

## Workshop agenda and Useful Resources for health economic evaluations

### Project “Strengthening the Assessment of Public Health Interventions Through Norwegian-Lithuanian Cooperation NO. LT-01-1S-CPVA-TF-002”

(2nd) online capacity building session

Date: November 30 and December 3, 2020

#### Facilitators:

Lieke Heupink, advisor Norwegian Institute of Public Health (NIPH)

Lumbwe Chola, senior advisor, NIPH

Elizabeth Peacocke, senior advisor, NIPH

Ingvil Sæterdal, department director, NIPH

#### **Learning outcomes:**

- Principles of economic evaluation and its role in Health Technology Assessment (HTA)
- The role of economic evaluations for public health interventions

Day 1 November 30		
<i>Time (CET)</i>	<i>Topic</i>	<i>Presenter</i>
09:00 – 09:20	Welcome Tour de table (all participants to present themselves)	Ingvil Sæterdal
09:20 – 09:40	Introduction to the workshop <ul style="list-style-type: none"><li>• Workshop objectives and expected outcomes</li><li>• The need for health priority setting (role of HTA)</li></ul>	Lumbwe Chola
09:40 - 10:15	The economics of Public Health <ul style="list-style-type: none"><li>• What is public health?</li><li>• Financing of public health in OECD</li><li>• Need for prioritizing public health interventions</li></ul>	Lieke Heupink
10:15 – 10:30	<i>Break</i>	
10:30 - 11:30	Economic evaluation of health interventions <ul style="list-style-type: none"><li>• What is economic evaluation?</li><li>• Types of economic evaluations</li><li>• Measuring and valuing costs</li><li>• Estimating health outcomes</li></ul>	Lumbwe Chola Elizabeth Peacocke
11:30 – 12:30	<i>Lunch break</i>	
12:30 – 13:30	Interpreting results of a cost-effectiveness analysis <ul style="list-style-type: none"><li>• Incremental cost-effectiveness ratios (ICER)</li><li>• The cost-effectiveness plane</li><li>• Willingness to pay thresholds</li><li>• Selecting interventions that are cost-effective</li></ul>	Lumbwe Chola
13:45 – 14:00	<i>Break</i>	
14:00 – 14:45	Critically appraising economic evaluations	Lieke Heupink
14:45 – 15:00	Discussion and end of day 1	All

Day 2 December 3		
<i>Time (CET)</i>	<i>Topic</i>	<i>Presenter</i>
09:00 – 9:10	Welcome to day 2	Ingvil Sæterdal
9.10 - 9:30	Introduction to group work	Lieke Heupink
9:30 - 11:00	Group work (facilitator entering virtual meeting rooms)	All
11:00-11:15	<i>Break</i>	
11:15 – 12:00	Summary of group work, presentations and implications	All
12:00 – 13:00	<i>Lunch break</i>	
13:00 – 13:45	Financing of health care services in Norway  A ten-year programme for promotion of mental health and drug prevention in Norway	Fredrik A.S.R. Hanssen  Hildegunn Brattvåg
13:45 - 14:00	<i>Break</i>	
14:00 – 14:30	Resources for health economic evaluations	Lumbwe Chola
14:30 – 15:00	Summary of workshop	All

## Useful Resources for health economic evaluations

A short recent open access review article about health economic evaluation, with useful further readings and resources

Udeh BL. Economic Evaluation Studies. CHEST. 2020; 158: S88-S96.

[https://journal.chestnet.org/article/S0012-3692\(20\)30456-6/fulltext](https://journal.chestnet.org/article/S0012-3692(20)30456-6/fulltext)

Free teaching resources on health economic evaluation assembled by the International Health Economics Association

<https://www.healtheconomics.org/page/LPEEG>

A free online glossary of health economic evaluation terms

Shiell A, Donaldson C, Mitton C, et al. Health economic evaluation. Journal of Epidemiology and Community Health. 2002; 56: 85-88.

<https://jech.bmj.com/content/56/2/85>

The global health economics hub - free educational materials on health economics in low-income countries

<https://globalhealthconomics.tghn.org/>

Introduction to CEA slides from John Hopkins School of Public Health –

<https://www.mcgill.ca/tb/files/tb/5.2.pdf>

HTA 101: Economic Analysis Methods from the National Information Center on Health Services Research and Health Care Technology – <https://www.nlm.nih.gov/nichsr/hta101/ta10107.html>

Guide to Economic Analysis and Research (GEAR) – Plant-A-Tree: An online open access decision support tool for researchers

iDSI - <http://www.gear4health.com/page/i/plant-a-tree>

Tufts CEA Registry: A comprehensive database of 9,080 cost-utility analyses on a wide variety of diseases and treatments published from 1976 to 2019

<https://cevr.tuftsmedicalcenter.org/databases/cea-registry>

### WHO best buys

World Health Organization. (2017). Tackling NCDs: 'best buys' and other recommended interventions for the prevention and control of noncommunicable diseases. World Health Organization.

<https://apps.who.int/iris/handle/10665/259232>

Allen, L. N., Pullar, J., Wickramasinghe, K., Williams, J., Foster, C., Roberts, N & Townsend, N. (2017). Are WHO “best buys” for non-communicable diseases effective in low-income and lower-middle-income countries? A systematic review. The Lancet Global Health, 5, S17.

[https://www.thelancet.com/journals/langlo/article/PIIS2214-109X\(17\)30124-9/fulltext](https://www.thelancet.com/journals/langlo/article/PIIS2214-109X(17)30124-9/fulltext)