



New ICRP Rec/s and Regulatory Development

- Findings of the 2010 European IRPA Congress

Jack Valentin & Christopher Clement

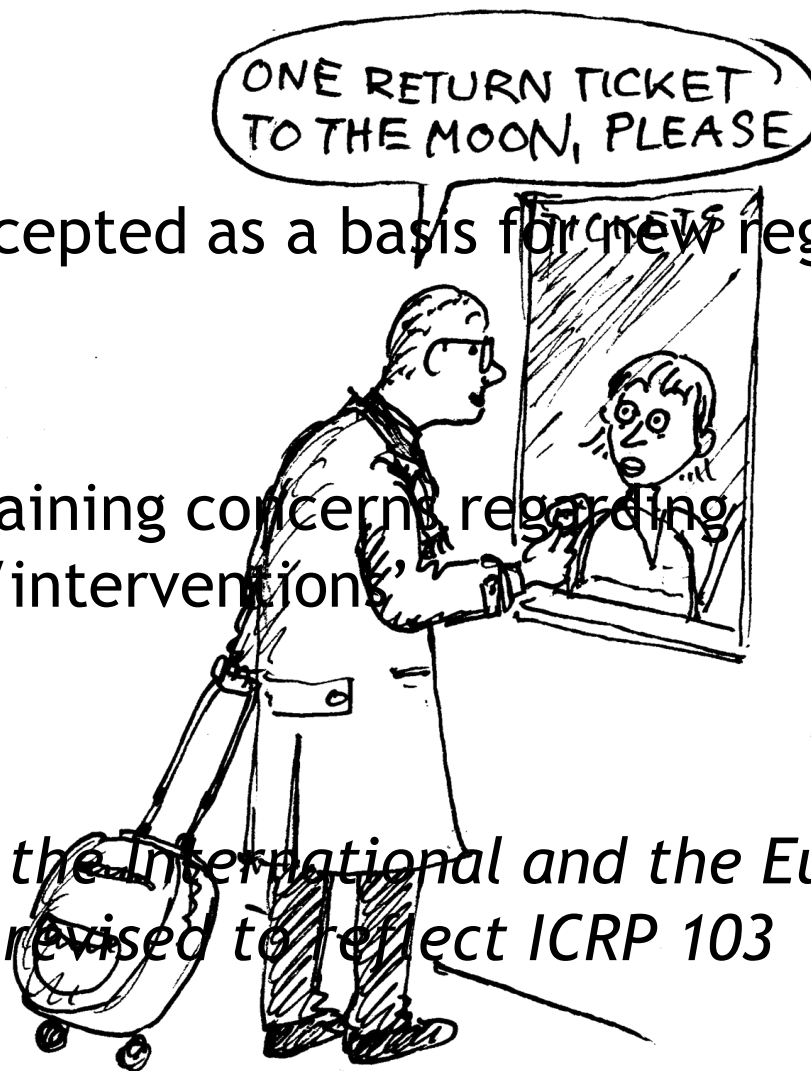
- ❖ ICRP 103 (International Organisations Forum)
- ❖ Recommendations, standards, & regulations Session
- ❖ Recommendations, standards, & regulations issues in other Sessions

International Organisations Forum: ICRP 103

❖ Broadly accepted as a basis for new regulations

❖ Some remaining concerns regarding 'practices/interventions'

❖ Now, both the International and the European BSS have been revised to reflect ICRP 103



Recommendat/s, standards, & regulations Session

- ❖ Application of existing standards
- ❖ Desirable properties of future standards
- ❖ Observations and conclusions:
 - Can site conditions be specified objectively?
 - Risk - still a useful yardstick to set regulatory levels
 - (Quality) Management Systems are worth the effort
 - Challenges: Cultural differences between countries; TENORM; protection in medicine
 - Involve stakeholders to improve justification of diagnostic examinations
 - Multimodal medical imaging requires consideration

Other rec/s, standards, & regulations issues

❖ Waste & decommissioning:

- Licensing of final HLW disposal
- Waste from decommissioning of nuclear installations

❖ Education & training:

- Roles of different experts to be specified
- Emerging tools, platforms, and networks

❖ Protection of workers:

- Challenges: difficult radiation environments, imprecise dose models, training needs
- Prospects: ALARA programmes, peer comparisons, ORAMED - ISOE - ISEMIR

❖ Stakeholder involvement in practice - cf P04.12, KIDS4