry in SIRT will be discussed. The short theoretical refreshers will be accompanied by interactive case demonstrations on different targeting strategies as well as significant off-target effects.

Key Words

SIRT; Dosimetry; Treatment planning