

A Scoping Review of Appropriateness of Care Research Activity in Canada from a Health System-Level Perspective

Étude de la portée des activités de recherche sur la pertinence des soins au Canada, du point de vue du système

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Appendix 3: Summary of Website Search Results (August 1, 2013 – December 31, 2013, with Update in April 2014)

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
Alberta Health & Wellness (AHW) http://www.health.alberta.ca	<p>Health Technologies and Services Policy Unit: Administers the Alberta Health Technologies Decision Process and supports the Alberta Advisory Committee on Health Technologies. It oversees the process by which the Decision Process Review reports are produced, in concert with its partners</p> <p>Prescription drug program, including the Alberta Drug Benefit List and reviews by Alberta's Expert Committee on Drug Evaluation and Therapeutics of drugs ineligible for the Common Drug Review (CDR). See also the New Drug and Supplementary Health Benefits Program, 2014</p> <p>Selected partners: Institute of Health Economics, University of Alberta, University of Calgary</p> <p>Note: Alberta Pharmaceutical Strategy, 2008</p>	Social, technological and economic reports, health technology assessments and evidence reports; completed and ongoing reviews	Drug reviews Health technology assessments	Reports

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Alberta Health Services (AHS)</p> <p>http://www.albertahealthservices.ca</p>	<p>Health Technology Assessment & Innovation (HTAI) Division Programs: 1. Assessment & Appraisal, 2. Reassessment, 3. Access with Evidence Development, 4. Innovation, 5. Knowledge Management & Translation, 6. HTAI Satellite Units (Local HTA)</p> <p>Office of Surgical Research: Surgical Health Technology Assessment database</p> <p>Strategic Clinical Networks and Operational Clinical Networks</p> <p>Note: AHS Research and Innovation Strategy 2012–2017, SCN draft guidelines (has an annual divestment recommendation requirement)</p>	<p>Health technology assessment education modules; limited reports and briefs on website</p>	<p>Health technology assessments</p>	<p>Tools</p>
<p>Alberta Innovates – Health Solutions (AIHS)</p> <p>http://www.aihealthsolutions.ca</p>	<p>Funding via Partnership for Research and Innovation in the Health System Competition for Strategic Clinical Networks and Operational Clinical Networks</p> <p>Note: AIHS uses the Canadian Academy of Health Sciences Evaluation Framework (which includes appropriateness as one element)</p>	<p>AIHS Publications page with search engine (limited content in this area)</p>	<p>Committees/ networks</p> <p>Funding Agency</p>	<p>Tools (limited)</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Atlantic Common Drug Review (ACDR)</p> <p>http://www.gov.ns.ca/health/Pharmacare/committees/acdr.asp</p>	<p>Formulary listing recommendations for the provincially funded drug plans in 4 provinces in Atlantic Canada (NS, NB, NL, PE). The ACDR Secretariat, the Atlantic Pharmacare Review Committee and the Atlantic Expert Advisory Committee (AEAC) are involved in assessing the clinical and cost-effectiveness of drugs that do not fall under the mandates of the National Common Drug Review (CDR) operated by CADTH or the Pan-Canadian Oncology Drug Review (see pCODR entry)</p>	<p>AEAC Decisions (although not publicly available on the website)</p>	<p>Drug reviews</p>	<p>Reports</p>
<p>British Columbia Cancer Agency (BCCA)</p> <p>www.bccancer.bc.ca</p>	<p>Initiatives: BCCA produces Cancer Management Guidelines, Chemotherapy Protocols, and the Cancer Drug Manual</p> <p>Selected partners include: Pan-Canadian Oncology Drug Review (see pCODR entry)</p> <p>Note: BCCA serves British Columbia and the Yukon and is an agency of the provincial health services authority</p>	<p>Cancer Management Guidelines, Chemotherapy Protocols and the Cancer Drug Manual; a monthly Systemic Therapy Update newsletter</p>	<p>Committees / networks</p>	<p>Tools</p>
<p>British Columbia Ministry of Health</p> <p>http://www.health.gov.bc.ca</p>	<p>Health Technology Review Process, Committee & Secretariat supports the reviews of new non-drug technologies, which are mostly hospital-based</p> <p>BC Pharmacare Program includes a Drug Review Process involving CADTH and the BC Drug Benefit Council, a Medication Matters initiative (http://www.medmatters.bc.ca) that promotes the best medication use to BC's health professionals, patients, and the public and provides a Provincial Academic Detailing service for health professionals</p> <p>Clinical Care Management Program, National Surgical Quality Improvement Program</p> <p>Note: Laboratory Services Plan, 2013</p>	<p>Ministry of Health reports and publications; PharmaCare Drug Coverage Decision Summaries (to 2010), Drug Therapy Infosheets / Updates</p>	<p>Drug reviews</p> <p>Health technology assessments</p>	<p>Reports</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>British Columbia Ministry of Health / British Columbia Medical Association (BCMA)</p> <p>http://www.health.gov.bc.ca/msp/legislation/msc.html</p>	<p>BC Medical Services Commission's (BCMSC) appropriateness-related committees include: 1. BCMA–BCMSC Working Committee to Review Standard Outpatient Diagnostic Requisition Forms & Related Issues; 2. Guidelines and Protocols Advisory Committee; 3. Patterns of Practice Committee</p>	<p>Clinical Practice Guidelines, Patient Information Summaries, flow sheets</p>	<p>Committees / networks</p>	<p>Tools</p>
