International Organization for Medical Physics

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www.iomp.org

IAEA International Conference on Advances in Radiation Oncology, Vienna, 20-23 June 2017
International Organization for Medical Physicists

IOMP has:
83 National Member Organizations worldwide
6 Regional Member Organizations
24,000 individual (medical physicists) members

Mission:
To advance medical physics practice worldwide by:
- Disseminating scientific and technical information,
- Fostering the educational and professional development of medical physicists, and
- Promoting the highest quality medical services for patients.
Key Role of IOMP on E&T & New Technology Implementation

- Provide guidance on standards and procedures in qualifying medical physicists in healthcare

- Provide platform/support to facilitate:
  - Sharing of information, knowledge, skills, experience on medical technologies
  - Professional networking for mutual support and collaboration
Key Role of IOMP on Education & Training

- Provide guidance documents on:
  - Curriculum for education programme
  - Clinical training programme
  - Continual professional development programme (CPD)
- Collaborate with institutions on running education & training courses
- Accredit:
  - Education and clinical training programmes
  - Medical physicist professional certification boards (in collaboration with IMPCB)
Implementation of New Technologies- IOMP Perspective

IOMP advocates “appropriate technologies” in radiation oncology in public healthcare sector based on the following principles:

- Large scale implementation of new technologies should be evidence-based and consistent with clinical needs & service sustainability

- Optimization on use of resources to best meeting clinical needs based on a set of country specific criteria including:
  - Compatibility in quality standard & functionality amongst all the supporting & related equipment in a medical institution
  - Service volume and resource constraints
  - Consistent with staff qualification, knowledge & skill
Key Role of IOMP on Implementation of New Technologies

Provide platforms for:

- Dissemination & sharing of information on:
  - New technologies, functionalities, techniques, procedures
  - Experience with users from different countries
- Networking for collaboration & mutual support amongst national and individual members

Promote & facilitate participation, including travel awards/supports for members from low income countries to participate.
IOMP platforms - Major medical physics conferences
IOMP Platforms

- World Congress on Medical Physics & Biomedical Engineering (WC)
- International Conference on Medical Physics (ICMP)
- Regional conferences in collaboration with National & Regional Organizations

Relevant activities/sessions:

- Educational & professional sessions on new technologies & implementation
- Technical exhibition
- Symposia on experience sharing
- ...
Dissemination of Education & Scientific Information
Collaboration with International & Professional Organizations on E&T & Medical Technologies

IAEA Advisory Group on increasing access to Radiotherapy Technology in low and medium income countries (AGaRT)
Thank you!