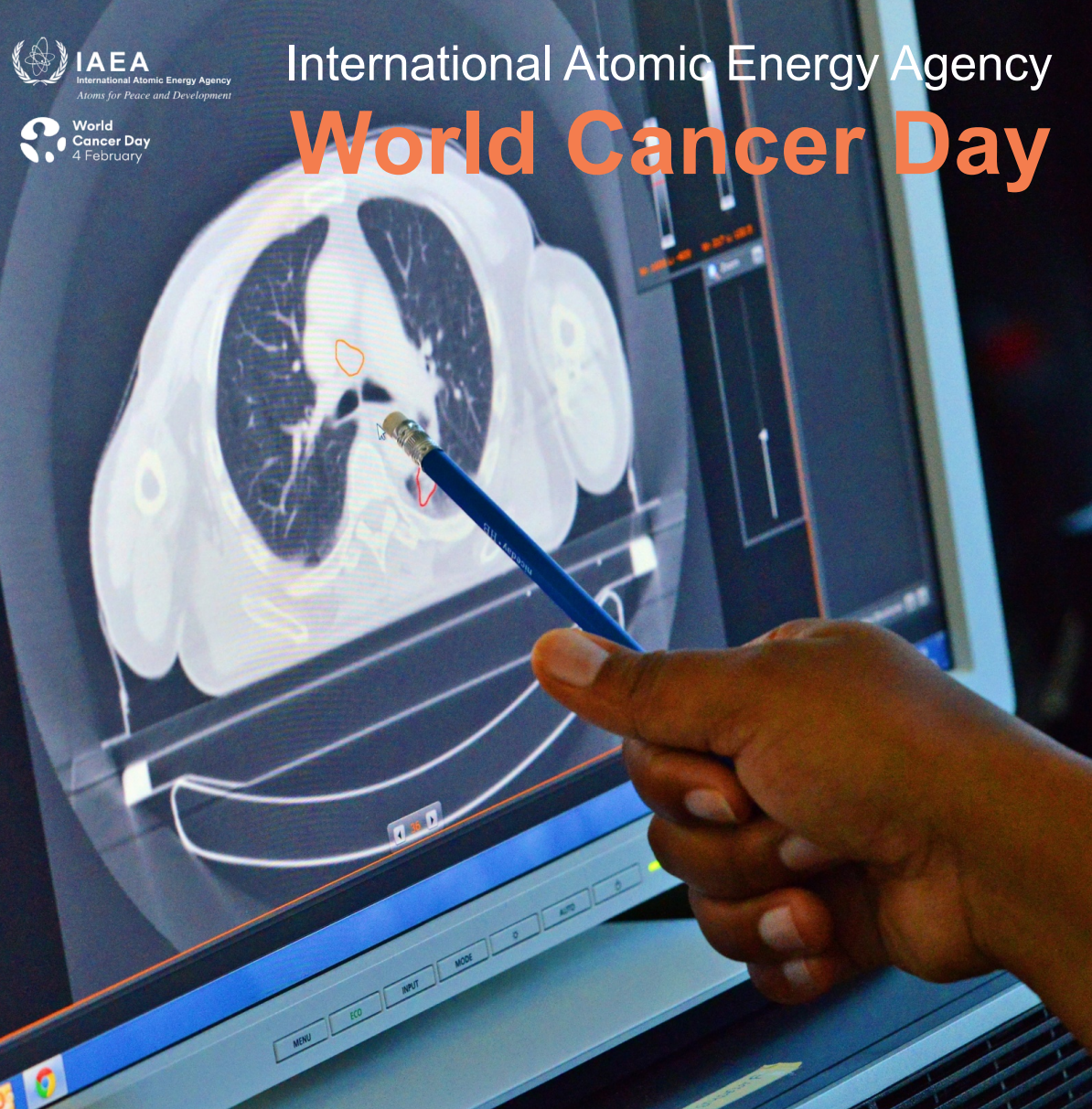


International Atomic Energy Agency

**World Cancer Day**



# ZAMBIA AND CAPACITY BUILDING: FROM RECEPIENT TO CONTRIBUTOR

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Cancer Control Services

Cancer Diseases Hospital

Zambia

1 February 2019

## Cancer Burden Top 3 Cancers Male vs Female

Estimated radiotherapy coverage for patients:

