The knowledge-to-practice gap in rehabilitation has spurred knowledge translation (KT) initiatives aimed at promoting clinician behavior change and improving patient care. Online KT resources for physical therapists and other rehabilitation clinicians are appealing because of their potential to reach large numbers of individuals through self-paced, self-directed learning. This article proposes best practice recommendations for developing online KT resources that are designed to translate evidence into practice. Four recommendations are proposed with specific steps in the development, implementation, and evaluation process: (1) develop evidence-based, user-centered content; (2) tailor content to online format; (3) evaluate impact; and (4) share results and disseminate knowledge. Based on KT evidence and instructional design principles, concrete examples are provided along with insights gained from experiences in creating and evaluating online KT resources for physical therapists. In proposing these recommendations, the next steps for research are suggested, and others are invited to contribute to the discussion.
The knowledge-to-practice gap in rehabilitation has spurred the development of knowledge translation (KT) initiatives aimed at changing clinician behaviors and improving patient care. Knowledge translation is defined as “a dynamic and iterative process that includes synthesis, dissemination, exchange and ethically-sound application of knowledge to improve the health of Canadians, provide more effective health services and products and strengthen the health care system.” Strong interest exists in determining the most effective methods to transfer knowledge to clinical practice. For physical therapists, active strategies involving multiple components, rather than more passive approaches, have been most effective at improving evidence-based behaviors.

The Internet can be an important platform for KT initiatives. E-learning refers to technology or Web-based education or training. The appeal of e-learning lies in its potential to guide large numbers of individuals through self-paced, self-directed learning of up-to-date multimedia content. A primary application of e-learning in physical therapy has been within professional (entry-level) and postgraduate continuing education. In contrast, we define online KT resources as e-learning products that translate evidence-based knowledge to disseminate information that increases awareness, informs clinical practice, and stimulates practice change.

Online KT resources can take many forms of varying complexities, including (but not limited to): websites, downloadable PDFs, blogs, wikis, chat forums, groups, educational modules, really simple syndication (RSS) feeds, podcasts, tags, social bookmarks, and social networking applications. Mairs et al undertook a systematic review of online KT strategies to promote interaction and knowledge exchange in health care and found that online KT can be a cost-effective way to link different stakeholders for timely and relevant information exchange, especially across geographic boundaries, but that challenges exist with access and users' knowledge of technology. Although online KT resources have been found to have a positive impact on self-reported knowledge and skills, few studies have documented their impact on therapist behavior change or patient outcomes. Stroke Engine, which is recognized for its rigor as a source for evidence-based content related to stroke rehabilitation, is an example of an online KT resource that has been documented as effecting changes in practice.

Researchers and clinicians looking to develop and evaluate online KT resources must consider the relative complexities involved in creating different types of tools and may benefit from key information in several areas. First, how can theory inform these processes? A KT theoretical framework is recommended to inform decisions relating to different stages of the KT process. The knowledge-to-action (KTA) cycle is one such framework that guides researchers in the process of creating and implementing KT initiatives, including online strategies, that target user needs, incorporate evaluation, and promote the sustainability of knowledge use (Fig. 1).

Second, how can evidence-based KT strategies be incorporated into
online KT development? “Inte-
grated” KT, which engages stake-
holders or end users from the begin-
ning of the process, is one strategy 
that can increase KT effectiveness 
and sustainability.3 Usability testing 
of the online resources is a critical 
component of this partnership.19 
Additionally, an awareness of the 
barriers to and facilitators of practice 
change can assist in targeting actions 
to maintain change over time.20 Mul-
ticomponent active KT strategies 
also are encouraged,1,25 but the 
multiple components must be 
described.4,23,24 Each of these con-
siderations can contribute to the 
selection of an appropriate online 
format for KT.

Finally, how can principles of 
instructional design inform online 
KT resource development? Instruc-
tional design principles provide con-
crete systematic guidance to inform 
the development of well-planned, 
effective, high-quality instruction 
that is replicable.25,26 Examples of 
these principles include tailoring 
content to the learner, creating 
learning objectives to guide content 
development and the selection of 
engaging teaching strategies, and 
establishing a method of evaluating 
learning.25,27,28 The ADDIE (Analysis, 
Design, Development, Implementation, 
Evaluation) model25–29 (Fig. 2) is 
an instructional design process that 
has been used to guide the develop-
ment of KT resources involving sim-
ulated learning environments to tar-
get practice skills in novice nurses26 
and for improving patient safety 
through knowledge transfer about 
teamwork and communication.30 
This popular model also has been 
adapted to inform the structure and 
format of e-learning by taking into 
account factors related to the online 
context.27,31–35 However, outside of 
curriculum development, demon-
strations of the application of the 
ADDIE model to KT and, more per-
tinently, to online KT within the field 
of rehabilitation have been lacking.

