

# International Cancer Control Partnership ECHO Program

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**Session Topic:** Evidence-based cancer control interventions and conduct implementation research

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# Objectives

1. Gain an understanding of the role of implementation science as a part of NCCP implementation
2. Identify partners that can help you with incorporating dissemination and implementation research into NCCP implementation

# Strategic Objectives of the NSP 2020-2024 Sri Lanka

1. High level political leadership, advocacy and governance to accelerate the national response for prevention and control of cancer with a robust integrated, coordinated, multi-sectoral, multi-disciplinary national program with community engagement.
2. Primordial and primary prevention of cancers by addressing risk factors and determinants throughout the life-cycle.
3. Ensure screening and early diagnosis through improved health literacy, availability of services for rapid diagnosis of cancers and linking to ensure early treatment and care.
4. Ensure sustained and equitable access to diagnosis and treatment and care facilities for cancers.
5. Ensure access & availability of survivorship, rehabilitation and palliative care facilities at all health service levels and at community level for cancer patients and support to their families and care givers.
6. Strengthen cancer information systems and surveillance to provide accurate and timely data to monitor the progress and evaluate the outcomes of cancer control actions.
- 7. Promote research and utilization of its findings for prevention and control of cancers.**

# Strategic directions for promote research in NSP

- Identify research priorities on prevention and control of cancer
  - Strengthen the Technical Advisory Committee (TAC) on Cancer research by engaging multi-sectoral, multi-disciplinary stakeholders to identify research priorities
- Promote a conducive environment for cancer research
  - Facilitate research opportunities through communication with Sri Lankan & International Institutes based on identified research priorities
  - Advocate for a research budget
- Translate research evidence into practice to strengthen preventive services, treatment and care services
  - Research committee to formulate recommendations to strengthen policy formulation and programme management

# Research and Cancer Control in Sri Lanka

- Cancer research in Sri Lanka is carried out to provide evidence to develop policy and strategies for prevention, diagnosis, treatment and care, monitor and evaluate interventions
- epidemiological modeling for forecasting incidences and mortality and survival rates will be helpful in not only understanding the disease burden but infrastructure and workforce development fund allocation

# Research Priorities of Public Health Importance for Prevention & Control of Cancers in Sri Lanka 2022

- Primary Prevention & Early Detection of Cancer
- Breast Cancer
- Cervical Cancer
- Oral cancer
- Paediatric cancers
- Other Common Cancers
- Diagnosis & Treatment of Cancers
- Survivorship & Palliative Care of Cancers

# Research Evidence

- Promote Post Graduate trainees to involve in cancer research from bench to bed side
  - Presentation, Diagnosis and Treatment Delays in Breast Cancer Care and Their Associations in Sri Lanka (S. Hewage, 2021)
  - Psychosocial needs of childhood cancer caregivers attending the main cancer treatment center in Sri Lanka: A qualitative assessment (S. Dilhani, 2017)
  - Prevalence of the population 'at risk' of developing colorectal cancer in Sri Lanka (Y. Samarakoon, 2018)
  - Prevalence of being 'at risk' of endometrial carcinoma among postmenopausal women in Sri Lanka (I. Jayawickrema, 2021)
  - Novel risk factors for primary prevention of oesophageal carcinoma: a case-control study from Sri Lanka (I. Thalagala, 2018)

# Research evidence

- Produce evidence form available sources
  - Analysis of cancer registry data and trend analysis for common cancers

Breast

Cervical

Oral

Uterus

Prostate

Thyroid

Lung

Oesophagus

Pediatric

Colorectal



# Translation of evidence



# Implementing Partners

- Professional Colleges (Implementers)
- Community based organizations (Sustainability)
- Non Governmental Organizations (Funding)

