

International Organization for Medical Physics



IOMP Presentation

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International Organization for Medical Physics



IOMP

- Involved in revision of BSS and with its content on Safety Culture
- Review of Safety Guide of IAEA and as in training course on implementation of safety guide
- Organized a session in World Congress on Medical Physics & BME, June 2015, Toronto on Implementation of BSS and Safety Culture in Medicine

BSS assigns responsibility

- **Of patient protection to medical physicists**
- **Additionally of occupational radiation protection**

- **T Berris, D Žontar and M M Rehani. IAEA survey on impact of regulations on radiation safety and development of radiation safety culture in 25 countries. BIIJ (in press)**

Objectives

- a. the opinion of health professionals about the impact of regulations on radiation safety and the development of radiation safety culture,
- b. safety level in the participating facilities and
- c. future needs regarding strengthening of regulation, patient dose consideration and exposure tracking in clinical settings.

257 responses from 25 different countries

Results

- a. Regulation enhances radiation safety and the **development of safety culture**,
- b. Safety levels where satisfying
- c. Future needs point towards strengthening of regulation regarding patient dose control, more patient dose consideration and better patient exposure tracking.

Results

- **Analysis revealed that professionals in developing countries perceived regulation to be significantly more important for improving safety than their counterparts in developed countries.**

For Promoting Safety Culture in Radiotherapy

Past President

Dr. K Y Cheung
Setting up Proton
Therapy Centre Hong
Kong



Chair, Science Committee

Dr Geoffrey Ibbott
Professor & Chairman,
Medical Physics
MD Anderson Cancer Center,
Houston, Texas



- **QA in radiotherapy**
- **Internal audit**
- **External audit**
- **International audit**
- **Incident and safety reporting**

For Promoting Safety Culture in Diagnostic and Interventional Radiology, Nuclear Medicine

Chair, Education and Training

Dr. John Damilakis
Professor & Chair,
Department of Medical Physics,
University of Crete, Greece



Secretary-General

Dr. Virginia Tsapaki



Treasurer

Dr Anchali Krisanachinda
Professor & Head
Medical Physics,
Bangkok, Thailand



**Routine aspects on QA, patient dosimetry
Excellent publications in patient safety**

President
Dr. Slavik Tabakov



Professional Relations
Dr. Yakov Pipman



Publications
Prof. Tae Suk Suh



Awards and Honors
Dr Simone Kodlulovich
Renha



**Medical Physics
World Board**
Dr Magdalena Stoeva



IOMP Can contribute

- **Providing expertise**
- **Review of draft document**
- **Dissemination to about 20,000 medical physicists in 83 countries**
- **Electronic Medical Physics World**
- **Medical Physics International Journal**
- **Task Group on Radiation Protection**

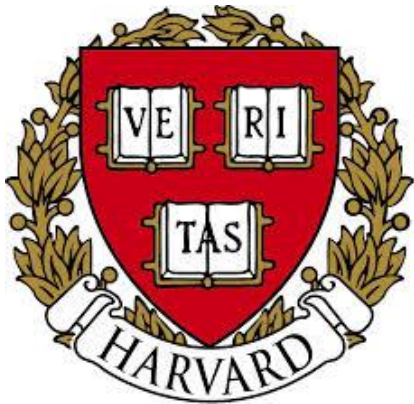
IOMP= Established 52 years ago.
About **20,000 MP in 83 countries**

- **EFOMP: Europe**
- **ALFIM: Latin America**
- **AFOMP: Asia-Oceania**
- **SEAFOMP: South East Asia**
- **MEFOMP: Middle East**
- **FAMPO: Africa**
- **International Conference every 3 years
(21st conference in 2016)**
- **World Congress every three years
WC2015, Toronto**
- **Medical Physics International journal**

Thank You



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