<p>British Columbia Patient Safety and Quality Council (BCPSQC)</p> <p>http://bcpsqc.ca</p>	<p>BC Health Quality Matrix (appropriateness is one domain)</p> <p>Facilitates and promotes clinical improvement through support for related projects across the province: Clinical Care Management program support; Call for Less Antipsychotics in Residential Care (CLeAR) initiative; and the BC Surgical Quality Action Network</p>	<p>N/A</p>	<p>Committees / networks</p> <p>Quality measurement</p>	<p>Tools (limited)</p>
<p>Canada2020</p> <p>http://canada2020.ca</p>	<p>Limited</p> <p>Note: <i>Valuing health in Canada: Who, how, and how much? 2013</i> (analytical commentary)</p>	<p>See Publications page for background papers and analytical commentaries</p>	<p>Evaluations (limited)</p>	<p>Reports (limited)</p>
<p>Canada Health Infoway (CHI)</p> <p>https://www.infoway-inforoute.ca</p>	<p>Development of Indicators related to appropriateness</p> <p>Funding for the development of EMR and Telehealth systems</p> <p>Benefits Evaluations (e.g., EHR, Drug Information Systems, eHealth such as a Centralized Prescription Network in BC)</p> <p>Selected partners include: Federal/Provincial/Territorial governments</p>	<p>A resource section with a search engine and access to reports, technical documents, presentations and other products</p>	<p>Evaluations</p> <p>Funding agency</p> <p>Quality measurement</p>	<p>Reports</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Canadian Agency for Drugs and Technologies in Health (CADTH)</p> <p>http://www.cadth.ca</p>	<p>HTA-Related Reviews</p> <p>Common Drug Review (CDR) and Formulary (Canadian Drug Expert Committee)</p> <p>CADTH Optimal Use Projects (COMPASS)</p> <p>Rx for Change Database: Searchable, with evidence about intervention strategies to alter behaviours of health technology prescribing, practice, use</p> <p>Selected partners include: Federal/provincial/territorial governments, CIHR, KT Canada, OHRI, Cochrane Collaboration and the Pan-Canadian Oncology Drug Review. Secretariat for: Policy Forum and Health Technology Analysis Exchange</p>	<p>Optimal Use reports, Therapeutic Reviews, Technology (HTA) Reports, Common Drug Review Recommendations, Rapid Response Reports, Environmental Scanning Reports (environmental scans, technology updates, issues in emerging health technologies), Methods and Guidelines, Technology Overviews; Rx for Change Database</p>	<p>Drug reviews</p> <p>Health technology assessments</p>	<p>Reports</p> <p>Tools</p>
<p>Canadian Foundation for Healthcare Improvement (CFHI)</p> <p>http://www.cfhi-fcass.ca</p>	<p>Quality improvement projects (EXTRA, Atlantic Collaborative)</p> <p>Commissioned Research / Reporting (e.g., Cost Drivers and the Health System Series, Quality of Healthcare in Canada: A Chartbook, 2010)</p> <p>Conferences (Taming of the Queue, CEO Forum)</p> <p>Knowledge Translation (Improvement Stories, Myth Busters)</p> <p>Note: Limited internal activity related to system-level appropriateness of care; organization is a conduit for research and applied activity on the subject matter</p>	<p>A Publications and Resources web page with a link to a keyword search engine; reports, conference presentations, KT products</p>	<p>Committees / networks</p> <p>Evaluations</p>	<p>Reports</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Canadian Institute for Health Information (CIHI)</p> <p>http://www.cihi.ca</p>	<p>Research / Reporting including variations in surgical care, activity-based funding, annual health indicators report</p> <p>Performance Measurement Framework</p> <p>Health indicator development including “unnecessary duplication of medical tests reported by primary care providers”</p> <p>Databases including the National Prescription Drug Utilization Information System</p> <p>Selected partners include: Federal/provincial/territorial governments, Statistics Canada, Organisation for Economic Co-operation and Development</p>	<p>The searchable eStore is a key method of identifying reports, data extracts and interactive tools</p>	<p>Evaluations</p> <p>Quality measurement</p>	<p>Reports</p> <p>Tools</p>
<p>Canadian Institutes for Health Research (CIHR)</p> <p>http://www.cihr-irsc.gc.ca</p>	<p>Provides health research funding in many areas. Selected pan-Canadian initiatives receiving CIHR funding:</p> <p>Canadian Network for Observational Drug Effect Studies (CNODES) (http://www.cnodes.ca) A collaboration of researchers from across Canada, it aims to expand research skills in studying specific drug safety and effectiveness questions using multiple healthcare databases. It is also developing state-of-the-art analytical methods, conducting rapid evaluations of the risks and benefits of drugs on health and developing knowledge translation processes</p> <p>The Drug Safety and Effectiveness Network (DSEN) is a coordinated national network of 150 researchers with the capacity to respond in a timely manner to drug safety and effectiveness queries by decision-makers that can be addressed through DSEN-sponsored research</p> <p>Selected partners include: Health Canada</p>	<p>Searchable database of funded research projects and research collaborations. Missing or empty?