

**May 28, 2018**

## **Economic Evaluation of Mobile Health (Mhealth) Interventions for Improving Maternal and Newborn Health in Low-And-Middle-Income Settings**

Globally, maternal and newborn mortality trends have declined, albeit slowly, over the last 10 years in low-and-middle-income countries (LMICs). Rapidly increasing costs of care, shortages of trained personnel, cultural barriers that delay care-seeking, and geographical remoteness continue to impose considerable challenges for health systems. In response, policy-makers are considering technological innovations such as mobile health (mHealth) interventions to bridge gaps in health service delivery. Economic evaluation, conducted as part of health technology assessments (HTA), provides a systematic approach to collect evidence about costs and effectiveness from the diverse perspectives of care providers, care receivers, and community stakeholder. Such an inclusive approach is imperative to guide the use of mHealth technologies and inform policy decisions on resource allocation for program scale-up in LMICs.

The objectives of this presentation are to:

1. Highlight the maternal and newborn mortality toll in the context of LMICs;
2. Describe two mHealth interventions (i.e. the Smart Discharges program in Uganda; and the Community Level Interventions for Pre-eclampsia trial in Pakistan);
3. Summarize findings of a qualitative study exploring societal perspective on cost drivers for mHealth initiative;
4. Report key findings of the cost-effectiveness analysis of mHealth interventions;
5. Discuss strengths, limitations, and implications for program policy;
6. Identify areas of reverse innovation (i.e. methodological replication) to HTA in Canada.

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Rounds are held weekly on Mondays from 12:00 pm to 1:00 pm in the VGH Research Pavilion, Room 700, 7<sup>th</sup> Floor, 828 West 10th Avenue, Vancouver, BC.

Visit [www.C2E2.ca](http://www.C2E2.ca) for information about previous and upcoming rounds. If you are interested in presenting or attending remotely please email [pamela.lee@ubc.ca](mailto:pamela.lee@ubc.ca).