

Basics of Decision Science & Cost-effectiveness Analysis (CEA) in Health



Radisson Blu Hotel

October 15, 2021 | 9:00 AM – 4:45 PM

Invitees

Ethiopian Public Health Institute

- Asrat Arja (asratarja1983@gmail.com)
- Dr. Fentabil Getnet (b.infen4ever@gmail.com)
- Latera Tesfaye (lateratesfaye848@gmail.com)
- Mesfin Agachew (mesfinagachew@gmail.com)
- Nahom Alemseged (nahomal80@gmail.com)
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Facilitators

Dr. Solomon Tessema Memirie

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Dr. Stéphane Verguet

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Sarah Bolongaita

Research Assistant, Harvard T.H. Chan School of Public Health

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Learning objectives

- The meaning, importance, types, and key aspects of economic evaluation
- How to estimate intervention costs
- How to measure the benefits of health interventions

Materials

Memirie ST, Tolla MT, Desalegn D, *et al.* A cost-effectiveness analysis of maternal and neonatal health interventions in Ethiopia. *Health Policy Plan* 2019; **34**: 289–97.

Memirie ST, Desalegn H, Naizgi M, *et al.* Introduction of birth dose of hepatitis B virus vaccine to the immunization program in Ethiopia: an economic evaluation. *Cost Eff Resour Alloc* 2020; **18**: 23.

AGENDA

9:00	REGISTRATION
9:15	INTRODUCTION Introductory remarks and participant introductions <i>Dr. Alemnesh Mirkuzie, Dr. Stéphane Verguet, Sarah Bolongaita</i>
9:30	PRESENTATION Workshop introduction and objectives <i>Dr. Solomon Tessema Memirie</i>
10:00	PRESENTATION Introduction to economic evaluation in health and CEA <i>Dr. Stéphane Verguet</i>
11:00	BREAK
11:15	EXERCISE Reading CEA literature to identify key aspects of economic evaluations <i>Dr. Solomon Tessema Memirie</i>
12:30	LUNCH
1:30	PRESENTATION Defining and quantifying costs of health interventions <i>Dr. Solomon Tessema Memirie</i>
2:15	EXERCISE Excel-based exercises on costs <i>Dr. Solomon Tessema Memirie</i>
3:30	BREAK

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| 3:45 | PRESENTATION Defining and quantifying outcomes of health interventions
<i>Dr. Solomon Tessema Memirie</i> |
| 4:30 | CONCLUSION Concluding remarks
<i>Dr. Alemnesh Mirkuzie, Dr. Stéphane Verguet</i> |