

STATUS OF RADIOTHERAPY IN TANZANIA COMPARING WITH THE PREVIOUS STATUS IN 2017

PRESENTER

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STAFFS AVAILABLE

- As for now a number of radiation Oncologists have increased to 28 from 25 Oncologists who are at ORCI though some are employed in different hospitals and have shifted to their Hospitals making a number of 30 Oncologists in total.
- Number of physicist remain the same four of them .
- We have 20 Clinical Oncology Residents and 5 RTT Interns.

Cont....

- Five Oncology nurses at ORCI and two in BMC.
- Two biomedical engineers.
- Six data managers.

WHAT WE HAVE

- 2 Cobalt units at ORCI and one unit at BMC.
- 2 Brachytherapy systems at ORCI and **1 has been installed at BMC last year.**
- Treatment planning systems.
- 1 for brachytherapy.
- **2 for linear accelerator machines.**
- 1 caesium machine.
- simulator.
- CT Scan now available.

Cont.....

- 2 conventional simulators 1-ORCI and 1 BMC.
- 1 CT Simulator.

CHALLENGES...

- Still we have two centers in a country of approximately 60 million people.
Government ones are ORCI and BMC .
BESTA diagnostic a private center.
- We see very advanced cases mainly stage three and four , most of the patients are palliative cases.
- No palliative centers in our country and no home based care programs so most of palliative patients die earlier due to poor management at home and they do not turn back for follow up.

Cont...

- Ignorance and superstitious behaviours making most patients abscond treatment.
- Poverty leading to failure of the patients coming for follow up visit as most are coming very far from ORCI though cancer treatment is free.
- Despite having the LINAC machines waiting time is a problem as we are still very slow with the new programme contour two cases per firm and as the TPS has to be shared among ourselves every firm uses one day .So patients wait for approximately a month after bookings.

EXPECTATIONS IN FIVE-TEN YEARS

- We might be well equipped with more radiotherapy centers mainly KCMC and MBEYA HOSPITAL.
- Increase cancer care with trainings of more Oncology doctors,nurses,RTTs.
- Specialised Oncology ie Medical,Surgical,Gyne Oncologists.
- **WE EXPECT TO HAVE PET CT THIS YEAR JULY**

TRAININGS

- Bachelor of science in Radiation Technology – MUHAS.
- Master of Medicine Clinical Oncology- MUHAS.
- Research Activities and Trainings at ORCI.
- Oesophageal brachytherapy trainings by experts coming to train.

