

FDITE31 Radiation protection

Description:

During the course students will be acquainted with the basic principles of radiation safety, radiation protection in nuclear medicine, the regulations and organizations, clinical applications and dosimetry

Topics:

Units of radiation dose

Radiation exposure and dose limits

Biological effects of radiation

Clinical dosimetry

Risk of ionizing radiation

Radiation exposure of the patients

Radiation exposure of the personnel and environment

Radiation safety regulations and organizations

Literature:

M.G. Stabin (ed): Radiation protection and dosimetry, Springer-Verlag 2007, ISBN 978-0-387-49983-3