

# Workshop II: Interpreting the Results of CEA and Practical Exercises



## Federal Ministry of Health

Monday, January 11, 2021: 3:00-5:30 PM EAT / 7:00-9:30 AM EST

Tuesday, January 12, 2021: 2:00-5:00 PM EAT / 6:00-9:00 AM EST

- Facilitators** Solomon Tessema Memirie, Stéphane Verguet, Sarah Bolongaita
- Invitees** Expanded Program on Immunization (EPI) team, Federal Ministry of Health
- Webinar link** <https://harvard.zoom.us/j/91838345174?pwd=eIZzWUVQM2Z0NzN2VHVONkU1aUYwUT09>  
Password: 310671
- Objectives**
- Understand basic elements constitutive of cost-effectiveness analysis (CEA)
  - Learn what incremental cost-effectiveness ratio (ICER) means and how to detect dominance
  - Apply decision rules (dominance) using a list of health interventions with cost and effectiveness
  - Populate and utilize a simple cost-effectiveness model and conduct CEA

## MONDAY AGENDA

<b>3:00</b>	<b>Introductory remarks</b> Dr. Meseret Zelalem
<b>3:15</b>	<b>Basic elements of cost-effectiveness analysis (CEA)</b> Dr. Stéphane Verguet
<b>4:00</b>	<b>Break</b>
<b>4:15</b>	<b>Interpreting incremental cost-effectiveness ratios</b> Dr. Solomon Tessema Memirie  <b>Introducing practical exercises on dominance and simple CEA model; assign groups (two groups)</b> Dr. Solomon Tessema Memirie
<b>5:15</b>	<b>Concluding remarks</b> Dr. Meseret Zelalem

TUESDAY AGENDA	
<b>2:00</b>	<b>Group exercise: Conduct CEA using an Excel-based model</b> Facilitators: Dr. Solomon Tessema Memirie and Dr. Stéphane Verguet
<b>3:30</b>	<b>Break</b>
<b>3:45</b>	<b>Group presentations and discussion</b> Dr. Solomon Tessema Memirie
<b>4:45</b>	<b>Concluding remarks</b> Dr. Meseret Zelalem

**Moderators**

Dr. Meseret Zelalem  
*Director, Maternal, Child Health and Nutrition Directorate, Federal Ministry of Health*

Dr. Solomon Tessema Memirie  
*Research Director, Addis Center for Ethics and Priority Setting*

Dr. Stéphane Verguet  
*Assistant Professor of Global Health, Harvard T.H. Chan School of Public Health*

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

**Required reading**

Memirie, S. T., Tolla, M. T., Desalegn, D., Hailemariam, M., Norheim, O. F., Verguet, S., & Johansson, K. A. (2019). A cost-effectiveness analysis of maternal and neonatal health interventions in Ethiopia. *Health Policy and Planning*, 34(4), 289–297. <https://doi.org/10.1093/heapol/czz034>



We acknowledge support from Gavi, the Vaccine Alliance