

Applied Knowledge Mobilization to Improve Health and Healthcare

THE CADTH EXPERIENCE

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Knowledge Mobilization

@JustSayIt_MD

CADTH

CADTH is a
health technology assessment (HTA)
agency



We inform technology-related
decision-making
in health care

What is a Health Technology?

- Pharmaceuticals (drugs, blood products, vaccines)
- Diagnostics
- Medical, dental, surgical devices
- Medical, dental, surgical procedures

HTA offers synthesized and critically appraised evidence on drugs, medical devices, diagnostics, and procedures – that is both reliable and timely.

HTA provides the EVIDENCE piece to the decision-making puzzle.

Our customers

- Federal government
- Provincial governments
- Regional health authorities
- Hospitals

Other users of our evidence:

- Academia, associations, physicians, nurses, pharmacists, allied health professionals, researchers, patients, health journalists

Our Products and Services

Drug Reimbursement Recommendations

- CADTH Common Drug Review (CDR)
- CADTH pan-Canadian Oncology Drug Review (pCODR)

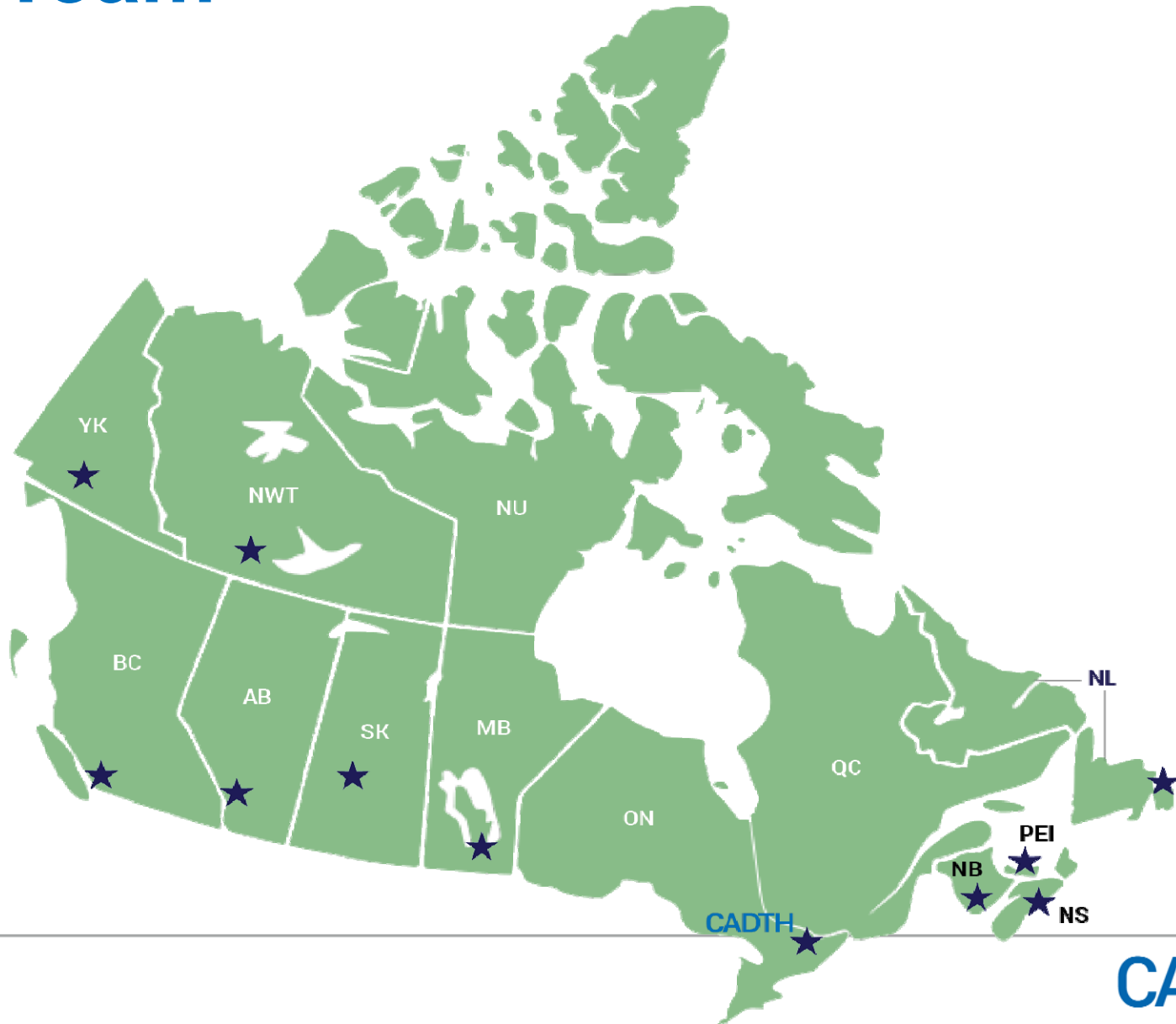
Health Technology Management Products

- Rapid Response Service
- Health Technology Assessment
- Optimal Use

Other

- Environmental Scanning
- Horizon Scanning
- CADTH Scientific Advice

Our Team



CADTH

POC INR Optimal Use Project

Objective:

- To support well-informed decisions about the acquisition and/or optimal implementation of POC INR technology
- To inform decision makers regarding the accuracy, as well as the clinical and cost-effectiveness of POC INR compared with standard laboratory testing, and compared with other POC INR devices.

Questions about POC INR vs. Lab

1. Is POC INR testing as effective as laboratory testing for determining whether INR is within the therapeutic range?
2. In what healthcare settings are there clinical and cost advantages or disadvantages for the use of POC INR testing over laboratory testing?
3. In what healthcare settings are there advantages other than clinical and cost (for example, access to testing or convenience) for POC INR testing over laboratory testing?
4. Is there one particular POC device that is superior to others in terms of clinical, cost, and other advantages?

