



HEALTH TECHNOLOGY ASSESSMENT

FOR DECISION MAKING>

September 25-27, 2019 • Toronto General Hospital



AN INTENSIVE WORKSHOP ON PRAGMATIC HTA TOOLS
FOR DECISION-MAKERS, INDUSTRY REPRESENTATIVES,
AND RESEARCHERS



WHO SHOULD TAKE THIS WORKSHOP?

- Individuals who use HTA to make decisions relating to drugs, devices, and programs
- Decision-makers, practitioners, and researchers who would like to be able to use HTA concepts and methods

KEY FEATURES

- Intensive three-day program
- “Theory bursts” in lecture format to introduce and explain key concepts
- Interactive sessions (small group learning) to explore illustrative cases

DATE & LOCATION

Date:

September 25 – 27, 2019

Location:

THETA Collaborative
10th Fl, Eaton Building, Toronto General Hospital
200 Elizabeth Street, Toronto, ON M5G 2C4

OBJECTIVES

By the end of the course, participants will be able to review and assess:

- Measures of clinical evidence
- Cost-effectiveness analyses
- Approaches to integrating social and ethical issues

FEES & REGISTRATION

Early Bird

C\$1,600 (inc. HST)

Deadline: August 18, 2019

Click [here](#) to register.

Regular

C\$1,700 (inc. HST)

Deadline: September 3, 2019

Click [here](#) to register.

Course fee includes tuition fee, study materials, social event and meals (breakfast, break refreshments and lunch for three days).

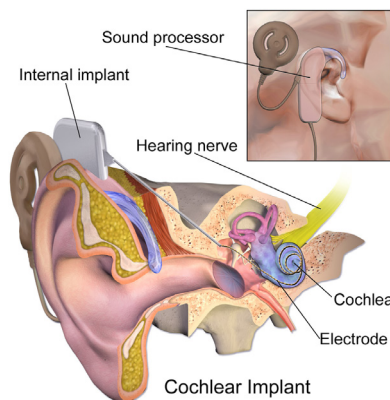
For more information, please contact:

Beena Vyas | **phone:** 416-634-7245 |

email: info@theta.utoronto.ca

CURRICULUM OVERVIEW

Workshop will focus on real-world cases in **bilateral cochlear implantation**



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Day 1: Intro to HTA & Clinical Evidence

Day 1 will introduce HTA and examine the nature of clinical evidence. Participants will learn the strengths and weaknesses of alternative study designs such as randomized controlled trials and observational research and understand how evidence strength is graded. We will also review common measures of effectiveness used in the medical literature so participants can understand the outcomes that are commonly reported in health technology assessments.

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Day 2: Economic Evidence

Day 2 will explore the idea of value - the relationship between cost and health benefit. Participants will learn the key concepts and designs in cost effectiveness analysis, how to perform a simple analysis, and how to appraise and interpret cost effectiveness analyses that are part of health technology assessments.

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Day 3: Ethics & Social Values

Day 3 will explore the social and ethical issues arising in the assessment of health technologies - why these issues are important and how they can be addressed. Participants will be introduced to methods for assessing stakeholder values and preferences through research evidence or stakeholder engagement, approaches to integrating ethics and social values considerations into HTA assessments, and the decision-making and appeal processes that can improve the fairness and legitimacy of HTA decisions.

For more information, please click [here](#).

Agenda

DAY 1: Intro to HTA & Clinical Evidence

Wednesday, September 25th, 2019

Toronto General Hospital, Eaton Building 10th Floor, THETA Collaborative

Time	Session	Topic	Faculty
8:30am		Breakfast and Registration	
9:00	1.0	Introduction to the Workshop	Murray Krahn
9:15	1.1	Introduction to HTA (formal title TBD)	Fiona Miller
9:45	1.2	Introduction to the Technology: Cochlear Implants	Peter Dixon
10:15		Break	
10:30	1.3	Study Design in Clinical Research	Valeria Rac
11:30	1.4	Interactive Session: Outcomes Measures	Group Work
12:30pm		Lunch	
1:15	1.5	Theory Burst: Bias with Small Exercise	Prakesh Shah
2:15	1.6	Theory Burst: Systematic Reviews	Prakesh Shah
3:15		Break	
3:30	1.7	Interactive Session: Completion of HTA template for Clinical Evidence	Group Work
4:30	1.8	Interactive Session: Critical Appraisal	Group Work
5:30		Conclusion	

Day 1 Goals:

- To understand HTA processes, how HTA organizations function and why we prioritize decisions in this manner
- To understand different types of clinical research and how bias can influence research results
- To learn how systematic reviews and evidence from the literature are summarized
- To obtain hands-on experience of appraising and grading evidence