</p>	<p>Funding agency</p>	<p>Tools</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Canadian Medical Association (CMA)</p> <p>http://www.cma.ca/</p>	<p>Policy development activities related to annual meetings and committee work, including an appropriateness definition, a 2013 appropriateness working group and a 2013 discussion paper</p> <p>The CMA is participating in the Choose Wisely Canada initiative</p> <p>CMA Policy Base</p> <p>CMA Infobase, Clinical Practice Guidelines Handbook</p> <p>Note: The password protected side of the site was not searched</p>	<p>See the Publications section for journals (<i>CMAJ</i>, <i>CMAJ Open</i>, <i>Canadian Journal of Surgery</i>), reports and bulletins; CMA Policy Base holds resolutions, policy documents, etc.; CMA Infobase holds Clinical Practice Guidelines</p>	<p>Committees / networks</p> <p>Evaluations</p>	<p>Reports</p> <p>Tools</p>
<p>Canadian Partnership Against Cancer (CPAC)</p> <p>http://www.partnershipagainstcancer.ca</p>	<p>Standards and Guidelines Evidence (SAGE) Database: CPAC's Cancer Guidelines Action Group has created a catalogue of standards and clinical practice guidelines in cancer control. It will also include indicators, benchmark documents, systematic reviews, health technology assessments and research articles.</p> <p>Selected partners include: Pan-Canadian Oncology Drug Review (see pCODR entry)</p>	<p>SAGE database; reports on prevention and screening, advancing quality, improving the cancer journey, research findings, First Nations, Inuit and Métis cancer control, best practices</p>	<p>Committees / networks</p>	<p>Reports (limited)</p> <p>Tools</p>
<p>Canadian Patient Safety Institute (CPSI)</p> <p>http://www.patientsafetyinstitute.ca</p>	<p>Antimicrobial stewardship program's quality and safety initiative to identify, initiate, and study appropriate antibiotic use (e.g., c-section prophylaxis)</p> <p>Note: Limited activity related to system-level appropriateness of care</p>	<p>Reports and other publications (not searchable); patient guidelines (most are safety-related)</p>		<p>Reports (limited)</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Canadian Task Force on Preventive Health</p> <p>http://canadiantaskforce.ca</p>	<p>Development of Clinical Practice Guidelines and Related Tools</p> <p>Evidence Review and Synthesis Centre conducts research on the methodology and process of developing systematic reviews and health technology assessments</p> <p>Selected partners include: Public Health Agency of Canada</p>	<p>Guidelines, or updates to guidelines, organized by year (not searchable)</p>	<p>Methods development / training</p>	<p>Tools</p>
<p>Cancer Care Ontario (CCO)</p> <p>https://www.cancercare.on.ca</p>	<p>Imaging Appropriateness initiative (lung and colorectal cancer)</p> <p>Program in Evidence-Based Care (PEBC) produces evidence-based guidance documents for all major cancer disease sites</p> <p>Unfunded Intravenous Cancer Drug activities include working with governments to assess appropriateness and cost-effectiveness of certain drugs</p> <p>Cancer Quality Council of Ontario and the Cancer System Quality Index (no “appropriate” domain but an “effective” domain)</p> <p>Research Networks, including pharmaco-economics</p> <p>Disease Pathway Management initiative used to set priorities, identify care gaps, provide tools to improve quality, access, appropriateness and care coordination</p> <p>Selected partners include: McMaster University (houses PEBC), Pan-Canadian Oncology Drug Review (see pCODR entry), Ontario Steering Committee for Cancer Drugs</p>	<p>Website Toolbox holds: PEBC Guidelines, Non-PEBC Guidelines, a Health Care Provider Library and an Apps Library (cervical screening, drug formulary, symptom management)</p>	<p>Committees / networks</p> <p>Reviews</p>	<p>Reports</p> <p>Tools</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Choosing Wisely Canada</p> <p>http://www.choosingwiselycanada.org</p>	<p>Choosing Wisely Canada is modelled after the American Board of Internal Medicine Foundation's Choosing Wisely Campaign. It focuses on overused and misused tests and procedures, as identified by Canadian medical specialty societies. This campaign is designed to help Canadian physicians make more informed decisions and provide guidance on appropriate care, as well as providing educational materials for patients and caregivers on common medical tests and procedures</p> <p>Selected partners include: Canadian Medical Association (CMA), six provincial medical associations, eight specialty medical societies, the Government of Ontario, the College of Family Physicians of Canada, The Commonwealth Fund, Patients Canada, the Royal College of Physicians and Surgeons of Canada, University of Toronto</p>	<p>Materials for physicians and patients in the series "Five Things Physicians and Patients Should Question." This includes recommendations geared for physicians from seven specialty medical societies and plain-language materials geared towards patients, families and caregivers</p>	<p>Methods development / training</p> <p>Committees / networks</p>	<p>Tools</p>
