A scoping review to examine practice-based clinical-research partnerships
Meghan Vollebrugt, Lisa Archibald, Julie Theurer, & Janis Oram Cardy

1. Communication Sciences and Disorders, The University of Western Ontario
2. The Brain and Mind Institute, Department of Psychology, The University of Western Ontario
(mvollebr@uwo.ca)

Introduction

- In speech-language pathology, a considerable research-practice gap exists for various reasons including: time lag, reliance on journals for dissemination, and clinicians' difficulty maintaining fidelity to protocols.
- Practice-based research (PBR) is an active approach that creates knowledge at the point of implementation for the clinician to minimize this research-practice gap.

Our Model

Collaborative Practice-Based Clinical-Research Partnerships

Method

Scoping Review:
- Key word searches
- Databases: Web of Science, PubMed, CINAHL, PsychINFO, Scopus, Ovid, and Cochrane Library

Scoping Review Procedures

- Records identified through database searching and additional records identified through other sources n = 658
- Records after duplicates removed and records screened n = 483
- Full-text assessed for eligibility n = 29
- Studies included n = 17

Conclusions

Preliminary results include a descriptive numerical summary and a thematic analysis.

Key Findings

- Location
  - Australia: 41%
  - United States: 35%
  - Canada: 24%
- Participants
  - SLPs: 63%
  - Other allied health professionals: 21%
  - Caregivers: 15%
- Disorder Area
  - Stroke care: 25%
  - Physical disabilities: 25%
  - Child language: 24%
- Level of Co-creation
  - Capturing practice: 53%
  - Changing practice: 41%
- Creating practice: 6%

References

- Olswang et al., 2015
- Arcuri et al., 2015
- Douglas, 2016
- Parpanah et al., 2015
- Foster et al., 2015
- Hadely et al., 2014
- Imm et al., 2015
- Jeng, 2015
- Justice et al., 2015
- Miao et al., 2015
- Campbell et al., 2013
- Cunningham et al., 2016
- Cunningham et al., 2018
- Dale et al., 2015
- Feuerstein et al., 2017
- Molfenter et al., 2009
- Smith et al., 2011

Results

Data extrapolation for 17 articles read in full

<table>
<thead>
<tr>
<th>Location</th>
<th>Participants</th>
<th>Disorder Area</th>
<th>Data Source</th>
<th>Level of Co-creation</th>
<th>Consultative or Collaborative</th>
<th>Buzzwords Used in Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>SLPs</td>
<td>children with disabilities</td>
<td>qualitative</td>
<td>creating practice</td>
<td>collaborative</td>
<td>implementation research</td>
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<tr>
<td>Canada</td>
<td>Parents and HCP*</td>
<td>children with significant delays</td>
<td>parent questionnaire responses</td>
<td>capturing practice</td>
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<td>SLPs</td>
<td>dysphagia/stroke care</td>
<td>survey responses</td>
<td>capturing practice</td>
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<tr>
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<td>SLPs</td>
<td>cerebral palsy</td>
<td>survey responses and client outcome</td>
<td>capturing practice</td>
<td>collaborative</td>
<td>research-practice gap</td>
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<td>SLPs</td>
<td>synarthria</td>
<td>client performance</td>
<td>capturing practice</td>
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<td>preschool</td>
<td>pre-test intervention responses</td>
<td>capturing practice</td>
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<tr>
<td>Australia</td>
<td>nurses and SLPs</td>
<td>stroke care</td>
<td>pre-test survey responses</td>
<td>capturing practice</td>
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<tr>
<td>United States</td>
<td>SLPs, educators, admin. staff</td>
<td>children with physical disabilities</td>
<td>clinic attitude, fidelity and child's performance</td>
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<td>implementation research</td>
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<td>interview responses</td>
<td>capturing practice</td>
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</tr>
</tbody>
</table>

- indicates information unavailable; *HCP = health care professionals

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