DAY 2: Economic Evidence

Thursday, September 26th, 2019

Toronto General Hospital, Eaton Building 10th Floor, THETA Collaborative

Time	Session	Topic	Faculty
8:30am		Breakfast	
9:00	2.0	Introduction to Day 2	Beate Sander
9:15	2.1	Landscape & Future Trends of HTA in Canada	Michelle Mujoomdar
10:00	2.2	Theory Burst: Cost-Effectiveness Analysis	Beate Sander
10:45		Break	
11:00	2.3	Introduction to Health Economic Modeling	Alex Haines
11:30	2.4	Interactive Session: Abstracts	Group Work
12:30pm		Lunch	
1:15	2.5	Theory Burst: Interpreting and Acting on the Results of Economic Appraisal & Budget Impact Analysis	Petros Pechlivanoglou
2:00	2.6	Theory Burst: Utility & QALYs	Murray Krahn
2:45		Break	
3:00	2.7	Interactive Session: Utility & QALYs Exercise	Group Work
4:00	2.8	Interactive Session: Critical Appraisal	Group Work
5:00		Cocktail Reception	

Day 2 Goals:

- To understand the basic principles of economic evaluation
- To understand the calculation of QALYs and their use in cost-utility analysis
- To critically appraise and interpret economic evaluations in the context of health technology assessments

DAY 3: Ethics & Social Values

Friday, September 27, 2019

Toronto General Hospital, Eaton Building 10th Floor, THETA Collaborative

Time	Session	Topic	Faculty
8:30am		Breakfast	
9:00	3.0	Introduction to Day 3	Fiona Miller
9:15	3.1	Qualitative evidence synthesis (formal title TBD)	TBD
10:00	3.2	Bioethics analysis (formal title TBD)	TBD
10:45		Break	
11:00	3.3	Theory Burst: Patient & Public Engagement	Frank Gavin
11:45		Lunch	
12:30pm	3.4	Theory Burst & Interactive Session: Decision and Appeal Processes	Jennifer Gibson
2:00		Break	
2:15	3.5	Decision Frameworks for HTA	Decision Makers Panel
2:45	3.6	Interactive Session: Decision Time!	Group Presentations
3:45	3.7	Decision Making Panel Presentation & Wrap-Up	Decision Makers
4:30		Conclusion	

Day 3 Goals:

- Identify ways in which clinical and economic evidence and input may be insufficient
- Discuss emerging strategies for incorporating additional evidence and expertise
- Review the role of process in fair decision making
- Apply decision frameworks to make recommendations about collective coverage for a case study technology

FACULTY

Peter Dixon, MD

Resident, Department of Otolaryngology - Head and Neck Surgery, University of Toronto

Frank Gavin, MA

Board Member, Canadian Association for Health Services and Policy Research; Chair, Citizen Engagement Council, CHILD-BRIGHT National SPOR Network; Board Member, Ontario SPOR Support Unit

Jennifer Gibson, PhD

Sun Life Financial Chair in Bioethics; Director, University of Toronto Joint Centre for Bioethics; Associate Professor, Institute of Health Policy, Management and Evaluation, University of Toronto

Alex Haines, MSc

Health Economist, THETA

Murray Krahn, MD

Tier 1 Canada Research Chair, HTA; Director, THETA; Senior Scientist, Toronto General Hospital Research Institute; Professor, Institute of Health Policy, Management and Evaluation, University of Toronto

Fiona Miller, PhD

Professor, Chair in Health Management Strategies, Institute of Health Policy, Management and Evaluation, University of Toronto; Director, Health Policy and Ethics Division, THETA

Michelle Mujoomdar, PhD

Director, Scientific Affairs, Canadian Agency for Drugs and Technologies in Health (CADTH)

Petros Pechlivanoglou, PhD

Scientist, Child Health Evaluative Sciences (CHES), The Hospital for Sick Children, Toronto

Valeria Rac, PhD

Scientist, Toronto General Hospital Research Institute; Associate Program Director, Director of Clinical Research Division, THETA; Assistant Professor, Institute of Health Policy, Management & Evaluation, University of Toronto

Beate Sander, PhD

Canada Research Chair in Economics of Infectious Diseases; Scientist, Toronto General Hospital Research Institute; Associate Professor, Institute of Health Policy, Management and Evaluation; Director, Population Health Economics Research, THETA

Prakeshkumar (Prakesh) Shah, MD

Department of Paediatrics, Mount Sinai Hospital; Associate Professor, Institute of Health Policy, Management and Evaluation, University of Toronto

Others to be added at a later date.

DECISION MAKERS PANEL

Suzanne McGurn, MPA

Assistant Deputy Minister of Drugs and Devices Division, Executive Officer of Ontario's Public Drug Programs, Ontario Ministry of Health

Nicole Mittmann, PhD

Chief Scientist and Vice-President of Evidence Standards, Canadian Agency for Drugs and Technologies in Health (CADTH)

Charles Wright, MD

Retired former Chair of the Ontario Health Technology Advisory Committee (OHTAC)