<p>Centre for Evaluation of Medicines (CEM)</p> <p>http://www.thecem.net</p> <p>CEM's Program for Assessment of Technology in Health (PATH) Research Institute</p> <p>http://www.path-hta.ca</p>	<p>CEM's special research units include Program for Assessment of Technology in Health (PATH), Clinical Pharmacology, and Biostatistics (it was difficult to assess the extent to which non-PATH units were pursuing appropriateness-related work)</p> <p>CEM education activities: Drug Safety and Effectiveness Cross-Disciplinary Training, funded under CIHR's DSEN initiative since 2011</p> <p>PATH programs: 1. Field Evaluation and Economic Assessment Program; 2. Health Technology Assessment Program; 3. Trial and Economic Modelling Methodology Program; 4. St. Joseph's Healthcare Hamilton's (SJHH) HTA Appraisal and Review Program; 5. HTA Educational Learning Program</p> <p>Selected partners include: McMaster University (affiliation), SJHH Centre for Evaluation of Medicines, Health Quality Ontario (HQO), CADTH</p>	<p>Books / book chapters, reports, peer-reviewed journal articles and abstracts, PATH annual reports</p>	<p>Health technology assessments</p> <p>Methods development / training</p>	<p>Reports</p> <p>Tools</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Centre for Health Economics and Policy Analysis (CHEPA)</p> <p>http://www.chepa.org</p>	<p>Ongoing research includes work in the areas of Health Technology Assessment (effectiveness and cost-effectiveness of health technologies, ethical and social impact), and Organization and Delivery of Care</p> <p>Selected partners include: McMaster University (affiliation), Health Quality Ontario (HQO)</p> <p>Note: A Citizens' Reference Panel on Health Technologies in 2009 and 2010</p>	<p>Working papers, books, peer-reviewed articles, editorials and government reports (there is a search engine); recent journal publications by CHEPA researchers are on the main page</p>	<p>Health technology assessments</p> <p>Methods development / training</p>	<p>Reports</p> <p>Tools</p>
<p>Centre for Health Services & Policy Research (CHSPR)</p> <p>http://chspr.ubc.ca</p>	<p>Ongoing research includes work in the areas of Pharmaceutical Policy, and Healthcare Use and Effectiveness</p> <p>Selected partners include: University of British Columbia (affiliation), Pharmaceutical Policy Research Collaboration</p> <p>Note: There were very few non-drug HTA publications on the website</p>	<p>CHSPR publications can be searched by keyword, date or topic</p>	<p>Health technology assessments</p> <p>Reviews</p>	<p>Reports</p> <p>Tools</p>
<p>Cochrane Collaboration</p> <p>http://www.cochrane.org</p>	<p>The Cochrane Library consists of the Cochrane Database of Systematic Reviews, Database of Abstracts of Reviews of Effects, Cochrane Central Register of Controlled Trials, Cochrane Methodology Register, NHS Economic Evaluation Database and Health Technology Assessment Database</p> <p>Selected partners include: Canadian Cochrane Centre (CCC) at The Ottawa Hospital's Centre for Practice-Changing Research and the Cochrane Policy Liaison Office (a substructure of the CCC) at McMaster University</p>	<p>Cochrane Library Main Page (database search) and Cochrane Summaries</p>	<p>Methods development / training</p> <p>Reviews</p>	<p>Reports</p> <p>Tools</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Conference Board of Canada</p> <p>http://www.conferenceboard.ca</p>	<p>Commissioned Research / Reporting (e.g., Home and Community Care in Canada: An Economic Footprint, 2012)</p> <p>Theme Groups: Health Innovation, Policy and Evaluation; Canadian Alliance for Sustainable Health Care; Disease Prevention and Management; Health System Design</p> <p>Note: Limited activity directly related to system-level appropriateness of care</p>	eLibrary of publications	Committees / networks	Reports (limited)
<p>Council of the Federation, Health Care Innovation Working Group (HCIWG)</p> <p>http://www.councilofthefederation.ca</p>	<p>Phase 1 work resulted in a 2012 report that includes but is not limited to support for the adoption of clinical practice guidelines (CPGs) for treating heart disease and diabetes</p> <p>Phase 2 work includes but is not limited to appropriateness of care information gathering, analysis and reporting to expand the CPG work and review the appropriateness of certain tests and procedures (e.g., diagnostic imaging)</p> <p>Note: The HCIWG is led by selected premiers and involves provincial/territorial ministers of health, with an anticipated tenure from 2012 to 2017</p>	HCIWG Report(s) and Related Communiqués	Committees / networks	Reports

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Drug Evaluation Alliance of Nova Scotia (DEANS)</p> <p>http://www.gov.ns.ca/health/Pharmacare/committees/deans.asp</p>	<p>Information gathering and analysis to inform reports, programs and initiatives that encourage appropriate drug use among Nova Scotians. A noted initiative is the STOPP-START criteria (to facilitate screening for potentially inappropriate prescribing in older persons)</p> <p>Evaluation regarding the impact of the information and methods of its dissemination on policy making, practitioner behaviour, consumer outcomes</p> <p>Programs conducted in association with Dalhousie University include: KATIE Program (http://katie.dal.ca) to support knowledge transfer; Academic Detailing Program (http://cme.medicine.dal.ca/ADS.htm)</p>	<p>Annual Summary Reports (describing programs / initiatives) on the DEANS page of the Government of Nova Scotia website; Dalhousie University's CME Academic Detailing Service Resources Web Page</p>	<p>Evaluations</p> <p>Methods development / training</p>	<p>Tools</p>
