



Workshop 6: Co-Design of Artificial Intelligence-Enabled Decision Support Tools

Presenters:

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Description:

This workshop focuses on deriving value from electronic medical record data with artificial intelligence-enabled decision support tools. Participants will learn about an example tool in-development with and for Community Health Centres before moving into interactive activities to work together to identify new tool ideas and key considerations for positive impact.

Session objectives and learning outcomes:

- To understand the basics of artificial intelligence and decision support tools.
- To identify meaningful challenges in primary health care that can be supported through artificial intelligence and electronic medical record-based decision support tools.
- To identify challenges and opportunities for integrating decision support tools into everyday practice to support effective, efficient, and equitable care delivery.

Full description:

This workshop is focused on artificial intelligence (AI) – enabled decision support tools for team-based primary health care. There will be three main components:

1. Introduction to AI and decision support tools: we will review of the basics of AI how AI-enabled decision support tools can harness value from health care data.

2. Tangible example: we will introduce a tool to support diabetes and mental health care that is being co-developed with the EPIC Practice Based Learning Network. Workshop participants will be engaged in a discussion around barriers and facilitators for moving this tool from development to implementation stages.

3. Brainstorm new ideas: Workshop participants will be encouraged to draw upon personal experience and work together to identify other challenges in primary health care that could be tackled with AI-enabled decision support tools. Big picture ideas related to general excitement and concerns around introducing new technologies into practice will also be encouraged. This workshop will include basic education, example-based discussion, and collaborative brainstorming for the future. Participants will put on a “co-design” hat to work with fellow attendees to imagine opportunities and challenges for AI and decision support tools to benefit primary health care systems, providers, and community members.