Integrating KT theory with instruc-
tional design principles while incor-
porating effective KT strategies for 
online formats can be complex. The 
purpose of this article is to address 
these challenges by proposing best 
practice recommendations for the 
development, implementation, and 
evaluation of online KT resources 
designed to translate evidence into 
practice in rehabilitation. The guid-
ance provided applies to a variety of 
online resource formats but is espe-
cially pertinent to the development 
of more complex, customized 
designs (eg, websites, e-learning 
modules). These recommendations 
draw upon research evidence from 
the KT and instructional design liter-
ature as well as on our experiences 
in developing, implementing, and 
evaluating online KT resources. Sub-
sequent steps are then proposed that 
will be needed to guide further 
research.

**Recommendation Development Process**

Each of the authors has recently cre-
ated, implemented, and evaluated 
online KT resources for physical 
therapists. One project was designed 
to translate research evidence about, 
and to train clinicians in, the use of 
virtual reality (VR) systems within 
neurorehabilitation.36 Another proj-
ect involved the development of a 
module to translate research evi-
dence about best practice manage-
ment principles in physical therapy 
for children with developmental 
coordination disorder (DCD).37,38 
Two additional projects supported 
the implementation of evidence-
based practice (EBP) processes by
clinicians: an e-learning course to train knowledge brokers (KBs) in facilitating EBP within their interdisciplinary teams and Web-based resources guiding clinicians in Sackett’s 5 steps of EBP. The Appendix provides a description of each of these projects. All projects involved consultation with and feedback from practicing clinicians to direct development of the content, design, and evaluation, as described in subsequent sections.

The authors met as a group to identify common challenges inherent in the process of developing online KT resources, to clarify lessons learned, and to outline a plan for developing the proposed recommendations. A literature review and our experiences with online KT development informed the generation of an initial list of recommendations. An iterative consensus-building process was used to link the recommendations to the KTA framework and ADDIE model components and to subsequently group them into 4 recommendations. Each recommendation contains specific steps for online KT resource development, implementation, and evaluation. Finally, concrete examples from our own experiences were incorporated to illustrate each of the recommendations (Table).

### Recommendations

We propose 4 recommendations for the development, implementation, evaluation, and reporting of online KT resources: (1) develop evidence-based, user-centered content; (2) tailor the content to an e-learning format; (3) evaluate results and disseminate knowledge. Figure 3 illustrates these recommendations, and the Table summarizes their associated steps and provides relevant examples.

**Recommendation 1:** Develop Evidence-Based, User-Centered Content

**Step 1: assess audience needs.** Once a knowledge-to-practice gap has been identified, the KTA framework suggests use of a “knowledge creation funnel” to develop evidence-based content and products that are targeted to user needs and local context.22 As such, involving end users (eg, representatives from the target audience) early on is encouraged.5 It may be valuable to complete a formal or informal assessment of end users’ needs and to determine their current level of knowledge about the topic, as outlined in the analysis phase of the ADDIE process.25,29

**Step 2: summarize evidence to address audience needs.** Tailoring content to the learner is a foundational principle of instructional design25,40 and a key concept of the knowledge creation phase of the KTA framework. The methods used to present the content will vary depending on the goal of the resource. For example, if the intent is to inform best practice in the clinical implementation of a tool, videos of experts using the tool may be required, whereas if the goal is to translate evidence about a disorder or treatment method, a systematic literature review might be necessary. Synthesizing knowledge is crucial, as too much information can disengage or overwhelm the learner, limiting retention.41 Providing key messages (“need to know”) while directing individuals to additional, in-depth resources (“nice to know”) is one way of addressing this dilemma. Alternatively, providing different streams or paths through the resources allows novices the opportunity to access all of the information in one location while more knowledgeable or experienced clinicians can bypass information with which they are already familiar.

**Step 3: use a theory, framework, or model.** Although the KT literature emphasizes the importance of using a theory, framework, or model to inform resource development, this is not often done. Colquhoun and colleagues12 found limited use of the Theory of Diffusion of Innovations, the Theory of Planned Behavior (TPB), or the Theory of Promoting Action on Health Behavior in KT rehabilitation research. This and other reviews provide recommendations about how to increase theory use in the design and implementation of KT strategies.5,6,42–44 A perusal of the available KT, behavioral change, or instructional design literature may help in selecting a framework or model (eg, KTA, TPB, ADDIE) that is suitable to guide the selection of content or the format of your material.

