



**CHALLENGES OF RADIOTHERAPY
PRACTICE IN AFRICA:
SAFETY AND EFFICACY**



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Scientific Forum
of the
54th IAEA General Conference 21st-22nd September 2010

Elegba: Scientific Forum, IAEA General Conference,
Vienna, Austria 21-22 September 2010



Forum of Nuclear Regulatory Bodies in Africa



- 33 Member States
- Plenary, Steering Committee
- Technical Working Groups
 - 9 TWGs including one on Radiotherapy Safety
- Carried out Self Assessment on Radiotherapy Practice
- Developing Action Plan for Radiation Protection in Radiotherapy



CHALLENGES OF RADIOTHERAPY IN AFRICA



- National Policy on Cancer
- Radiation Safety Legislation and Regulation
- Basic Equipment
- Ancillary Equipment
- Dosimetry Service
- Human Resources ^{c)}
- Procedure



National Policy



- Types of Cancer
- Establishment of Cancer Register
- Types of Practice
 - External Beam
 - Brachytherapy
 - Others
- Purpose of Cancer Therapy



Human Resources



- Oncologists
- Medical physicists,
- Radiation protection experts,
- Radiographers, etc
- Others



CONCLUSION



- Only about 20% of the MS satisfy the radiation safety requirements for patients;
- FNRBA seeks partnership with several organizations in improving radiation protection of patients and efficacy of the technology
- PACT to be converted to a Model Project to address Radiation Safety Infrastructure



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General Conference, Vienna,
Austria 21-22 September 2010