<p>Fraser Institute</p> <p>http://www.fraserinstitute.org</p>	<p>Hospital performance report cards for British Columbia, Alberta and Ontario (one indicator area is volumes of procedures)</p>	<p>See Report Cards section</p>	<p>Quality Measurement</p>	<p>Tools</p>
<p>Health Quality Council (HQC) (in Saskatchewan)</p> <p>http://hqc.sk.ca</p>	<p>Saskatchewan Surgical Initiative Variations and Appropriateness Working Group – key role</p> <p>Saskatchewan Drug Utilization and Outcomes Research Team</p> <p>Episodes (Trajectories) of Care initiative</p> <p>Quality Insight (http://www.qualityinsight.ca) website includes health indicator results related to appropriateness (e.g., hospital readmissions) Selected partners include: CIHR/CNODES</p>	<p>See the main page and the Research and Development section for information and resources</p>	<p>Committees / networks</p> <p>Evaluations</p> <p>Quality measurement</p>	<p>Reports (limited)</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
Health Quality Council of Alberta (HCQA) http://www.hqca.ca	<p>Alberta Quality Matrix for Health (appropriateness as a quality domain)</p> <p>Performance Reports, e.g., 2010 Measuring and Monitoring for Success (includes an appropriateness section)</p>	N/A	Quality measurement	Reports (limited)
Health Quality Ontario (HQQ) http://www.hqontario.ca	<p>HQQ Evidence Development and Standards Branch, Ontario Health Technology Assessment Committee (OHTAC)</p> <p>Appropriateness Initiative, Phase 2 includes Screening, Lab Tests, Drug Therapy</p> <p>Ontario Health Technology MAPS Project has reviewed the diffusion / uptake of 15 interventions, including bariatric surgery for morbid obesity, vitamin D testing, etc.</p> <p>Development of Clinical Handbooks for Quality-Based Procedures for Hip Fracture, Chronic Obstructive Pulmonary Disease (COPD), Congestive Heart Failure (CHF) and Stroke</p> <p>Annual quality performance report (appropriateness domain / indicators)</p> <p>Selected partners include: Ontario Ministry of Health and Long-Term Care, PATH, THETA, CHEPA, MaRS EXCITE (see relevant separate entries)</p>	OHTAC Assessment Series, OHTAC Recommendations, Rapid Reviews, Clinical Handbooks, Expert Consultations, Maps Project reports, Information about work in progress	<p>Health technology assessments</p> <p>Methods development / training</p> <p>Quality measurement</p>	<p>Reports</p> <p>Tools</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Health Technology Assessment International (HTAi)</p> <p>http://www.htai.org</p>	<p>Nine HTA Interest Subgroups on: disinvestment, ethical issues in HTA, hospital-based HTA, HTA-regulatory interactions, patient and citizen involvement, etc.</p> <p>Information: HTAi Vortal (http://vortal.htai.org), HTA Glossary of Terms, <i>International Journal of Technology Assessment in Health Care</i></p> <p>Green Park Collaborative, a pilot regarding the feasibility of / guidance for the life science industry on clinical study design to meet the needs of HTA organizations and coverage bodies</p> <p>Annual Conference (with INAHTA) and occasional Policy Forums (e.g., “Progressive–Adaptive Licensing and HTA,” 2014)</p> <p>Selected partners include: INAHTA</p> <p>Note: Multiple Canadian organizations are members, including CADTH</p>	<p><i>HTAi website:</i> Information, tools and publications; <i>HTAi Vortal:</i> HTA producers and networks, selected resources, SuRe Info, career development, bibliography (searchable)</p>	<p>Committees / networks</p> <p>Health technology assessments</p>	<p>Reports</p> <p>Tools</p>
<p>Institut national d'excellence en santé et en services sociaux (INESSS)</p> <p>http://www.inesss.qc.ca</p>	<p>Evaluations of the clinical advantages and costs of technology and health care interventions</p> <p>Prescription drug reviews</p> <p>Medical biology test assessments</p> <p>Methodology guides</p> <p>Hospital-based HTA initiative: Unité d'évaluation des technologies et des modes d'intervention en santé (UETMIS), in which INESSS collaborates with university academic hospitals that have an HTA unit</p> <p>Annual HTA and Innovative Technologies Forum (inaugural in 2013)</p>	<p>A searchable publications section holds evaluation reports and Clinical Practice Guidelines; recent peer-reviewed publications and reports are listed on the main page</p>	<p>Drug reviews</p> <p>Health technology assessments</p> <p>Evaluations</p>	<p>Reports</p> <p>Tools</p>

Appendix 3: Continued

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<p>Institute for Clinical Evaluative Sciences (ICES)</p> <p>http://www.ices.on.ca</p>	<p>Research and Reporting Programs with some consideration of appropriateness. Covers a range of research areas: Cancer, Cardiovascular and Diagnostic Imaging, Chronic Disease and Pharmacotherapy, Health System Planning and Evaluation, Kidney, Dialysis and Transplantation, Primary Care and Population Health, Mental Health and Addictions</p> <p>Applied Health Research Question Initiative</p> <p>Education includes Research Rounds, Academic Training</p> <p>Annual Symposium</p> <p>Selected partners include: Universities (Western, Ottawa, Queen's, Toronto), Canadian Cardiovascular Outcomes Research Team</p>	<p>A searchable publications page includes Practice Atlases, Investigative Reports, journal abstracts, monthly e-bulletin, etc.</p>	<p>Methods development / training</p> <p>Reviews</p>	<p>Reports</p> <p>Tools</p>
