

## Supplementary Material

### **Understanding factors that influence goal setting in rehabilitation for paediatric acquired brain injury: a qualitative study using the Theoretical Domains Framework**

*Sarah Knight*<sup>A,B,C,D,\*</sup>, *Jill Rodda*<sup>A</sup>, *Emma Tavender*<sup>A</sup>, *Vicki Anderson*<sup>A,B,C</sup>, *Natasha A. Lannin*<sup>E,F</sup> and *Adam Scheinberg*<sup>A,C,D,E</sup>

<sup>A</sup>Clinical Sciences, Murdoch Children's Research Institute, Melbourne, Vic., Australia

<sup>B</sup>Melbourne School of Psychological Sciences, The University of Melbourne, Vic., Australia

<sup>C</sup>Department of Paediatrics, The University of Melbourne, Vic., Australia

<sup>D</sup>Victorian Paediatric Rehabilitation Service, The Royal Children's Hospital Melbourne, Vic., Australia

<sup>E</sup>Department of Neuroscience, Monash University, Melbourne, Vic., Australia

<sup>F</sup>Alfred Health, Melbourne, Vic., Australia

\*Correspondence to: Email: [sarah.knight@unimelb.edu.au](mailto:sarah.knight@unimelb.edu.au)

Recommendation:

The multi-disciplinary team should work in active partnership with the child or young person and family in: the formulation and agreement of individualised goals across health domains to develop a unified and coordinated approach across disciplines, goal setting and decision making around intervention plans, and the identification of priorities when considering rehabilitation options

What main factor(s) do you think influence the implementation of this recommendation?

<b>TDF Domains/ Definitions</b>	<b>Examples</b>	<b>Factors help/ hinder</b>
<b>Knowledge</b> <i>Awareness of the existence of something.</i>	<i>Are we aware of X?</i> Do not understand importance of monitoring temperature in certain patients	
<b>Skills</b> <i>Ability or proficiency acquired through practice.</i>	<i>Do we know how to do X?</i> Lack of ability to conduct a swallow screening	
<b>Social professional role &amp; identity</b> <i>Coherent set of behaviors &amp; displayed personal qualities of an individual in a social or work setting.</i>	<i>Is X part of our professional role?</i> Nurses unable to administer non-oral paracetamol without written order	
<b>Beliefs about capabilities</b> <i>Acceptance of the truth, reality, or validity about an ability, talent, or facility that a person can put to constructive use.</i>	<i>How confident are we that we can do it?</i> Uncertainty re use of criteria to select patients for .....	
<b>Beliefs about consequences</b> <i>Acceptance of the truth, reality, or validity about outcomes of a behaviour in a given situation.</i>	<i>What do we think will happen if we do or do not do it?</i> Belief triage allocation will not impact on patient's outcome	
<b>Intentions</b> <i>A conscious decision to perform a behavior or a resolve to act in a certain way</i>	<i>Will we intend to do X every time?</i> Only when staff are not busy, will they formally test	
<b>Memory, attention and decision processes</b> <i>Ability to retain info, focus selectively on aspects of environment + choose between two or more alternatives.</i>	<i>Will we remember to do X?</i> Staff overlook documentation of reasons for not administering drug	

<b>TDF Domains/ Definitions</b>	<b>Examples</b>	<b>Factors help/ hinder</b>
<p><b>Environmental context and resources</b>  <i>Any circumstance of a person's situation or environment that discourages or encourages the development of skills + abilities, independence, social competence, adaptive behavior.</i></p>	<p><i>Are there physical or resource factors which will help or hinder X?</i>            Lack of thermometers            Competing priorities in workload</p>	
<p><b>Social influences</b>  <i>Interpersonal processes that can cause individuals to change their thoughts, feelings, or behaviors.</i></p>	<p><i>Will we see others doing X?</i>            Formal testing is not part of routine practice</p>	
<p><b>Emotion</b>  <i>A complex reaction pattern, involving experiential, behavioral, and psychological elements, by which an individual attempts to deal with a personally significant matter or event.</i></p>	<p><i>Does X invoke an emotional response?</i>            Uncertainty about use of criteria to select patients for...</p>	
<p><b>Behavioral regulation</b>  <i>Anything aimed at managing or changing objectively observed or measured actions.</i></p>	<p><i>What steps are needed to do X?</i>            Nurses routinely and 'automatically' treat at a different temperature limit</p>	