

**60TH IAEA General Conference
Side Event**



Human
Health
Programme

How to maximize the efficiency of radiation treatment

Integrating cobalt-60 machines and linear accelerators

Wednesday
28 September 2016

10:00–11:00 a.m.
Room M4
M Building
ground floor



IAEA

60 Years

Atoms for Peace and Development

After highlighting the respective characteristics of linear accelerators (linacs) and cobalt-60 (Co-60) teletherapy machines used for cancer treatment, this event will introduce a balanced perspective of the advantages and disadvantages of the two technologies to help Member States take informed decisions, taking into account their local needs and conditions.

MC: Mr Ahmed Meghzifene, Section Head Dosimetry and Medical Radiation Physics Section, Division of Human Health, IAEA

Programme

- 10:00–10:05 **Welcome and opening remarks**
Ms May Abdel-Wahab, *Director Division of Human Health, IAEA*
- 10:05–10:10 **Improving access to affordable quality radiotherapy services**
Ms Nelly Enwerem- Bromson, *Director, Division of Programme of Action for Cancer Therapy, IAEA*
- 10:10–10:15 **Setting the scene**
Mr Ahmed Meghzifene, *Section Head Dosimetry and Medical Radiation Physics Section, IAEA*
- 10:15–10:25 **Overview on technologies and clinical applications**
Mr Jake Van Dyk, *Professor Emeritus of Oncology and Medical Biophysics at Western University, London, Ontario, Canada*
- 10:25–10:35 **Challenges of setting up new radiotherapy services in low and middle income countries**
Mr Saka Sidibé, *University Professor and Head of the Radiology and Nuclear Medicine Service, University Hospital Point “G”, Bamako, Mali*
- 10:35–10:45 **Education and training in medical physics: perspective from the International Organization for Medical Physics (IOMP)**
Ms Virginia Tsapaki, *Secretary general IOMP, Director of Medical Physics Department, Konstantopoulou General Hospital of Athens, Greece*
- 10:45–11:00 **Moderated discussion**
Mr Ahmed Meghzifene, *Section Head Dosimetry and Medical Radiation Physics Section, IAEA*