<p>Institute of Health Economics (IHE)</p> <p>http://www.ihe.ca</p>	<p>Health Technology Assessment Program includes: Generating health technology assessments for the Alberta government, a range of efforts to increase collaboration and strengthen assessment processes and various activities for the effective dissemination and impact of its findings</p> <p>Selected partners include: Government of Alberta, HTAi (IHE is its secretariat), Agencias y Unidades de Evaluación de Tecnologías Sanitarias</p> <p>Note: Report, <i>Health Technology Assessment on the Net International: 2013</i></p>	<p>IHE Publications Library and scientific articles</p>	<p>Health technology assessments</p>	<p>Reports</p>

Appendix 3: Continued

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<p>International Network of Agencies for Health Technology Assessment (INAHTA)</p> <p>http://www.inahta.org</p>	<p>Briefs (overviews of HTA, Systematic Reviews, etc.) and HTA Checklists that have been developed by member agencies</p> <p>Resources that provide guidance on HTA (e.g., an impact framework for reporting, "Handling Ethical Issues in HTA" report, etc.)</p> <p>Annual Meeting is held in conjunction with the HTAi Conference</p> <p>Selected partners include: HTAi</p> <p>Note: Canadian INAHTA members include CADTH, HQO, INESSS and IHE</p>	<p>A publications page holds INAHTA briefs, HTA checklists, HTA impact reports, joint projects, synthesis reports, newsletters; there is also a search page and a page with HTA resources</p>	<p>Committees / networks</p>	<p>Reports</p>
<p>Manitoba Centre for Health Policy (MCHP)</p> <p>http://www.umanitoba.ca/faculties/medicine/units/community_health_sciences/departmental_units/mchp</p>	<p>Population-based research and utilization studies</p> <p>Provincial data repository that allows for study of Manitobans' use of such services as physicians, hospitals, home care, nursing homes and prescriptions</p> <p>Selected partners include: CIHR/CNODES</p>	<p>Published reports (including the Manitoba Health Indicators Atlas), upcoming reports, lists of journal publications, presentations, other reports and special supplements</p>	<p>Evaluations</p> <p>Reviews</p>	<p>Reports</p> <p>Tools</p>
<p>Manitoba (Department of) Health</p> <p>http://www.gov.mb.ca/health/index.html</p>	<p>Manitoba Pharmacare Program: Manitoba Drug Benefits and Interchangeability (Drug) Formulary, which is based on CADTH recommendations (CDR) and the advice of the Manitoba Drug Standards and Therapeutics Committee</p> <p>Selected partners include: CADTH</p> <p>Note: Annual Statistics Report with appropriateness of (hospital) care section; Manitoba Bone Density Program Guidelines</p>	<p>Manitoba Drug Benefits and Interchangeability Formulary Bulletins and related documents</p>	<p>Drug reviews</p> <p>Evaluations</p>	<p>Reports (limited)</p> <p>Tools</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Manitoba Institute for Patient Safety (MIPS)</p> <p>http://www.mbips.ca</p>	<p>Little information relevant to appropriateness was found on this website</p> <p>Selected partners include: Safer Healthcare Now!, Canadian Patient Safety Institute (CPSI) and Manitoba Health</p>	N/A	Committees / networks	Limited
<p>MaRS, Excellence in Clinical Innovation and Technology Evaluation (EXCITE)</p> <p>http://excite.marsdd.com/#</p>	<p>Pre-market evidence development and evaluation of medical technologies for potential reimbursement approval by the Ontario government and licensing approval by Health Canada. Approved applicants pay for an evidence-based assessment (consisting of a clinical trial/field evaluation, a systematic review and an economic analysis). Additional services include: analyses of barriers to uptake, patient preference analyses, human factors and usability assessments, end-user training</p> <p>Selected partners include: HQO's OHTAC subcommittee</p>	The website provides information about each "Call for Innovation" (i.e., call for applications)	<p>Health technology assessments</p> <p>Methods development / training</p>	Tools
<p>McMaster Health Forum, including the Evidence-Informed Healthcare Renewal Portal (EIHR)</p> <p>http://www.healthsystemsevidence.org</p> <p>www.eihrportal.com</p>	<p>Health Systems Evidence Repository of research evidence syntheses about governance, financial and delivery arrangements within health systems, implementation strategies and economic evaluations</p> <p>The EIHR Portal (www.eihrportal.com) is integrated within Health Systems Evidence. It offers health system renewal information produced by Canadian stakeholders</p> <p>Selected partners include: Federal/provincial/territorial governments, CIHR, Cochrane Canada and CADTH (Rx for Change)</p>	Health systems evidence syntheses (evidence briefs for policy, systematic reviews, systematic reviews in progress and systematic reviews in the planning stages), economic evaluations, etc. (searchable); a Health Systems Evidence Service alerts e-mail subscribers to new syntheses of research evidence	Committees / networks	<p>Reports</p> <p>Tools</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
