CANCER IN KENYA-MOH RESPONSE

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SILVER SPRINGS HOTEL
KENCO SCORE CARD MEETING
Outline

Cancer statistics
National Cancer Control Strategy 2017-22
Successes
Enablers
Conclusion
Estimated number of new cases in 2018, worldwide, all cancers, both sexes, all ages

- Lung: 2,093,876 (11.6%)
- Breast: 2,088,849 (11.6%)
- Colorectum: 1,849,518 (10.2%)
- Prostate: 1,276,106 (7.1%)
- Stomach: 1,033,701 (5.7%)
- Oesophagus: 572,034 (3.2%)
- Liver: 841,080 (4.7%)
- Other cancers: 8,323,793 (46%)

Total: 18,078,957

Data source: GloboCan 2018
Graph production: Global Cancer Observatory (http://gco.iarc.fr)
Estimated number of deaths in 2018, worldwide, all cancers, both sexes, all ages

Total: 9,555,027

- Lung: 1,761,007 (18.4%)
- Colorectum: 880,792 (9.2%)
- Stomach: 782,685 (8.2%)
- Liver: 781,631 (8.2%)
- Breast: 626,679 (6.6%)
- Oesophagus: 508,585 (5.3%)
- Pancreas: 432,242 (4.5%)
- Other cancers: 3,781,406 (39.6%)
Estimated number of new cases in 2018, Africa, all cancers, both sexes, all ages

Total: 1,055,172

- **Breast**: 168,690 (16%)
- **Cervix uteri**: 119,264 (11.3%)
- **Prostate**: 80,971 (7.7%)
- **Liver**: 64,779 (6.1%)
- **Colorectum**: 61,846 (5.9%)
- **NHL**: 48,587 (4.6%)
- **Lung**: 39,353 (3.7%)
- **Other cancers**: 471,662 (44.7%)

Data source: GLOBOCAN 2018
Graph production: Global Cancer Observatory [http://gco.iarc.fr]
Estimated number of deaths in 2018, Africa, all cancers, both sexes, all ages

Total: 693,487

- Cervix uteri: 81,687 (11.8%)
- Breast: 74,072 (10.7%)
- Other cancers: 321,601 (46.4%)
- Liver: 63,562 (9.2%)
- Prostate: 42,298 (6.1%)
- Colorectum: 40,034 (5.8%)
- Lung: 37,748 (5.4%)

Data source: GloboCan 2018
Graph production: Global Cancer Observatory (http://gco.iarc.fr)
Estimated number of new cases in 2018, Kenya, all cancers, both sexes, all ages

Total: 47,887

- Breast: 5,985 (12.5%)
- Cervix uteri: 5,250 (11%)
- Other cancers: 23,013 (48.1%)
- Oesophagus: 4,380 (9.1%)
- Prostate: 2,864 (6%)
- Colorectum: 2,316 (4.8%)
- Stomach: 2,127 (4.4%)
- NHL: 1,952 (4.1%)

Data source: Globocan 2018
Graph production: Global Cancer Observatory [http://gco.iarc.fr]
Estimated number of new cases in 2018, Kenya, all cancers, males, all ages

- Prostate: 2,864 (14.9%)
- Oesophagus: 2,384 (12.4%)
- Colorectum: 1,134 (5.9%)
- Kaposi sarcoma: 1,070 (5.6%)
- NHL: 1,064 (5.5%)
- Leukaemia: 875 (4.6%)
- Stomach: 1,028 (5.4%)
- Other cancers: 8,780 (45.7%)

Total: 19,199

Data source: GLOBOCAN 2018
Graph production: Global Cancer Observatory [http://gco.iarc.fr]
Estimated number of new cases in 2018, Kenya, all cancers, females, all ages

- **Breast**: 5,985 (20.9%)
- **Ovary**: 971 (3.4%)
- **NHL**: 888 (3.1%)
- **Stomach**: 1,099 (3.8%)
- **Colorectum**: 1,182 (4.1%)
- **Cervix uteri**: 5,250 (18.3%)
- **Other cancers**: 11,317 (39.4%)

Total: 28,688

Data source: Globocan 2018
Graph production: Global Cancer Observatory [http://gco.iarc.fr]
Estimated number of new cases in 2018, Kenya, all cancers, both sexes, ages 0-19

