

Patient priorities for brain health equity in traumatic brain injury: A priority-setting initiative using the PROGRESS-Plus framework

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Introduction

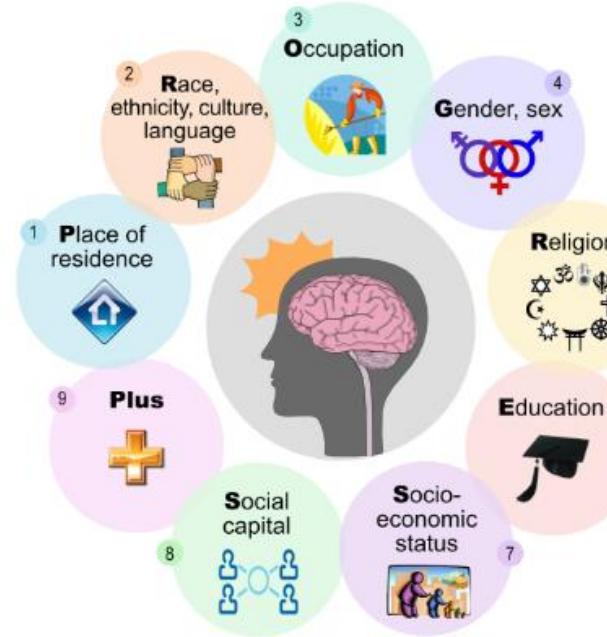


Fig. 1: PROGRESS-Plus framework²

- Traumatic brain injury (TBI) is an injury caused by an external force
- People's outcomes differ based on social characteristics (Fig. 1)
- It is unknown what people with TBI and other interest groups think about the role of social parameters in brain health outcomes
- This knowledge is important for person-centered rehabilitation

Objective

- To ask people with TBI and other interest groups to rank their priorities on social parameters that matter most to them

Methods

- We followed a step-wise prioritisation process (Fig. 2)

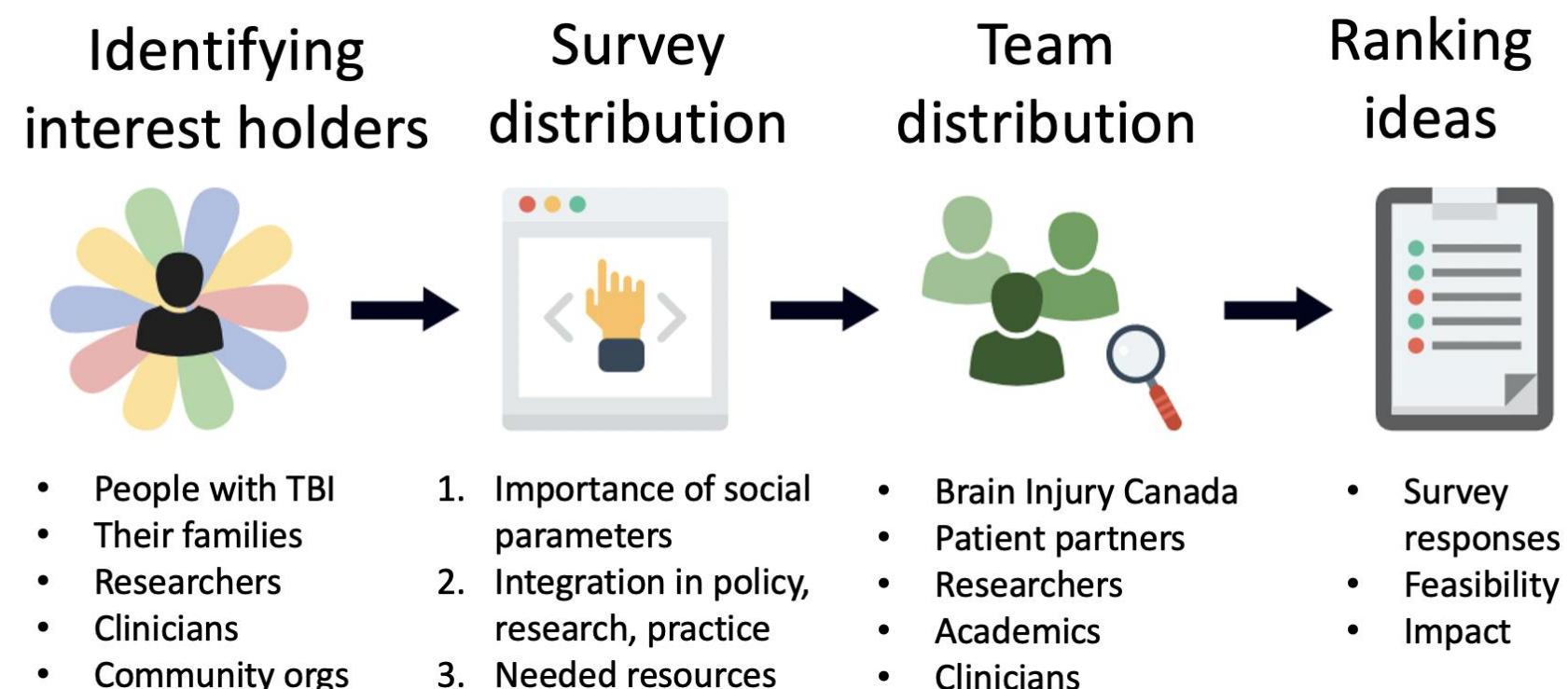


Fig. 2: Steps in knowledge translation priority setting

Results

- Top three priorities set by patients and other interest groups (Fig. 3)

