



Learn & Improve Professional Skills Session 8

Radiation Protection Committee

Monday, October 21, 16:45 - 18:15

Session Title

What Would You Do If...?

Radiation Protection Issues in Special Cases of Everyday Practices

Chairpersons

Ioannis Iakovou (Thessaloniki, Greece)

Uta Eberlein (Würzburg, Germany)

Programme

- 16:45 - 17:00 **Felix M. Mottaghy** (Maastricht, Netherlands): Extravasation of diagnostic and therapeutic radiopharmaceutical
- 17:00 - 17:15 **Jens Kurth** (Rostock, Germany): Early Vomiting <10min after administration of 131I
- 17:15 - 17:30 **Kosmas Badiavas** (Thessaloniki, Greece): Misadministration (extra-articularly) during radiosynoviorthesis (RSO)
- 17:30 - 17:45 **Uta Eberlein** (Würzburg, Germany): Patient death during hospitalization for therapy.
- 17:45 - 18:00 **Lars Stegger** (Münster, Germany): How to deal with cases of organ transplantation
Experience with liver transplant after SIRT
- 18:00 - 18:15 **Sigrid Leide Svegborn** (Lund, Sweden): HemoDialysis of a patient during treatment

Educational Objectives

This engaging session aims to stimulate the audience by exploring various scenarios that demand specific considerations for radiation protection. While these cases frequently arise in practice, the absence of written guidelines often necessitates individual judgment on the part of professionals in charge. Our primary objective is to facilitate an enriching discussion and provide valuable guidance to all those who encounter such situations.

Summary

This interactive LIPS session is tailored to engage the audience by delving into a spectrum of scenarios requiring meticulous considerations for radiation protection. These scenarios encompass diverse situations such as the extravasation of diagnostic and therapeutic radiopharmaceuticals, inadvertent misadministration during radiosynoviorthesis, early onset vomiting following the administration of therapeutic doses of 131I, patient death during radionuclide therapy hospitalization, management protocols for organ transplantation cases, including experiences with liver transplant post-SIRT and the challenges of hemodialysis during radionuclide treatment. Despite the frequency of these occurrences in practice, the absence of standardized guidelines often mandates individualized decision-making by responsible professionals. Our paramount goal is to facilitate a thought-provoking dialogue and furnish valuable insights to all confronted with such complex situations."

Key Words

Extravasation; Misadministration; Death; Radionuclide treatment; Radiation Protection