**Step 4: select an appropriate KT format.** A needs assessment can help to select, tailor, and target a specific KT format to meet the needs of the end user.17 To maximize learning throughout a Web-based resource, incorporating content in formats that target different learning styles is beneficial (eg, including written, visual, auditory, and hands-on features).45 A discussion forum, blog, wiki, or webinar in which users interact with each other and with resource developers might be another way to enhance participation in learning; indeed, it is the social aspect of exchanging ideas and building connections that is key to the success of these KT formats.17
### Table.
#### Summary of Recommendations, Steps, and Examples

<table>
<thead>
<tr>
<th>Recommendations</th>
<th>Steps</th>
<th>Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Develop evidence-based, user-centered content</td>
<td>1. Assess audience needs</td>
<td>• A needs assessment survey was administered to KBs to determine the content necessary to target knowledge and skill gaps related to specific KB competencies identified in the literature. (KB project)</td>
</tr>
<tr>
<td></td>
<td>2. Summarize evidence to address audience needs</td>
<td>• Evidence on DCD was synthesized from a recent comprehensive textbook chapter for physical therapists.57 (DCD resource) • Evidence on VR technology was summarized, and resources illustrating best practices for use of the VR system in practice were created, which included video clips and case scenarios. (VR resource)</td>
</tr>
<tr>
<td></td>
<td>3. Use a theory, framework, or model</td>
<td>• The KTA cycle was used to guide the development of the online products and to implement and evaluate the knowledge transfer. Principles of instructional design were applied in the development of content and format. (VR and DCD resources) • The Promoting Action on Research Implementation in Health Services (PARiHS) framework58 was used to guide the module content describing the KB role. (KB project) • An expanded Theory of Planned Behavior59 was used as the framework to evaluate the factors influencing VR adoption following the provision of the KT resource.60 Using the framework helped to identify primary intervention targets by facilitating the systematic measurement of factors known to influence technology adoption, including perceived ease of use and self-efficacy. (VR project)</td>
</tr>
<tr>
<td></td>
<td>4. Select an appropriate KT format</td>
<td>• Audit and feedback were incorporated through knowledge checks in which users entered responses and correct answers were provided when necessary. (VR and KB resources) • Written and video/audio content reinforced important learning points. (DCD and VR resources) • Interactive elements were incorporated (eg, case examples/simulated practice tasks in which learners could apply their learning in clinically relevant scenarios). Learners were provided with resources and tools (eg, software setting recommendations, an activity grading suggestions handout, needs assessment checklists, clinical “tip” sheets they could use in practice to facilitate the application of knowledge). (All projects)</td>
</tr>
<tr>
<td></td>
<td>5. Develop learning objectives</td>
<td>• Learners' pretest-posttest change in confidence with the learning objectives was assessed. (VR and KB resources)</td>
</tr>
<tr>
<td></td>
<td>6. Include multimedia content</td>
<td>• Videos were heavily emphasized, and screenshots showing different steps of the VR setup process were useful. (VR and DCD resources)</td>
</tr>
<tr>
<td>2. Tailor content to online format</td>
<td>1. Partner with a Web developer</td>
<td>• Although uploading a mock-up of drafted content was the original intent, in order to avoid time-consuming Web design changes, ideas were discussed with the Web developer, and only the final version was provided for uploading. (DCD resource)</td>
</tr>
<tr>
<td></td>
<td>2. “Mock up” content and navigational structure</td>
<td>• PowerPoint slides were helpful during the development phase, in addition to pen-and-paper diagrams. (VR and KB resources) • Flowcharts were drafted to provide a visual flow for site visitors, and the specifics of navigation between documents were discussed with the Web developer. (EBP resources)</td>
</tr>
<tr>
<td></td>
<td>3. Consider Web sustainability</td>
<td>• Navigation was based on a series of flowcharts representing the processes involved in each EBP step; specific tools supporting each process were embedded in the flowchart as direct links. The addition of resources to the flowcharts after Web publication resulted in the need for reformatting, which slowed the update. (EBP resources)</td>
</tr>
<tr>
<td></td>
<td>4. Pilot test with intended audience</td>
<td>• Content experts from the fields of motor learning and VR, as well as experts in resource development, provided a range of perspectives and levels of familiarity with the diverse content of the modules, enriching the feedback process. (VR resource) • Following end-user input, consultation with the Web designer yielded advice about how to make navigation through the resource interactive and nonlinear but easy to follow (eg, using a navigation bar or a tutorial explaining how to navigate the site). (DCD resource)</td>
</tr>
</tbody>
</table>