- Leukaemia: 539 (16.5%)
- Other cancers: 1,453 (44.4%)
- NHL: 489 (14.9%)
- Hodgkin lymphoma: 137 (4.2%)
- Kaposi sarcoma: 140 (4.3%)
- Kidney: 208 (6.4%)
- BNS: 158 (4.8%)
- Nasopharynx: 148 (4.5%)

Total: 3,272
Estimated number of deaths in 2018, Kenya, all cancers, both sexes, all ages

- **Oesophagus**: 4,351 (13.2%)
- **Cervix uteri**: 3,286 (10%)
- **Breast**: 2,553 (7.7%)
- **Stomach**: 2,068 (6.3%)
- **Prostate**: 1,663 (5%)
- **Colorectum**: 1,466 (4.4%)
- **Liver**: 1,331 (4%)
- **Other cancers**: 16,269 (49.3%)

**Total**: 32,987

Data source: Globocan 2018
Graph production: Global Cancer Observatory [http://gco.iarc.fr]
SUCCESSES
GOAL: To reduce cancer incidence, morbidity and mortality

VISION:
A Kenyan population with low burden of cancer

MISSION:
To implement a coordinated and responsive cancer control framework that leads to reduction in incidence, morbidity and mortality through effective partnerships and collaborations for prevention, diagnostics, treatment, palliation and financing of cancer control activities to improve well being of Kenyans.
PILLARS

Prevention, early detection and screening

Diagnosis, registration & surveillance

M&E Research

Coordination, partnership & financing

Treatment, palliative care & survivorship
“Prevention offers the most cost-effective long-term strategy for the control of cancer.”

World Health Organization
PILLAR ONE – Prevention

Advocacy

• Promote healthy lifestyle – reduce exposure to known lifestyle risk factors.
  Civil Society

Policy:

Development of national cancer screening guidelines - awaiting launch

Guidelines on healthy diet & physical activity

Prevention services:

HPV vaccination national roll out preparations- 2019 May
PILLAR ONE – Prevention

Educational materials developed

- Pre-primary, Grade 1&2 children going through curriculum on healthy diet & physical activity

We need to advocate for total ban on alcohol advertising – legislators??
PILLAR 2- Diagnosis, Registration, Surveillance (1/2)

**Diagnosis**

Established a comprehensive national oncology reference lab

**Policy**- developing operational standards & guidelines for imaging & pathology diagnostic work-up
Registration

Established the National Cancer Registry at MOH

Expanding cancer registration services

Integrate cancer registry data collection tools into existing health information systems

Capacity building done of HRIOs in cancer registration – strengthen health systems for sustainability (Kiambu, Kirinyaga, Laikipia, Marsabit, Kisii, Mombasa trained)
# PILLAR 3 – Treatment, Palliative Care & Survivorship

## Treatment

**Policy** - treatment protocols, guidelines for establishment of cancer centres

**Infrastructure** - chemotherapy centres established in county hospitals

Access to medicines initiatives

**Human resource** - 5 new medical oncologists, 4 in training (UON). 7 new radiation oncologists, 34 C.Os HND in oncology, 12 in training (MTRH)

**NHIF** - review of oncology package, increase enrolment

## Palliative Care

Integration of palliative care in hospitals

Palliative care policy development ongoing

Capacity building – 78 trained in Higher National Diploma in Palliative Care at KMTC, 250 trained at Nairobi Hospice, 23 in training at KMTC.
Equipment support to counties
PILLAR 4 - coordination, partnership & financing

TWGs

Sustainable financing
(Cancer Fund, exchequer, NHIF, PPP)

Partnerships at county and national govt level
PILLAR 5 – Monitoring, Evaluation & Research

• Produced annual progress report of implementation of strategy
• Research agenda developed
What are the enablers to cancer control?
3.4 By 2030, reduce by 1/3 premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being.

3.8 Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all.
The World Health Organization today announced a new high-level commission of heads of state, ministers and other leaders in health and development to come up with “bold and innovative solutions” against non-communicable diseases such as heart and respiratory diseases, cancers and diabetes.

Hon. Sicily Kariuki, Cabinet Secretary of Health, Kenya - Commissioner
1. Food Security
2. Affordable Housing
3. Manufacturing
4. Affordable Healthcare for all
Policy environment

Constitution 2010 mandates National government with policy development
Partnerships for impact
THANK YOU