Cancer & Cancer-related Statistics (PNG context)  
March 2022

Source: Dr M Sapuri, OL, CSM; Pacific International Hospital; (Top Cancers causing death in men (2016)

Top 10 Cancers causing death in men

- 9.7 million deaths from cancer annually
- 4.4 million men
- 1,300 in PNG annually

PNG Top 10 Cancers causing death in men

- Mouth cancer
- Lung cancer
- Liver cancer
- Prostate cancer
- Colorectal cancer
- Esophageal cancer
- Leukeamia
- Bladder cancer
- Pancreatic cancer
- Testicular cancer

Cancer Situation in PNG

- Increasing to number 4 rank
- World cancer care progressed and we are stuck in the 1980s (40 years gap)

Cervical cancer in PNG

- 4000 new cases every year
- 1,500 patients die every year
- We operate 645 cases annually
- Most cases die in stage 4 disease with complications
- Only PIH and PMGH provide advance surgery
- Only PIH and PMGH provide chemotherapy
- Currently no radiotherapy in PNG
Cancer & Cancer-related Statistics (PNG context)  
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PIH Gynaecological Statistics 2020

<table>
<thead>
<tr>
<th>Condition</th>
<th>PIH</th>
<th>PMGH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miscarriages</td>
<td>15.2%</td>
<td>30.1%</td>
</tr>
<tr>
<td>DUB/ PMB/ Menorrhagia</td>
<td>5.7%</td>
<td>5.5%</td>
</tr>
<tr>
<td>Cervical cancer</td>
<td>10.5%</td>
<td>7.2%</td>
</tr>
<tr>
<td>Ovarian cancer</td>
<td>5.2%</td>
<td>-</td>
</tr>
<tr>
<td>Endometrial cancer</td>
<td>2.7%</td>
<td>-</td>
</tr>
<tr>
<td>Ovarian cysts</td>
<td>14.4%</td>
<td>5.8%</td>
</tr>
<tr>
<td>Fibroids</td>
<td>7.4%</td>
<td>4.6%</td>
</tr>
<tr>
<td>Family completion</td>
<td>1.2%</td>
<td>7.7%</td>
</tr>
</tbody>
</table>

Breast cancer in PNG

- 3800 new cases each year
- 1600 deaths each year
- Family History
- Genetic association or link
- Aggressive form of cancer in PMGH
- Population
- Screen is of paramount significance

Source: Dr B Dagam; Port Moresby General Hospital; Breast Cancer Awareness presentation (2021)

There is an increase in the number of cases

References made to:

- Breast cancer in Papua New Guinea: a survey of 10 years
    - 2.7/100000
    - Common age group 40 – 49 years

- Rising incidence of breast cancer in Papua New Guinea
    - 6.9/100000

- A prospective study on breast cancer in Surgical department of Port Moresby General Hospital, a tertiary care hospital in Papua New Guinea
    - Since 2008 case numbers have shown to increase by 60% every year.

Diet, life style factors

Source: Breast cancer in Papua New Guinea and other pacific islands; a review
- A. Waine et al. Pacific Journal of Medical Sciences, 2018
The causes of breast cancer

- 80% – Unknown
- 15% - Familial history
- 5% - Infection

Biggest identified risk factors include diet, smoking and physical inactivity