

Health Technology Assessment In Canada and Beyond

9th Chinese HTA Forum

Dr. Don Juzwishin

Shanghai, China

October 31, 2015

Objectives

- Describe the role of HTA in Canada
- Describe the international landscape in HTA
- Reflect on the development of HTA in China



Political Governance

- One country – 13 jurisdictions
- Health care funding & delivery
 - Provincial & territorial responsibility
- Health technology assessment
 - CADTH
 - INESSS – Quebec
 - IHE – Alberta
 - Health Quality Ontario

Principles of Canada Health Act:

- Public Administration
- Comprehensiveness
- Universality
- Portability
- Accessibility

CANADA



What is CADTH?

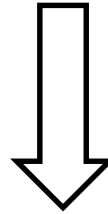
- Private, not-for-profit corporation.
- Funded by Health Canada, Provinces and Territories.
- Conducts health technology assessments (HTA) on drugs and medical devices.
- 190 employees, Ottawa and Toronto offices.
- Advisory and expert committees, numerous contractors.
- Active involvement in the global HTA community.

CADTH's Mandate

- Provide decision-makers with objective evidence about the clinical effectiveness and cost-effectiveness of health technologies.
- Produce advice, recommendations, and tools that promote the optimal use of health technologies.
- Build capacity for HTA in Canada.

What does CADTH do?

CADTH is a
health technology assessment
agency



We inform technology-related
decision-making
in health care

What is HTA?

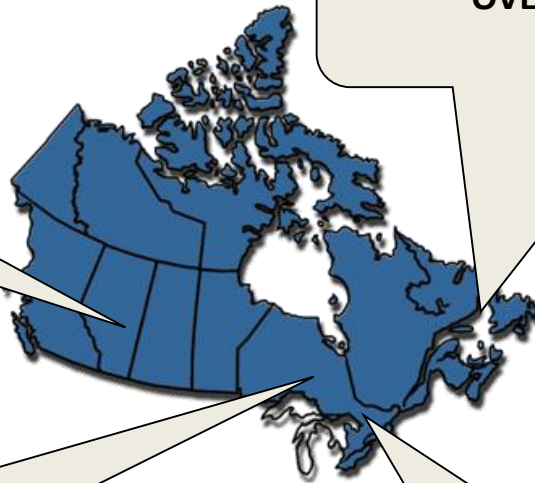
- HTA is the **systematic evaluation** of the properties and effects of a health technology, addressing the direct and intended effects of the technology, as well as the indirect and unintended consequences.
- It is aimed mainly at **informing** decision making regarding health technologies.
- HTA is conducted by **interdisciplinary** groups that use explicit analytical frameworks drawing on a variety of methods.

<http://www.inahta.org/>

Why HTA?

**ALBERTA CUTTING HEALTHCARE
FUNDING FIRST TIME IN 20 YEARS
IN 2015 BUDGET**
Edmonton Sun, March 26, 2015

**\$65-BILLION COST LOOMING IN HEALTH CARE
OVER NEXT 50 YEARS: REPORT**
CBC, January 8, 2015



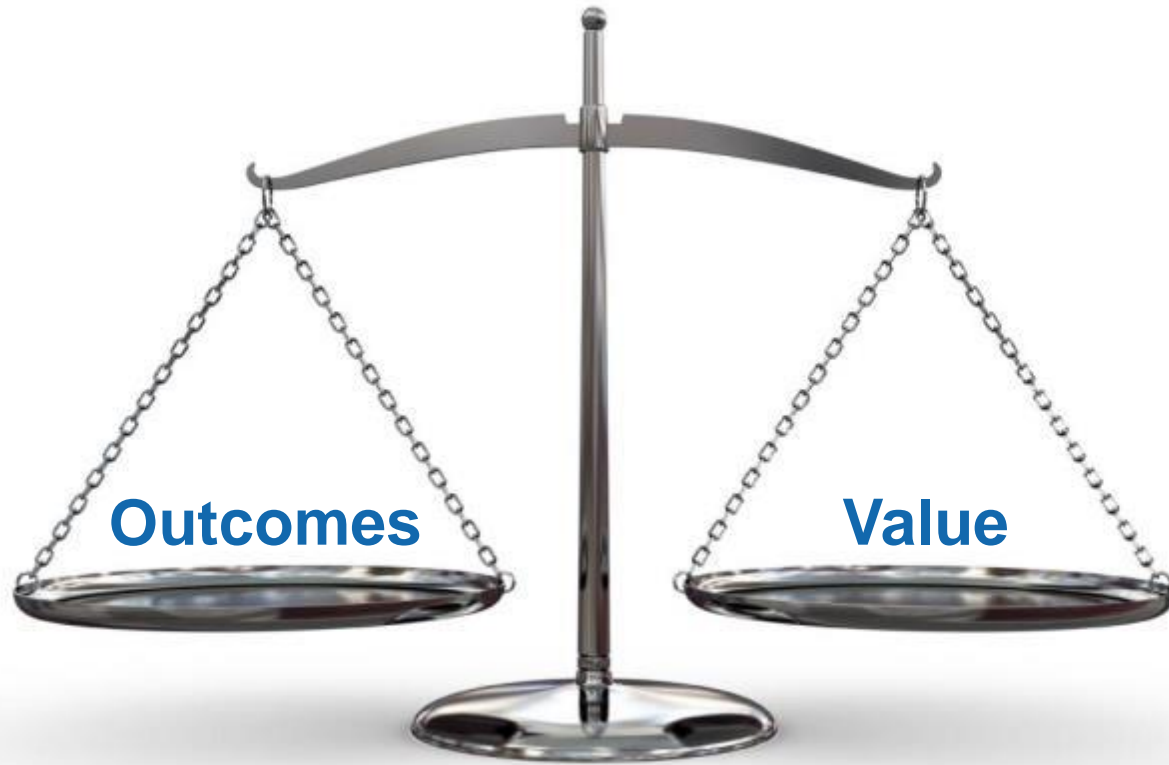
**CRISIS IN ONTARIO HEALTH-CARE SYSTEM
DEEPENS: HEPBURN**
The Star, February 11, 2015