**22.73%**

(2007 -2014 : CDH Cases / ZNCR)

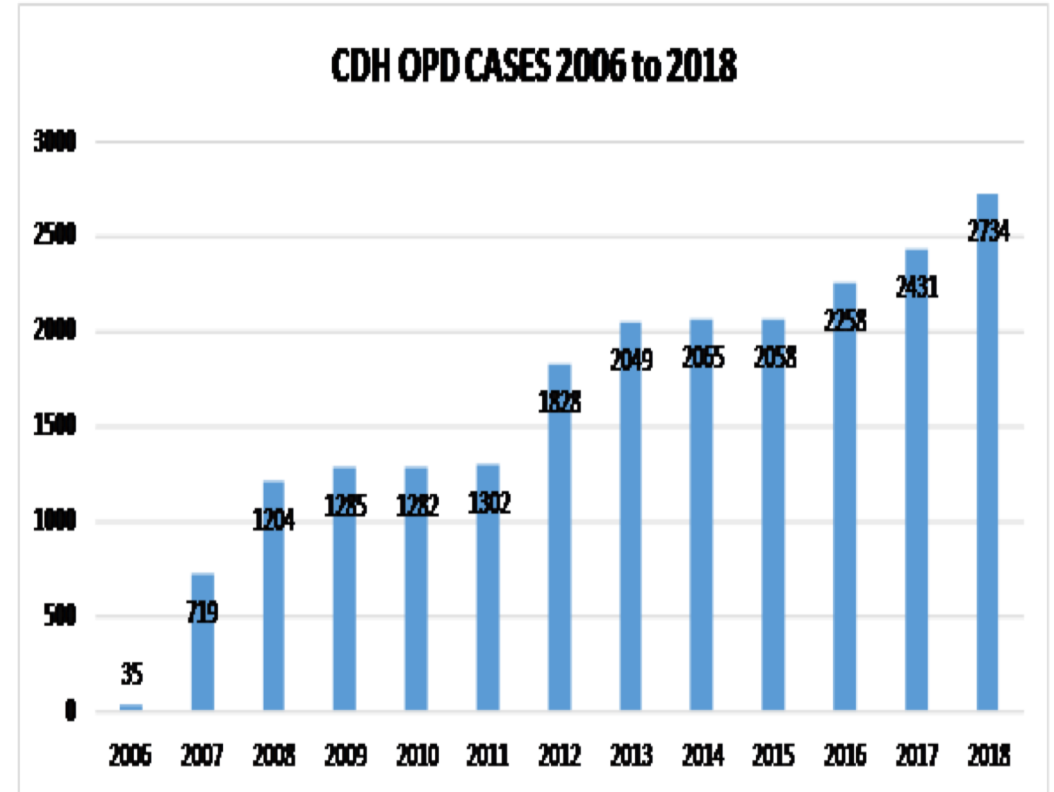
### Active Policy Documents

- Globocan/WHO 2018 Factsheet Zambia
- Cancer Diseases Hospital Data 2017
- Zambia National Cancer Registry (ZNCR) Report, August 2018
- National Cancer Control Strategic Plan 2016 - 2021

Cancer Incidence			Total % of incidence:		
Males			Females		
Cancer site	Number of cases	% of cancers	Cancer site	Number of cases	% of cancers
Prostate	1230	25.5	<b>Cervix</b>	<b>2994</b>	<b>41.8</b> <b>66.4 /</b> <b>100</b> <b>000</b>
Kaposi Sarcoma	1036	21.5	Breast	888	12.3 <b>19.9 /</b> <b>100</b> <b>000</b>
NHL	359	7.4	Kaposi Sarcoma	654	9 <b>8.7/100</b> <b>000</b>