(Continued)
A systematic review by Mairs et al. provides an account of the various online KT interventions applied in health care, including discussion forums (eg, for access to current knowledge, promoting reflection, and creating social connections), online communities of practice (eg, for sharing, collaboration, and exposure to new experts and resources to facilitate best practices), knowledge management strategies (eg, for sharing practice information to foster collaboration and enhance care), and conferencing (including webinars for real-time communication to a broad audience in multiple formats involving social interaction). Mairs et al also cited studies involving wikis, blogs, and social media tools; however, no concrete recommendations are provided for identifying the most optimal online strategies for a specific audience or outcome, apart from undertaking an analysis of the users and their needs. Knowledge of the users, their local context, the evidence being translated, and the intended outcome of the KT intervention provides the foundation for choosing appropriate intervention mechanisms or strategies.1,46,47

**Step 5: develop learning objectives.** Linking activities and assessments of knowledge or skill gains
with specific learning objectives is a central principle of effective instructional design. Establishing learning objectives occurs early in the ADDIE process (design phase). Determining the key knowledge you hope to translate to your audience will allow you to develop content, craft learning experiences, and integrate evaluations (where appropriate) that support these objectives and that are meaningful to the user. A needs assessment can be helpful in generating relevant learning objectives from the perspective of the target audience. This step can be formalized within the resource by including assessment methods that determine whether learning objectives have been achieved (see recommendation 3 below) and that give learners clear expectations about the resource content.

**Step 6: include multimedia content.** Including multimedia content in an online KT resource makes it user-friendly and visually appealing, differentiating it from more didactic media. Use of relevant media can enhance the effectiveness of learning opportunities if content is targeted toward the learning objectives. Videos provide learners with concrete examples of how knowledge can be applied in practice. However, the time, cost, and skill required to produce these resources also must be considered, especially if pop-up animation or voice-overs are included. Technical and practical issues exist, such as the amount of Internet bandwidth required, the platform on which the resource will be posted (eg, access to YouTube), and the software required. When posting videos of patients online, privacy issues related to confidentiality are paramount.

![Diagram](https://example.com/diagram.png)

**Figure 3.** Framework for the development, implementation, evaluation, and reporting of knowledge translation (KT) resources.

**Recommendation 2:**

**Tailor Content to Online Format**

**Step 1: partner with a Web developer.** The design phase of the ADDIE process as adapted for e-learning informs the planning of the resource format and structure. Good communication with the Web developer who will design the format and organization of your resource is imperative when customized Web platforms or applications are to be used. As with any working relationship, a discussion of expectations and the individual’s background and experience will inform decisions. Deadlines, methods of sharing content with the developer, and clarifying opportunities to make changes once content is “live” should all be discussed.

**Step 2: “mock up” content and navigational structure.** An online KT resource can take many forms (eg, learning module or course format, interactive website, YouTube video). It may be difficult to visualize the final appearance of a website or online module. For customized designs, Web developers encourage the “mapping out” of each page of the site, including the navigational structure involved when users click on embedded links or move between Web pages. This planning can be time-consuming but will allow both you and the developer to visualize the end product. It may be helpful to consult with the Web designer for advice about how to make navigation through the resource interactive and nonlinear, but easy to follow (eg, using a navigation bar or a tutorial explaining how to navigate the site).

**Step 3: consider Web sustainability.** Online resources are unique because they have the potential to be “living” documents. Consider methods that will make it easy to update the resource when new evidence becomes available, or when new tools or content are created. Practical tips include keeping
of whether the online resource was created as part of a research study, it is important to evaluate how effective it was, regardless of whether the goal was to increase awareness, transfer knowledge, or elicit behavior.

Comprehension and retention can be tested, critical thinking can be evaluated using case scenarios where users make choices along a decision path, required task completion and analysis of responses can provide insights into competencies, and self-evaluation can assess learner confidence. Feedback also should be obtained on user perceptions about resource content and format to inform improvements.