**CANADIAN DOCTORS URGED TO LIMIT
TESTING TO CONTAIN COSTS**
Globe & Mail, February 18, 2014

HTA Provides Relevant, Timely, & Credible Evidence

- Is the technology safe?
- For whom does it work and when?
- Is it better than what we already have or do?
- How will it be used?
- Does it provide value for money?
- Can we afford it?
- What are the trade-offs?
- What else needs to be considered?

HTA = Finding the Right Balance



CADTH HTA Products & Services

- Rapid Response Service
- Health Technology Assessment & Optimal Use
- Environmental & Horizon Scanning
- Scientific Advice Program
- HTA coordination, mobilization & brokering
- HTA methods guidance documents
- Education and training on HTA
- Drug formulary & class reviews

CADTH Strategic Plan Goals

- 1. Delivering Value:** *Inform health policy and clinical practice by getting the right information to the right decision-makers at the right time.*
- 2. Expanding Reach:** *Build receptivity for health evidence.*
- 3. Setting the Standard:** *Champion meaningful evidence and leading methods.*

“Ultimately, CADTH will enable health systems to better prepare for the emergence of technological innovation, and help them determine the most effective and efficient technologies upon which to invest.”

Introduction to HTAi and INAHTA

Introduction

- The Secretariats of two international HTA organizations are hosted in Canada:
 - Health Technology Assessment international (HTAi)
 - International Network of Agencies for Health Technology Assessment (INAHTA)
- Secretariats hosted at the Institute of Health Economics, Edmonton, Canada



Health Technology
Assessment international

Overview

HTAi

- Global scientific and professional not-for-profit society for those who produce, use or encounter **HTA**
- **1200 members** from over **65 countries**, including researchers, agencies, policy makers, industry, academia, health service providers, and patients/consumers
- **Neutral forum** for collaboration and the sharing of leading information and expertise with members and partners
- Members regularly participate in **Interest Groups, Meetings and Policy Fora**
- Governed by Board of Directors that is supported by an executive committee, several advisory committees and a secretariat

Board Executive Committee



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Guy Maddern,
Australia



Vice President
Sean Tunis,
USA



Treasurer
Don Juzwishin,
Canada



Secretary
Americo
Cicchetti,
Italy

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Katrine Frønsdal, Norway
Rabia Kahveci, Turkey
Deborah Marshall, Canada
François Meyer, France
Alric Rüther, Germany

Mission

To **support and promote HTA** around the world as a scientifically-based means of promoting the introduction of effective innovations and the effective use of resources in health care

Interest Groups

Ten Interest Groups serve as hubs for sharing international experiences and expertise among HTA users and producers worldwide:

- Conditional Coverage/Access with Evidence Development
- Disinvestment
- Ethical Issues in HTA
- Hospital-based HTA
- HTA-Regulatory Interactions
- HTA in Developing Countries
- Early Career Network
- Information Resources
- Patient and Citizen Involvement
- Impact on Public Health Interventions (Nutrition)

Annual Meetings

Every May/June, HTAi hosts an Annual Meeting:

2015 Oslo, Norway: Global Efforts in Knowledge Transfer: HTA to Health Policy & Practice

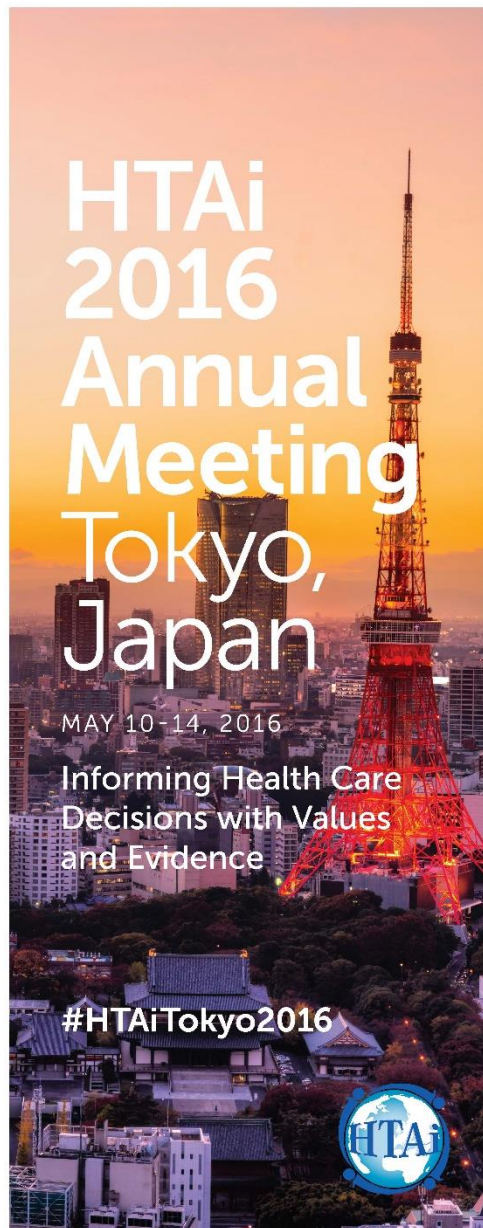
2014 Washington DC, USA: Optimizing Patient-Centered Care in an Era of Economic Uncertainty

2013 Seoul, Korea: HTA: Art or Science

2012 Bilbao, Spain: HTA for integrated care in a patient-centered system

2011 Rio de Janeiro, Brazil: HTA for Health System Sustainability

2010 Dublin, Ireland: Maximizing the value of HTA



HTAi Tokyo 2016

Theme: Informing Health Care Decisions with Values and Evidence

Sub-themes: Unlocking the Value Potential of New Technologies in Health Care, Waste in Science, Global Experiences in Universal Health Coverage

Abstract Submission Deadlines:

Panel & Workshops: November 2, 2015 Poster & Oral Presentations: November 30, 2016

Travel Grants Application Deadline: January 8, 2015

May 10-14, 2016

Keio Plaza Hotel, Tokyo, Japan #HTAiTokyo2016

Policy Fora

HTAi gather global HTA thought leaders from public and private sector organizations to support decisions or recommendations about product development and coverage; and engage in strategic discussions about the present state of HTA, its development and implications for health care systems, industry, patients and other stakeholders.

Main Policy Forum: January 2016, San Francisco

Asia Policy Forum: October 2015, Singapore

Latin America Policy Forum: April 2016

Partnerships

WHO HTAi is a non-governmental organization in official relations with the WHO

INAHTA Partner, MoU

Euroscan Partner, MoU

ISQua Partner, MoU

HTAi also collaborates with over 75 organizational members and regularly works with other like-minded organizations, societies to further promote/support HTA

Journal



The International Journal of Technology Assessment in Health Care (IJTAHC), published online quarterly by Cambridge University Press, is the official journal of HTAi

More Information



HTAi.org

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HTAiOrg



INAHTA

**International Network of Agencies for
Health Technology Assessment**

Overview

INAHTA was established in 1993 and now has
54 member agencies from
33 countries across all continents



INAHTA Member agencies (as at Sept. 2015)

- 54 agencies from 33 countries:
 - 45 in High income countries
 - 8 in Upper-middle income countries
 - 1 in Lower-middle income countries
- Agencies by region:
 - 31 Europe
 - 7 Latin American countries
 - 5 Australia & New Zealand
 - 5 Canada & USA
 - 4 Asia
 - 2 Africa

INAHTA Board of Directors (2015/16)



Chair

Dr. Brian O'Rourke,
CADTH, Canada



Vice Chair

Dr. Sophie Söderholm Werkö,
SBU, Sweden



Director

Dr. Jeonghoon Ahn,
NECA, Korea



Director

Mr. Christoph Künzli,
MTU-SFOPH, Switzerland



Director

Dr. François Meyer,
HAS, France



Director

A/Prof Tracy Merlin
AHTA, Australia



Director

Mrs. Debjani (Jani) Mueller,
CMeRC, South Africa



Ex Officio Members: A/Prof Wendy Babidge, ASERNIP-S,
Australia; Prof. Americo Cicchetti, Italy, HTAi