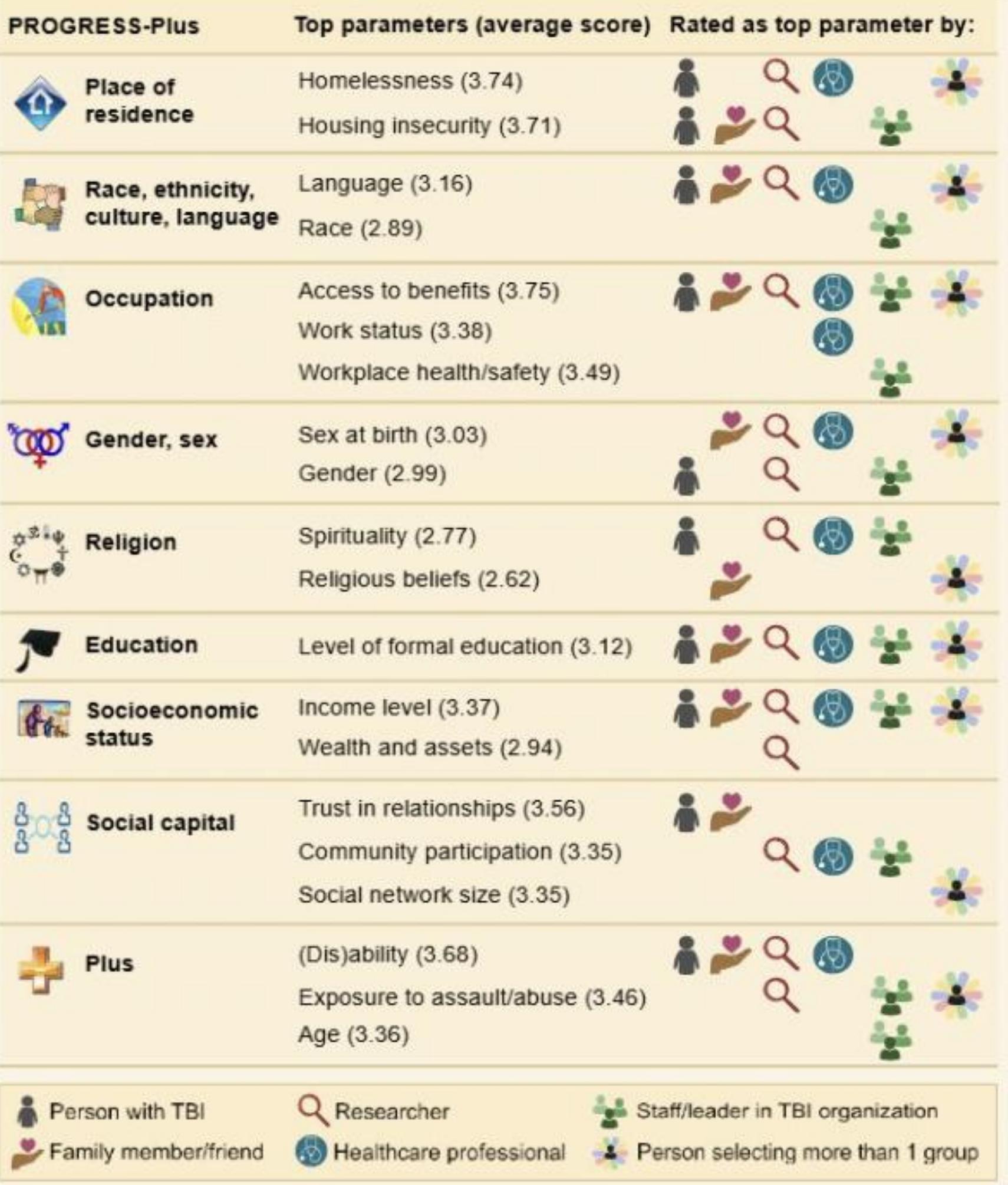


Fig. 3: Weighted ratings of PROGRESS-Plus parameters by patients and other interest groups

Results, continued

- Quotes from research participants on their priorities and solutions

"I think including people with brain injury in conversations is an ideal place to start..."

"Professionals - to focus on...social factors as part of initial assessment, to consider social goals as part of rehabilitation plans, to address social needs..."

"We need a database that shows...resources for families and caregivers so that these can be offered right away..."

Discussion

- Differences in prioritization across groups calls for reflection and action to ensure patients' priorities drive research, policy, and practice priorities
- Why do patients priorities matter the most? Because patients are the reason the healthcare system exists
- Rehabilitation at its core is patient-centered.

References

- Mollayeva T, et al. Traumatic brain injury: sex, gender and intersecting vulnerabilities. *Nat Rev Neurol.* 2018 Dec;14(12):711-722.
- Cochrane Methods Equity. PROGRESS-Plus.
- Tylinski Sant'Ana T, et al. "Gender matters": the development of infographics to raise awareness and promote gender-transformative care in traumatic brain injury. *Brain Inj.* 2025 Mar 21;39(4):300-311.

Infographics

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