

# The organization of diagnostic and treatment services (priorities)

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Cancer is a preventable disease:

more than 30 % of the cancer cases could be prevented by reducing risk factors and changing life styles.

These actions are the most effective to reduce cancer mortality

Benefits of cancer prevention show up in about 20 to 30 years

Cancer is a curable disease:

more than 30% of the cancer cases could be cured if detected early and treated properly

Early detection programmes are uncommon and not efficient in LMI resources countries

# Cancer Realities

- More than 75 % of new cancer cases and cancer death will be in the Developing World
- In this setting, more than 70% of cases are diagnosed too late to be cured

# Cancer Realities

40% of cancer deaths can be prevented

Access to diagnostic and treatment is an issue:

ie. RT could cure more than 50 % of the cases, but less than 25% of cancer patient have access to RT

**Cancer Diagnostic: What is needed ?**

**Imaging: Conventional X Rays, Mx, Ultra-Sound, CT, MRI, SPECT, PET**

- Availability, access, coverage
- Qualified human resources
  - Quality control assured
- Resources and funds for sustain

**Cancer Diagnostic: What is needed ?**

**Pathology: Conventional H/E, IHC, PCR, Array**

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**Cancer Treatment: What is needed ?**

**Surgery: Concentration, Specialization, Dedication**

- **Availability, access, coverage**
  - **Qualified human resources**
    - **Quality control assured**
- **Resources and funds for sustain**

## Cancer Treatment: What is needed ?

**Medical Oncology:** Concentration save resources, improves quality and protection.

- Availability, access, coverage
- Standard drugs for more vs. latest drugs for few
- Qualified human resources
- Quality control assured
- Resources and funds for sustain

## Cancer Treatment: What is needed ?

### Radiation therapy:

- Conventional vs. newest and sophisticate technologies,
- When to move on?
  - Availability, access, coverage
    - Qualified human resources
      - Quality control assure
  - Resources and funds for sustain

Cancer Treatment: What is needed ?

Multidisciplinary approach on cancer care

Integrating services: the patient as the main focus

Cancer care (diagnostic and treatment) as part of  
NCCP

Planning at country level and not cancer centre level

Different phases of development

Cancer Treatment: What is needed

Clinical Research:

especially well designed,  
to obtain scientific evidence of low  
resources technologies in low resource  
setting