A resource may be designed for single or repeated viewing. Design parameters of the Web platform may not allow learners to bypass required task completion on subsequent visits. A challenge lies in balancing the need for data collection with the ability of individuals to refresh their knowledge and access resources on which they have already been assessed. Making creative interactive activities or evaluations that can be feasibly accomplished without a heavy time burden on learners can be difficult.

The inclusion of interactive methods to assess learners’ understanding and retention of information while they are progressing through an online resource is essential. This evaluation could include multiple-choice questions, knowledge checks, open-ended questions, and activities in which users complete a task or skill. To make this element effective, developers can ensure that content development includes the provision of feedback to learners for each method of evaluation (eg, making the correct answer available after the user has selected his or her response). As noted in recommendation 1, linking evaluation to learning objectives is an essential component to facilitate engagement and the evaluation of learning over time. Consideration also can be given to the accreditation or continuing education requirements of the target population (for instance, by offering certificates indicating completion of a module or course).

If the goal of the resource is practice change, its impact on user behavior change should be assessed. The KTA framework emphasizes evaluating the sustainability of transferred knowledge. If implementing a series of KT resources, the retesting of learning introduced in earlier resources is one method of evaluating retention of knowledge or skills over time. Asking participants to complete questionnaires examining self-reported change in skills, knowledge, or behavior is one way to assess sustainability.

Recommendation 4: Share Results and Disseminate the Knowledge

Step 1: write scientific papers. Sharing results with the scientific and clinical communities will advance the field of KT. It is important to
report the process used to develop and evaluate the resource and to use recognized data collection techniques (including qualitative or mixed methods or evaluation tools that have established psychometric properties). Doing so will help others to interpret study results and replicate KT strategies in other contexts. Because KT interventions geared toward changing clinicians’ behavior can be complex, the field is working toward identifying their “functional components” through better description of content, outcomes, and consensus on terminology for different intervention strategies and through the development of recommendations for describing important elements of the intervention.24

Step 2: share information with target audience. Your target audience may not have access to the scientific literature, making multiple methods of knowledge dissemination essential. Presentations or short articles posted on relevant websites are 2 such KT strategies for knowledge exchange of study results. Also, consider sharing your resource more widely. Distribution strategies include the use of social media and listserves, e-mails to relevant organizations or associations, the hosting of workshops, and promotions at conferences, during outreach visits, and at stakeholder meetings.

Step 3: maintain knowledge “currency.” The team should have an individual whose role is to maintain and update the resource, including content, navigation, software and server requirements, and external Web links, as applicable. Ensure that funds are built into a grant proposal or that organizational partnerships are established to support this work.

Discussion
We have drawn from the literature and our experiences to propose best practice recommendations for the development, implementation, evaluation, and reporting of online KT resources in rehabilitation. Four specific recommendations were presented, along with accompanying steps. Although these are preliminary suggestions, they advance KT science by suggesting recommendations in this area that integrate evidence and theory from pertinent fields. The recommendations proposed may help to promote the development of high-quality online KT resources and, with an emphasis on evaluation, should encourage the development of resources that have greater potential for changing practice.

We invite discussion, debate, and further development on these proposed recommendations to explore their utility across contexts, as well as their validity for online formats of varying complexities. Anticipated next steps include having researchers and clinicians implement these recommendations in the development of other KT resources and provide feedback on their utility. More research is needed to explore how online KT resources can incorporate strategies that lead to lasting behavior change and how the sustainability of knowledge transfer can be evaluated following an online KT intervention. A scoping review being conducted on this topic by Tricco and colleagues59 may prove useful in developing a framework for assessing the sustainability of KT interventions. Developing a standardized method of evaluating the content of online KT resources and comparing different methods of disseminating similar types of content also will be essential. Indeed, although checklists for quality assurance and evaluation are available for e-learning course developers,33,56 none are specific to online KT resources.

Conclusion
The recommendations provided here may be useful to guide researchers and others through the development, evaluation, and reporting of online KT resources. We invite discussion about, and further development of, these recommendations to support their integration into practice. Knowledge translation science is advanced when knowledge from different domains is combined with relevant experience. We do so here to promote and advance the understanding and reporting of online KT initiatives that encourage behavior change that advances practice and improves the quality of patient care. All authors provided concept/idea/study design and writing. Ms Glegg, Dr Camden, and Ms Rivard provided data collection and analysis. Dr Levac provided project management. Ms Glegg, Dr Camden, Ms Rivard, and Dr Missiuna provided consultation (including review of the manuscript before submission).