POC INR – Bottom Line

- POC INR testing with any currently available POC INR device is an accurate alternative to lab INR testing.
- Patient self-management (POC INR testing + dose adjustment) is the most cost-effective option, when feasible.
- Patient self-testing with health care provider dose adjustment may be an option when lab INR testing is difficult.
- Clinic-based POC INR testing requires careful consideration of context and costs.

Applied KM for POC INR Project

- Hospital News article
- CMAJ.ca quiz
- Presentations (at national and regional conferences, medical education events, policy events)
- At-a-glance comparison tool for PSM, PST, Lab, Clinic
- Interactive costing tool
 - The tool helps estimate the total costs of PSM, PST, or clinic-based POC INR testing.
 - Allows users to enter setting-specific information regarding case load, practice patterns, and costs.

Fluconazole and Breastfeeding

- An “expert website” popular with breastfeeding mothers recommends treating mothers who experience painful breastfeeding with fluconazole for 6 weeks (for presumed ductal yeast infection)
- Clinic staff in a jurisdiction uncomfortable prescribing the medication (off-label, uncertain safety and effectiveness)
- Unable to find further information or evidence

Requesting the Evidence

Rapid Response Report:

Fluconazole Administration for the Treatment of Ductal Yeast Infections: Clinical Effectiveness and Safety

Research Questions:

1. What is the clinical evidence for the effectiveness of six-week fluconazole administration for the treatment of ductal yeast infections in breastfeeding mothers?
2. What is the short- and long-term safety of six-week fluconazole administration for the treatment of ductal yeast infections in breastfeeding mothers?

Results

- No Evidence Found

Applied KM for Breastfeeding and Fluconazole

- “Dear Patient” Letter from CADTH

Dear Patient,

Your health care provider has concerns about how well fluconazole works to treat sore nipples...and whether fluconazole is safe for breastfeeding babies.

- Patient and Provider pamphlet
- Other CADTH evidence on effective treatments for pain with breastfeeding

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ACMETS Preuves
à l'appui.