New Brunswick (Department of) Health http://www.gnb.ca/0051/index-e.asp	Prescription Drug Program includes CDR and the NB Prescription Drug Program Review Clinical Practice Guidelines (limited), e.g., Cervical Cancer Prevention and Screening Clinical Practice Guidelines, 2011 Selected partners include: ACDR, CADTH (see separate entries)	Use a keyword search of the website for information and to identify the limited CPGs	Drug reviews	Tools (limited)
New Brunswick Health Council (NBHC) http://www.nbhc.ca	Care experience surveys and health system report cards: Appropriateness is one of the domains with an associated set of indicators	Health system report cards; surveys	Quality measurement	Tools (limited)
Newfoundland and Labrador Centre for Applied Health Research (NLCAHR) http://www.nlcahr.mun.ca/chrsp	Contextualized Health Research Synthesis Program pursues: 1. health services/health policy projects; 2. HTA projects; and 3. projects that combine the two to produce reports.	Lists of Evidence in Context and Rapid Evidence reports	Committees / networks Evaluations	Reports
Newfoundland and Labrador, Department of Health and Community Services http://www.health.gov.nl.ca/health/	Prescription Drug Program participation in ACDR and CDR (drug reviews) Selected partners include: ACDR, CADTH (see separate entries)	Prescription Drug Program bulletins and newsletters	Drug reviews	Reports (limited) Tools (limited)
Northwest Territories Department of Health and Social Services http://www.hss.gov.nt.ca	Guidelines and clinical protocols for health professionals	Guideline updates and clinical protocols		Reports (limited) Tools (limited)

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Nova Scotia Department of Health and Wellness (DHW)</p> <p>http://novascotia.ca/dhw</p>	<p>Nova Scotia Pharmacare Programs, Nova Scotia Drugs and Therapeutics Committee: determines interchangeability among pharmaceutical products and recommends approved products for the Nova Scotia Formulary</p> <p>Clinical practice guidelines inventory, by provincial program areas</p> <p>Partnerships include: ACDR (serves as its Secretariat), CADTH (see separate entries)</p>	<p>Inventory of clinical practice guidelines, lists of interchangeable drugs</p>	<p>Drug reviews</p>	<p>Reports</p> <p>Tools</p>
<p>Ontario Ministry of Health and Long-Term Care (MOHLTC)</p> <p>http://www.health.gov.on.ca</p>	<p>Excellent Care for All Act – related activities, such as ECFAA Changes to the 2012 Physician Services Agreement, Schedule of Benefits</p> <p>Ontario Public Drug Program's Committee to Evaluate Drugs</p> <p>Expert Panel on the Appropriate Utilization of Diagnostic and Imaging Studies</p> <p>Selected partnerships include: Health Quality Ontario (HQO), ICES, CHEPA, PATH, CADTH</p> <p>Note: OHTAC and related evidence-based services migrated to HQO</p>	<p>Items related to key appropriateness initiatives above</p>	<p>Committees / networks</p> <p>Drug reviews</p> <p>Evaluations</p>	<p>Reports</p> <p>Tools</p>
<p>Ottawa Hospital Research Institute (OHRI)</p> <p>http://www.ohri.ca/ksgroup</p>	<p>OHRI Knowledge Synthesis Group (KS Group) performs knowledge syntheses, systematic reviews, health technology assessments, scoping reviews, rapid reviews, methods research</p> <p>Selected partners include: University of Ottawa and the Ottawa Methods Centre (affiliations), CIHR</p> <p>Note: It is home to various Canadian and international research initiatives (including BMG, CONSORT, PRISMA, KS Canada Network, CIHR-Designated Evidence on Tap Centre, CIHR-Designated DESN Collaborating Centre for Network Meta-Analysis)</p>	<p>See the KS Group Publications page for lists of reports and rapid reviews from 2011 and a link to the Ottawa Hospital Library</p>	<p>Methods development / training</p> <p>Reviews</p>	<p>Reports</p> <p>Tools</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
Pan-Canadian Oncology Drug Review (pCODR) http://www.pcodr.ca	<p>Assesses cancer drugs according to clinical evidence and cost-effectiveness. The assessment process includes an Expert Review Committee (pERC), 11 Clinical Guidance Panels (by tumour site) and Economic Guidance Panels</p> <p>Makes recommendations to guide government's drug funding decisions</p> <p>Selected partners include: Provincial/territorial governments (except QC), provincial cancer agencies, CPAC, CADTH</p>	Find a Review page lists drugs, associated review documents and links to associated publications (Initial Recommendations and Feedback, Clinical and Economic Guidance Reports, Final Recommendation, Provincial Funding Summaries)	Committees / networks Drug reviews	Reports Tools
Quebec Health and Welfare Commissioner (CBSE) http://www.csbe.gouv.qc.ca	<p>Citizen consultation and research activities to consider the Quebec health and social services system outcomes and to study the ethical aspects of emerging issues</p> <p>Reports include annual health system appraisal reports and performance reports using Commonwealth Fund health policy survey data</p> <p>Note: The Commissioner appoints a citizen consultation forum made up of 27 experts and citizens, some with healthcare expertise, such as health technologies</p>	See the Publications page for annual health system appraisal reports, performance reports based on Commonwealth Fund health policy survey data and other reports	Committees / networks Evaluations	Reports (limited)
