Radioprotection: elaboration of good medical practice guidelines

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Chronology:
December 2000: results of a survey in Île de France concerning organisation of radioprotection in healthcare establishments:
● insufficient risk assessment
● insufficient resources for the qualified expert
● insufficient training reported by occupational health physicians

2001: following the proposal by INRS in collaboration with IRSN and SFRP, creation of a multidisciplinary working group comprising occupational health physicians, physicists and qualified experts.

Methodology:
● creation of data sheets for each medical activity and technique using ionising radiation
● medical radiological activities under evaluation:
  - conventional radiology
  - mobile bedside radiology
  - minor interventional radiology
● subsequent extension to nuclear medicine and radiotherapy

Objectives
● transcribe complex regulations into clinical practice
● elaborate good practice guidelines to help the qualified expert and occupational health physician to advise employers on risk assessment in the workplace
● facilitate a multidisciplinary approach in healthcare establishments

Main items of a data sheet (x-ray generators)

Examples of techniques

Personnel concerned: identify each salaried or non-salaried occupational category concerned

Description of operating procedures

Risk assessment and determination of exposure levels

Risk strategy and risk control

Evaluation of prevention

Other major risks

Importance of a regular assessment of the preventive measures adopted in healthcare establishments by a multidisciplinary approach

Importance of collaboration between the occupational health physician and the qualified expert

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