CANCER BURDEN AND RESOURCES IN GHANA

EMMANUEL AMANKWAA-FREMPONG Ph.D
Clinical Oncologist
A POPULATION OF 27 MILLION PEOPLE
The capital Accra in Greater Accra Region (brown) has Two cancer centers. Another center in Ashanti.

SO THERE ARE THREE CENTERS IN GHANA
ALL MAINLY SITUATED SOUTHERN PART OF GHANA.
Human Resource

• 10 working radiation/medical oncologists
  • Three in Ashanti Region
  • 7 in Greater Accra Region

• 20 Therapy radiographers
  • 4 in Ashanti Region
  • 16 in Greater Accra
Human resource

• 10 Medical physicist
• 3 in Ashanti region

• 14 nurses---chemotherapy
• 4 oncology nurses
1 cobalt machine in my center
1 cobalt in Accra
1 Linear accelerator also in Accra private facility
1 LDR brachytherapy in my center

1 HDR brachytherapy in Accra
Treatment planning/Treatment

- 3-D conformal radiotherapy in the country
- Three 2-D Simulator machines
- 1 CT Simulator in private hospital
- No software for verification in the public center in public center
Mask : REUSABLE
CASE MIX

- BREAST CANCER –40%
- CERVICAL CANCER-35%
- HEAD AND NECK
- PROSTATE CANCER
- COLORECTAL CANCER
- OVARIAN CANCER
- BLADDER CANCER
- GASTRIC= SARCOMA
FUTURE

• LINEAR ACCELERATORS
• CT SIMULATORS
• HDR
PROBLEMS

• POLITICAL WILL
• MANAGEMENT ISSUES
• MAINTENANCE CULTURE
THANK YOU