Saskatchewan Ministry of Health http://www.health.gov.sk.ca	<p>Initiatives to encourage appropriate drug use: Drug Evaluation Services and Roving Professor Program, Saskatchewan Drug Information Service (with the University of Saskatchewan), RxFiles (an academic detailing program)</p> <p>Saskatchewan Drug Plan and Drug Review Process via the Drug Advisory Committee of Saskatchewan</p> <p>Saskatchewan Surgical Initiative includes the Variation and Appropriateness Working Group</p> <p>Selected partners include: HQC, University of Saskatchewan, CADTH</p>	Newsletter reviews, Q&As, Trial Summaries and up-to-date drug comparison charts (http://www.rxfiles.ca); Saskatchewan Drug Information Service (aka medSask; http://medsask.usask.ca)	Committees / networks Drug reviews Methods development / training	Tools

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
<p>Therapeutics Initiative (TI) – Evidence-Based Drug Therapy</p> <p>http://www.ti.ubc.ca</p>	<p>Provides physicians, pharmacists and others with up-to-date, evidence-based, practical information on prescription drug therapy (also includes podcasts)</p> <p>Publishes a Therapeutics Letter</p> <p>Conducts Drug Assessments</p> <p>Pharmaco-Epidemiology Research</p> <p>Selected partners include: University of British Columbia (affiliation), CADTH, CNODES, DSEN</p> <p>Note: From 2008 to 2012 there were successive funding cuts to TI and in 2012 the initiative lost access to patient data. To Oct 2013, about 30 researchers and educators were employed but many were planning to leave (Kermode-Scott, B. <i>BMJ</i> 2013;347:f6038).</p>	<p>Bimonthly Therapeutics Letters (to 2013); Drug Assessment Reports (to 2010); PharmacoEpidemiology Group Research Publications (to 2013)</p>	<p>Evaluations</p>	<p>Reports</p> <p>Tools</p>
<p>Toronto Health Economics and Technology Assessment (THETA) Collaborative</p> <p>http://theta.utoronto.ca</p>	<p>HTA research and decision support for researchers, policy makers and health service providers</p> <p>HTA training and learning opportunities include a Health Technology Assessment Institute for Decision Makers, an annual symposium (which focussed on disinvestment in 2012) and a Knowledge Translation to Policy KT day</p> <p>HTA Consulting Laboratory</p> <p>Selected partners include: Affiliated with the University of Toronto (Faculties of Medicine and Pharmacy, IHPME), University Health Network and Cancer Care Ontario</p>	<p>THETA publications include quarterly newsletter, reports, working papers, presentations; the website lists peer-reviewed journal articles (from 2012 to present day)</p>	<p>Committees / networks</p> <p>Health technology assessments</p>	<p>Reports</p> <p>Tools</p>

Appendix 3: Continued

Government or Organization	Appropriateness activity gathered from the website	Publications & Databases	Activities	Resources
Unité d'évaluation des technologies et des modes d'intervention en santé (UETMIS)	<p>Hospital-based HTA initiative Unité d'évaluation des technologies et des modes d'intervention en santé (UETMIS) in Quebec. Collaboration of university academic hospitals in Quebec that have HTA units. INESSS collaborates with UETMIS. Collaborating universities are:</p> <p>CHUM (Centre hospitalier de l'Université de Montréal): http://www.chumontreal.qc.ca/patients-et-soins/a-propos-du-chum/les-directions/la-direction-de-l-evaluation-des-technologies-et</p> <p>CHUQ (Centre hospitalier universitaire de Québec) http://www.chuq.qc.ca/fr/evaluation/uetmis/publications_uetmis/</p> <p>CHUS (Centre hospitalier universitaire de Sherbrooke) www.chus.qc.ca/le-chus/mission</p> <p>CHU (Centre hospitalier universitaire Sainte-Justine) www.chu-sainte-justine.org/Pro/micro-portails.aspx?AxelD=16</p> <p>McGill University Health Centre (MUHC), Technology Assessment Unit (TAU) http://www.mcgill.ca/tau</p>	Reports are published on the individual collaborating universities websites (some websites can be searched by keyword); HTA educational podcasts offered by MUHC	<p>Health technology assessments</p> <p>Methods development / training</p> <p>Committees / networks</p>	<p>Reports</p> <p>Tools</p>
University of Alberta, School of Public Health http://www.publichealth.ualberta.ca/en/research/progs/htpu.aspx	<p>Health Technology and Policy Unit (HTPU) creates knowledge to support fair, evidence-informed decision-making regarding the introduction and use of health technologies in Canada</p> <p>Selected partners include: University of Alberta (affiliation), IHE</p>	Nothing is posted on the HTPU section of the website	<p>Committees / networks</p> <p>Health technology assessments</p>	Limited
Yukon Territory Department of Health and Social Services http://www.hss.gov.yk.ca	<p>Guidelines and flow charts for recommended clinical care (e.g., flow charts for telehealth consultations)</p> <p>Note: Limited activity directly related to system-level appropriateness of care</p>	Guidelines and flow charts	Committees / networks	<p>Reports (limited)</p> <p>Tools (limited)</p>