

A regulator's perspective.

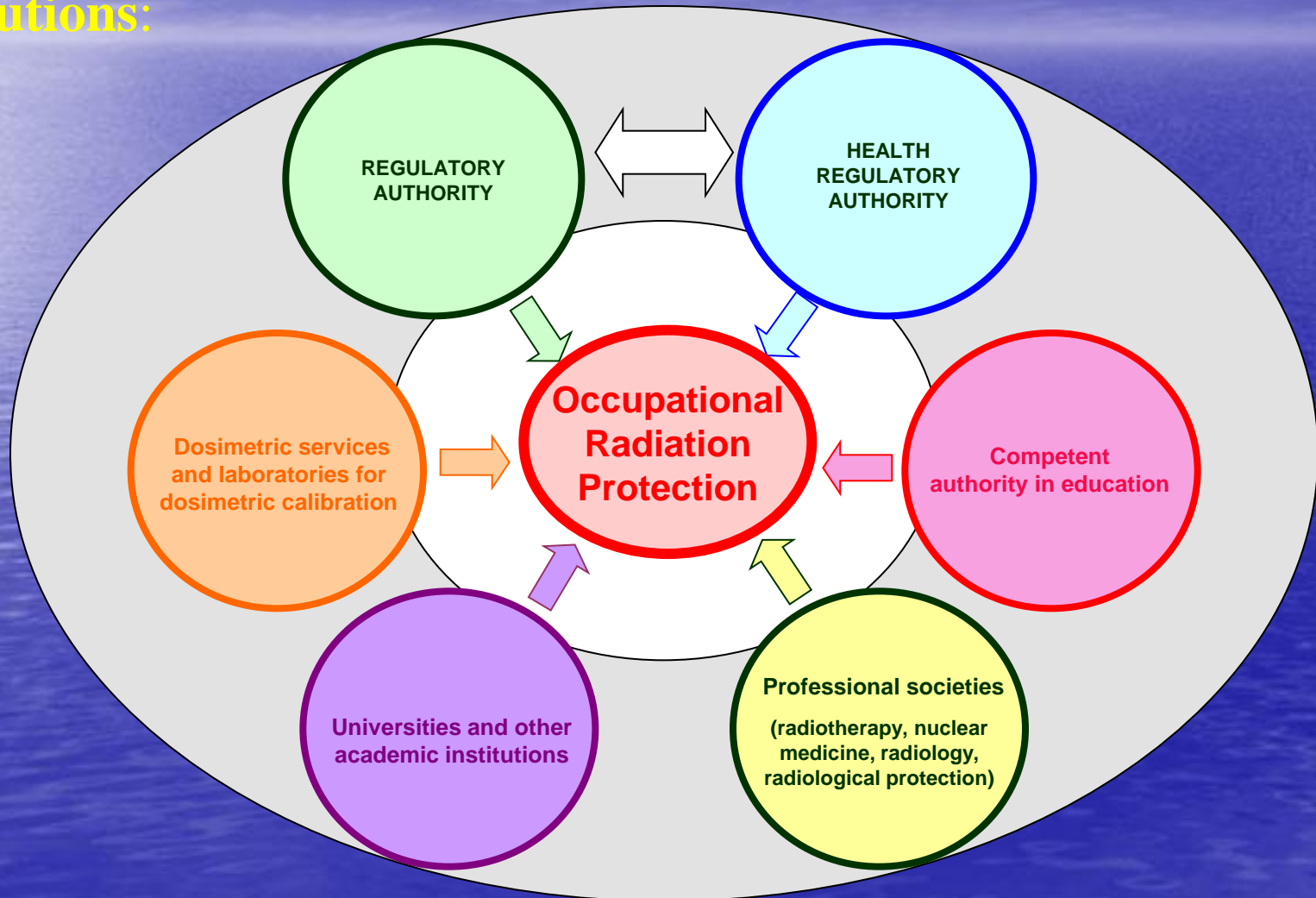
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Introductory remarks

- **The existence of a Regulatory Authority (RA), supported by an appropriate regulatory framework.**
- **It is usual that the regulation is exercised in a way shared between more than one regulatory authority.**
- **The dynamics of the technical and technological progress, which occurs at amazing speed.**
- **Therefore, an effective and efficient performance of the RA, would require:**
 - **properly qualified and trained staff, knowledgeable of the latest advances in the medical technology using ionizing radiations,**
 - **the staff is enough and proportional to the nationwide development and scope of the radiological medical practices introduced.**

Institutional relationships

An effective regulatory program requires the cooperation between the Regulatory Authorities as well as with other institutions:



Technical, normative, and financial weaknesses

- **Insufficient human resources appropriately qualified.**
- **RP equipment obsolete and, on occasions, insufficient.**
- **Nonexistence of cooperation relationships and coordination among regulatory authorities and with the other institutions**
- **Inconcistencies, duplicity and contradictions in the regulations.**
- **Inefficient mechanisms for upgrading of the regulations.**
- **Limited scope of dosimetric services and non compliance with the international standards.**
- **Individual radiological surveillance non-commensurate with the radiological risks.**
- **Little development in safety culture.**
- **Radiation Protection Programs are not formally implemented at the institutions.**
- **Insufficient size or nonexistence of infrastructures on metrology.**
- **Significant hierarchical differences among the different regulatory authorities.**

Conclusions

- 1. The improvement of the regulatory control in occupational radiological protection requires:**
 - a detailed analysis of the aspects that hinder the execution of the safety regulations and requirements.**
 - a RA with permanent self-assessment attitude for sufficiency of its program.**
 - a RA provided with enough human resources, with qualification and training commensurate with the medical practices introduced.**
- 2. The implementation of an appropriate management system and fostering of a safety culture bear a significant contribution towards the achievement of the occupational radiological protection objectives in the medical practice.**