



International Workshop on Optimization
of Radiation Protection of Medical Staff
Barcelona, 20-22 January 2011

**Round table: LESSONS LEARNED TO OPTIMIZE
RADIATION PROTECTION OF MEDICAL STAFF IN
MEDICINE:**

**EFOMP ACTIONS AND POLICIES FOR
MEDICAL PHYSICISTS**

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EFOMP Membership

- **National Membership:** National Member Organisations with full EFOMP Membership
- **Honorary Membership**
- **Affiliate Membership:** National Organisations seeking closer link to EFOMP and which do not meet all conditions for full EFOMP Membership
- **Industrial Membership:** Companies active in the field of medical devices
- **Individual members** of Special Groups of Interest (SIGs)

(as of revision 2009)



EFOMP Mission

The mission of the Federation is:

- fostering and coordinating the activities of National Member Organisations in the field of Medical Physics;
- proposing and developing guidelines for education, training and accreditation programmes;
- making recommendations on the appropriate general responsibilities, organisational relationships and roles of workers in the field of Medical Physics;
- liaising with the European Union on professional, scientific and training matters.



Radiation protection: “Malaga Declaration” - 2006

- Duties of the Medical Physicists (MP) involved in radiation protection:

“The Medical Physics Expert (MPE) as defined in the directive 43/97 must be the professional to supervise and assume the responsibilities of the Radiation Protection activities in hospitals, including patients, working staff, members of the public and visitors”

Guidelines on education and training

- The Malaga Declaration has required an effort to harmonise education and training of MPs throughout Europe:
 - Together with relevant European organizations, EAR, EANM and ESTRO specific guidelines have been developed, including curricula on staff dosimetry, protection and exposure optimization.
 - Since 2008 the ESI/EFOMP Annual School of Medical Physics (Archamps, France) is organising a full week on radiation protection of patient and staff in medical applications.

MPE Project

- More recently, EFOMP has promoted and is part of some research and service projects of the EU.
 - The Medical Physics Expert (MPE) project is developing a European guidelines for the education and training of the MPE. The curricula include topics on staff exposure and optimisation.

EMAN Network

- The European ALARA Network (EMAN) project aims to establish a Network of stakeholders in the field of staff and patient exposure optimization.
 - The project will develop guidelines, statements and a website on topics in areas like computed tomography, interventional radiology and practice performed outside the radiology department.
 - The EMAN project, because of the evidences of the poor practice of staff monitoring in some medical areas (interventional radiology and cardiology and x-ray procedures performed outside radiology departments)
 - Is developing guidelines to improve staff monitoring practice
 - Likes to promote the Network involving relevant MP national organisations



EMAN Network

EFOMP:

- together with IOMP, is partner of IAEA and WHO project in defining MP education and training curricula
- its supporting most of the IAEA radiation protection education projects in Europe offered to MPs and medical and non-medical health personnel.



In conclusion:

EFOMP is confident that all these actions will have a good impact for the improvement and harmonization of radiation protection practice in hospitals.

- Open issues

- Harmonisation of education and training of MPs in Europe
- Recognition of MP and MPE in several EU Countries
- Free movement of Medical Physics Expert
- RPE and MPE in medical sector

EFOMP and the Future

Building European bridges

- Science
- Education
- Training
- CPD
- Recognition
- Freedom of Movement

