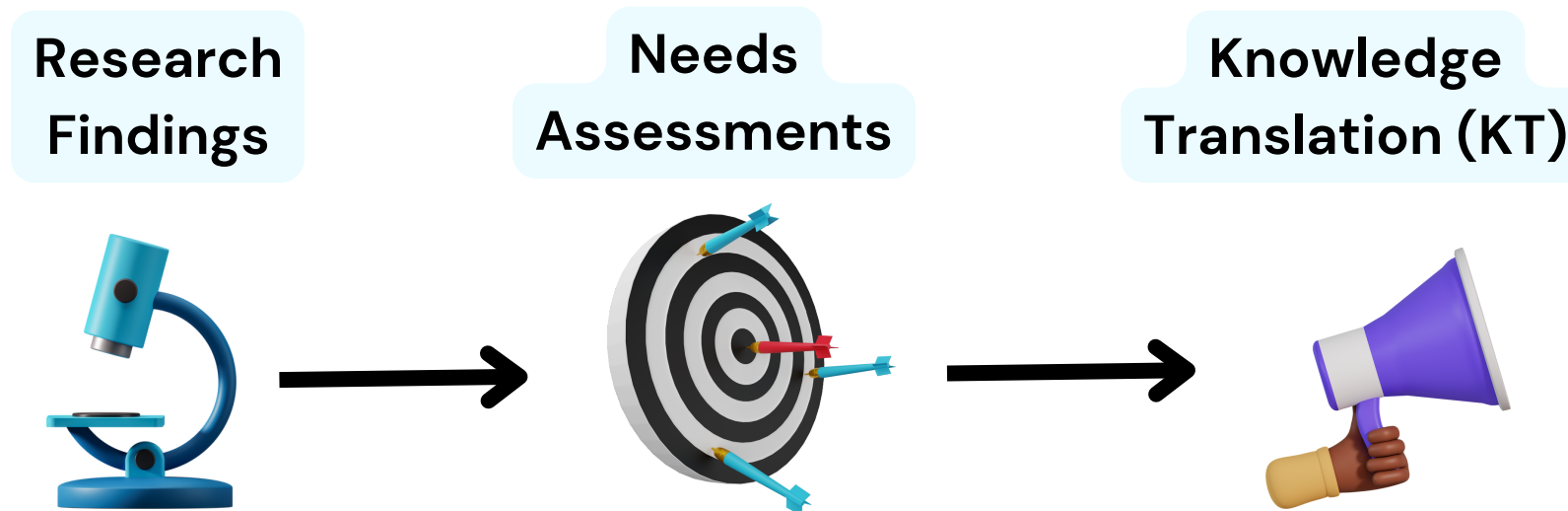


Using knowledge translation to optimize the development, dissemination, and use of three psychosocial measures in pediatric rehabilitation

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Background

- 1) RASC: Resiliency-Related Adaptive Self-Capacities
- 2) PRIME: Pediatric Rehab. Intervention Measures of Engagement
- 3) ELICS: Effective Listening and Interactive Communication Scales



Objective

Apply KT theory and practice to support the **development, dissemination, and use** of these three measures.



Process

1. **Literature Scan:** orientation to KT theory, review of measure-development publications, and scan of existing methods of disseminating measure-related information
2. **Needs Assessments:** identify dissemination readiness of each measure and unmet needs for each research team
3. **KT Product Development:** graphic design, strategic communication while improving accessibility and diversity

Level of Maturity of Evidence-Based Measures



Knowledge translation can support family-centred care by increasing the reach and use of evidence-based measures.

PRIME
The Pediatric Rehabilitation Intervention Measure of Engagement (PRIME) team

Other-Report	Self-Report
PRIME-O Observer rates engagement of client, parent, service provider	PRIME-G Parent rates their own engagement (over multiple sessions)
PRIME-SP Service provider rates engagement of client and/or parent	PRIME-P Parent rates their own engagement (in a single session)
PRIME-PC Parent rates their child or youth's engagement	PRIME-C Client (child or youth) rates their own engagement



THE 4 RASCS
RESILIENCY-RELATED ADAPTIVE SELF-CAPACITIES
Developing, validating, and examining the utility of a measure of resiliency for rehabilitation

- ACTIVITY SELF-EFFICACY**
Confidence about your ability to do the behaviors necessary to achieve a future state.
- MARSHALLING RESOURCES & SUPPORTS**
Negotiating formal services, directing your care, seeking supportive friendships and relationships, and advocating for your needs and rights.
- LIFE SITUATION ADAPTABILITY**
Accepting a new reality or continuing to strive, and either readjusting goals or continuing to pursue a goal.
- ENVISIONING A POSITIVE FUTURE**
A sense of goal-directed determination combined with a planned pathway to meet goals, leading to hope.

ELICS
Listening Stances
Effective approaches to support responsive, person-centred listening and communication in rehabilitation

- Receptive Listening**
By being mindful of the client's situation and perspective, you can gain a full understanding of their concerns and expectations regarding the intervention.
- Exploratory Listening**
By creating a dialogue, you can encourage questions, information sharing, and establish clarity about issues to help the client move towards a desired change.
- Consensus-Oriented Listening**
By explaining rationales, brainstorming with the client, and co-creating a mutual perspective jointly determined goals can be established.
- Action-Oriented Listening**
By supporting and enabling clients to plan outcome-oriented aspects of the intervention, they can move forward in achieving their goals and gain a sense of control.

Results & Products

Results:

1. An improved understanding of the **dynamic, interconnected nature of these three evidence-based measures** as they exist in pediatric rehabilitation practice
2. A collaborative **KT needs assessments for three measures** varying in dissemination readiness
3. An appropriate **KT strategy for each measure**, including end-of-grant KT products and integrated KT supports aligned with each team's goals

Products:

- Infographics
- PowerPoint templates
- Media libraries (images, audio)
- Graphical figures for scholarly articles
- Evaluation surveys/assessment tools
- Branding packages (logos, colour palettes)
- Insertable PowerPoint slides

Scan the QR code to view more products!

Conclusion

Interdisciplinary collaboration, needs assessments, and KT planning are necessary for effective research dissemination. We have obtained knowledge user feedback on several new KT products and are **developing an evaluation scheme** for acceptability, interest, and reach.

Relevance



These evidence-based measures are designed to **support optimal care for children with disabilities.**

Effective KT supports reach and use, promoting **effective listening, therapeutic engagement, resiliency, and family-centred care.**

Increasing adoption of psychosocial measures by clinicians and researchers has **potential benefit for clients worldwide.**