

**Increased Attention to
Radiation Effects in Modern
Radiology and Nuclear
Medicine Worldwide
(Introduction to the Session)**

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Increased Awareness of Radiation

- Improved technology with less radiation intensity
- Increased radiation protection: aprons, lead gloves, caps and glasses
- More efficient image registration
- More accurate personal dosimeters
- Practice of safer imaging techniques
- Passive safety devices

Global Awareness

- More countries adopt regulations
- Reducing permissible limits
- Increased experience requirement of radiation workers
- Increased role of international organizations:
 - International Atomic Energy Agency
 - World Health Organization
 - Regional and National organizations:
 - AAPM
 - ALFIM
 - EFOMP
- Our role is to promote knowledge and safe radiation use