References

All authors provided concept/idea/study design and writing. Ms Glegg, Dr Camden, and Ms Rivard provided data collection and analysis. Dr Levac provided project management. Ms Glegg, Dr Camden, Ms Rivard, and Dr Missiuna provided consultation (including review of the manuscript before submission).
<table>
<thead>
<tr>
<th>Page</th>
<th>Reference</th>
</tr>
</thead>
</table>
Appendix.
Projects Supporting the Implementation of EBP Processes by Clinicians

Project 1: VR Resources

Background: Virtual reality systems are promising treatment options for physical therapists and occupational therapists in stroke rehabilitation because they incorporate motor learning principles of task-oriented, challenging, and motivating practice. However, clinicians face challenges when integrating VR into clinical practice, including limited availability of training that supports the implementation of VR-based therapy with a motor learning focus. This project created online learning resources to promote motor learning–based integration of GestureTek’s IREX and Gesture Xtreme systems into clinical practice. The 3 e-learning modules provide foundation knowledge about evidence for VR use in neurorehabilitation, neuroplasticity, motor learning principles, IREX/GX game characteristics, setting SMART goals, and implementing motor learning strategies. As a component of a larger knowledge translation initiative, the modules led to improvements in therapists’ behavioral control, self-efficacy, and VR knowledge.

Weblink: http://www.vr4rehab.com

Project 2: DCD Educational Resource

Background: Most physical therapists working with children with DCD focus on treating “impairments,” an approach that we know from recent evidence is ineffective. Physical therapist services for children with DCD need to be timely, grounded in the best available evidence, and aimed at helping children increase their participation in everyday physical activities. This project developed and evaluated the use of a Web-based DCD educational resource for physical therapists. The DCD physical therapy module is composed of 5 sections: (1) identification, (2) planning interventions and goals, (3) EBP, (4) management, and (5) resources. They all include subsections embedding case scenarios, clinical applications, interactive media, links to resources, and interactive learning opportunities. The resource changed physical therapists’ self-perceived DCD knowledge and skills and supported them to implement EBP.

(Continued)
Appendix.
Continued

Best Practice Recommendations for Online Knowledge Translation

Physiotherapists can make a difference in the lives of children with Developmental Coordination Disorder (DCD)

Developmental Coordination Disorder (DCD) is a common but under-recognized movement skill disorder that significantly affects children's everyday functioning. This site will provide you with information and resources to provide evidence-based services to children who may have DCD.

Get to Know Max ➔

Are Some Approaches Better?

Some approaches are better to help generalization of skills and foster children's participation.

- Some interventions are better than others at helping children with DCD learn the skills they need for their lifetime.
- Children with DCD have difficulty learning new skills, show inconsistency in motor performance, and have difficulty generalizing their motor learning.
- Interventions that help children with DCD 'learn how to learn' are beneficial.
- Intervention should increase participation, foster well-being, and prevent secondary consequences.

Information & Intervention Strategies

- Children with DCD have motor-learning deficits. To help them learn and generalize new tasks, it is important to incorporate a focus on cognition, emphasizing strategy development and problem solving.
- The EACD Guidelines and the Movement Matters website provide more information on the best approaches for children with DCD.


(Continued)
Appendix.
Continued

Project 3: Knowledge Broker E-Learning for EBP Evaluation

Background: A KB model was introduced at a health center; training and access to evidence to support the role were identified as a priority. This 3-module e-learning course introduces health care professionals to the KB role of capacity builder and fosters the development of evidence-based knowledge brokering competencies through the use of interactive activities and embedded resources that can be applied by KBs within interprofessional teams or discipline groups to facilitate evidence-informed practice.


(Continued)
Project 4: Web-Based EBP Resources

**Background:** Clinicians lack the time to seek out, access, and appraise EBP tools to assist them in incorporating the best, clinically relevant evidence with clinical judgment to guide decision making. A lack of consistency in EBP processes across disciplines also exists. Recurring questions by clinicians about EBP processes and terminology pointed to the need for targeted resource support. A comprehensive Web-based toolkit of resources was compiled to meet the EBP knowledge, skill, and efficiency needs of clinicians across a range of health professions.

**Weblink:** http://www.childdevelopment.ca/Evidencecentre/EvidenceBasedPractice.aspx

---

*EBP = evidence-based practice; VR = virtual reality; IREX = GestureTek’s Interactive Rehabilitation Exercise; GX = Gesture Xtreme; SMART = specific, measurable, achievable, realistic, time-related; DCD = developmental coordination disorder; KB = knowledge broker."