

Workshop II: Interpreting the Results of Cost-Effectiveness Analysis (CEA)



Saro-Maria Hotel

November 30, 2021 | 9:00am – 4:00pm

Invitees	Ethiopian Public Health Institute
Facilitators	<p>Dr. Solomon Tessema Memirie <i>Director, Addis Center for Ethics and Priority Setting</i> tess_soul@yahoo.com, +251 91 1403 936</p> <p>Nathaniel Hendrix <i>Postdoctoral Research Fellow, Harvard T.H. Chan School of Public Health</i> nhendrix@hsph.harvard.edu</p>
Learning objectives	<ul style="list-style-type: none">• Understand the basic elements of cost-effectiveness analysis (CEA)• Learn the meaning and calculation of incremental cost-effectiveness ratio (ICER)• Apply decision rules (dominance) to a list of health interventions• Populate and utilize a simple cost-effectiveness model and conduct CEA
Materials	Memirie ST, Tolla MT, Desalegn D, <i>et al.</i> A cost-effectiveness analysis of maternal and neonatal health interventions in Ethiopia. <i>Health Policy Plan</i> 2019; 34 : 289–97.

AGENDA

9:00	REGISTRATION
9:15	INTRODUCTION Introductory remarks and participant introductions <i>Dr. Solomon Tessema</i>
9:30	PRESENTATION Basic elements of cost-effectiveness analysis (CEA) <i>Dr. Nathaniel Hendrix</i>
10:30	BREAK



We acknowledge support from Gavi, the Vaccine Alliance

AGENDA

10:45	PRESENTATION Interpreting incremental cost-effectiveness ratios (ICERs) <i>Dr. Solomon Tessema</i>
11:45	EXERCISE Introducing practical exercises on dominance and simple CEA model <i>Dr. Solomon Tessema</i>
12:00	LUNCH
1:00	EXERCISE Conducting CEA using an Excel-based model <i>Dr. Solomon Tessema</i>
2:30	BREAK
2:45	PRESENTATION Group presentations and discussion <i>Dr. Solomon Tessema, participants</i>
3:45	CONCLUSION Concluding remarks <i>Dr. Solomon Tessema , Dr. Alemnesh Mirkuzie</i>