Mission of INAHTA

To serve our HTA agency members in areas of:

- **Advocacy** to promote HTA and evidence-based medicine
- **Collaboration** amongst international agencies, joint projects/areas of interest, assist newer agencies, common pursuits with external partners (international & regional networks)
- **Education & training** through mentorship, sharing materials & training opportunities
- **Sharing HTA experiences**: sharing methods/tools, avoid duplication
- **Understanding impact of HTA** and ways to optimizing engagement with decision makers

INAHTA Value Networks (VN)

INAHTA activities are organized according to four value networks.

A value network is:

“a web of relationships that generates both:

- **tangible value** (e.g., reports, documents, and events)
- **intangible value** (e.g., relationships, informal sharing, and learning) through exchanges between two or more individuals, groups or organizations.”

Value Networks (continued)

- **VN 1: Assessment programs, processes and methods**
 - To learn/collaborate
 - Develop professional communities of practice
- **VN 2: Knowledge transfer, uptake & impact of reports**
 - To support policy & clinical decision making
 - Collect & promote success stories
 - Compile inventories of tools/frameworks

Value Networks (continued)

- **VN 3: Education & training for staff**
 - Developing staff skills for development and continuous improvement
 - Identify training needs, inventory of educational programs
 - Organize webinars in ‘hot topics’
- **VN4: Agency development/capacity building**
 - Resources/ tools/ workshops
 - Frameworks to evaluate agency effectiveness
 - INAHTA Mentorship Program

INAHTA – Key Activities

- Annual INAHTA Congress: meeting of members for networking, sharing & learning
- Listserv
 - Queries via email
 - Summaries of answers
- Framework - impact of HTA on decision-making
- Methodology/tool sharing
- Access to member agencies reports
- Agency staff contact database
- New website – improved, links to other resources



Collaborating groups

HTAi	Memorandum of Understanding (MoU), Board observer, International HTA glossary
WHO	Collaborating partner, MoU
EuroScan	Collaborating partner, MoU
EUnetHTA	Collaborating partner, MoU
GIN	Collaborating partner, MoU
HTAsiaLink	Collaboration
PAHO	Collaboration
RedETSA	Collaboration



International Collaborations (examples)

- HTAi-INAHTA International Glossary of HTA terminology
 - English, French, Spanish, German language versions
 - Portuguese version in development
 - <http://htaglossary.net/>
- GINAHTA working group to leverage knowledge across areas of HTA and clinical practice guidelines
- INAHTA Mentorship program for HTA capacity building in partnership with WHO and other organizations

Interest to learn about China

- INAHTA is interested to learn more about HTA expertise and methods used in China.
- Is there a national or regional HTA network in China? Who could we contact to learn more?
- Contact Tara Schuller at the INAHTA Secretariat:

Tara Schuller, MSc
Executive Manager, INAHTA Secretariat
Email: INAHTA@ihe.ca
Telephone: (+1 Canada) 780-448-4881



China's Health Reform

- “The key solution lies in developing its research capacity to generate knowledge and translate it effectively into clinical practice and health policies that improve health care”
 - The Lancet, Editorial, Vol 386, October 10, 2015, p. 1419
- “...call for cultivation of and investment in clinical research in China, and emphasise that it is important for China to transform from being a knowledge adopter to a knowledge contributor in the clinical sciences”
 - The Lancet, Editorial, Vol 386, October 10, 2015, p. 1419

Reflections for China

- Formalize HTA as an approach and method to help inform health care reform
- Formalize and encourage the use of HTA in national, provincial and local settings – for example hospitals
- Invest in graduate education and training in HTA and systematic review
- Lead and contribute to a glossary in HTA for researchers, policy and decision makers in China

Reflections for China

- Commit to high standards of performance in HTA
- Encourage and invest in research and its application in HTA
- Raise the awareness and understanding of decision makers and policy makers of HTA
- Participate in international HTA collaborations
- Demonstrate the impact of using HTA

Thank you !

Gracias

Danke

Tak

Gràcies

Obrigado

Terima kasih

धन्यवाद

Dankjewel

Grazas

Kiitos

Merci

Eskerrik asko

Grazie

Takk

Ačiū

Dziękuję

Dziękuję

Mauruuru koe

Go raibh maith agat

감사합니다

Tack

Спасибо



<https://www.cadth.ca/>

<http://www.ihe.ca/>

<https://www.inesss.qc.ca/en/home.html>

<http://www.hqontario.ca/>

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 - <http://www.albertahealthservices.ca/4122.asp>