## Progress Prevention and Treatment

- 2006 Cervical Cancer Screening started
- 500,000 women screened for cervical cancer
- 83 centers in 10 provinces-National programme (70% of 110 districts)
- Training of Zambian Health Care Workers in Zambia cancer screening
- HPV vaccination to start in 2019
- 20 cervical cancer screening clinics were opened 2018
- 60 cervical cancer clinics are planned for 2019, breast cancer and retinoblastoma
- **Cervical Cancer Support for Zambia included in the Global Fund, CDC, USAID, WORLD BANK etc**



# Zambia's Radiotherapy Capacity Infrastructure

## RADIOTHERAPY SERVICES IN ZAMBIA

YEAR	ACTIVITY & OUTPUT
2001	7 Million USD set aside OF ID/IAEA/GRZ for the development of the first radiotherapy centre in Zambia – Phase I
2012	8 Million USD set aside OF ID/GRZ for construction of CDH Phase II
2016	25 + 15 Million USD has been set aside BADEA/OF ID/GRZ for setting up of 3/9 satellite centers in 3 provinces & upgrade of CDH Phase III
YEARLY	Parliament appropriates money for Salaries, Running Costs and Cancer Medicines and Supplies on yearly basis



## Current Capacity – Human Resource + Training

2009 QUATRO FINDINGS	PROGRESS 2018	COMMENT
<b>Total Staff 131 (86 Clinical)</b>	<b>410/752 (281 Clinical Staff)</b>	<b>NEWLY APPROVED ESTABLISHMENT</b>
<b>ROs 5 + 6</b>	<b>7 + 10</b> <b>10 STARTED FELLOWSHIP TRAINING IN CRO</b>	<b>3 Training in RSA. ZACOMS &amp; MMed CRO (LMMU or LAMU)</b>
<b>SO, GO, PO 0</b>	<b>1 SURGICAL ONCOLOGIST</b> <b>1 GYNAE ONCOLOGIST</b> <b>1 PAEDIATRIC ONCOLOGIST</b>	<b>10 PLANNED TO GO TO TMH for 12 MONTHS TRAINING</b>
<b>NMP 0</b>	<b>2</b>	<b>ONE HAS RETURNED</b>
<b>MPs 3</b>	<b>5 + 1</b>	<b>3 Complete 2 doing clinical training 1 just joined</b> <b>CURRICULUM FOR CQMP UNDER ZACOMS COMPLETE</b>
<b>RTTs 13</b>	<b>35</b>	<b>DIPLOMA IN RTT RUNNING SINCE 2012</b>
<b>Lab Techs 4</b>	<b>11</b>	
<b>Pharmacy 6</b>	<b>24</b>	
<b>Nurses 31</b>	<b>162</b>	<b>20 ARE TRAINED ONCOLOGY NURSES</b>





## Transformative Agenda to Contributor

- **ZAM 6010** – Establishing the First RT Centre in Zambia - **2001**
- **ZAM 6012** – Improving the Quality of Cancer Treatment – **2007**
- **ZAM 6016** – Strengthening the Delivery of Radiotherapy Services – **2009**
- **1<sup>ST</sup> QUATRO MISSION 2009**
- **IMPACT MISSION 2010**
- **ZAM 6019** – Expanding the Capacity for Radiation Oncology through Sustainable Local Human Resource Development to Benefit National Cancer Control – **2012**
- **ZAM 6020** – Consolidating the Delivery of Cancer Treatment Services – **2014**
- **ZAM 6022** - Supporting the Expansion of the Delivery of Radiotherapy – **2017**
- **Established RTT TEVETA accredited Diploma, First students started June 2012**
- **CDH Training College/Levy Mwanawasa Medical University**
  - **Fellow of the College of Clinical & Radiation Oncologists of Zambia (ZACOMS)**
  - **M.Med Clinical & Radiation Oncology (LMMU MoH or LAMU private)**
  - **BSc Therapy Radiography UNZA**
  - **BSc Oncology Nursing UNZA**
  - **Diploma in Oncology nursing underway under CDH Training college**
  - **Fellow of College of Clinical Medical Physicists of Zambia (ZACOMS)**



## Current Capacity equipment

