What Good Is Knowing Information If You Do Not Share It? Enhancing Traumatic Brain Injury Recovery Through **Knowledge Translation**

Methodology

Two Guides were developed to facilitate communication from TBI specializing clinicians to patients with TBI and non-TBI specializing clinicians.

The development followed a structured process:

- Reviewing the Canadian Clinical Practice Guideline for the Rehabilitation of Adults with Moderate to Severe TBI and the Neurotrauma Care Pathways (NCP) to ensure alignment with evidenced-based practices
- Leveraging the NCP's pilot implementation projects to identify key resources
- Consulting with end-users, including persons with lived experience, caregivers, and healthcare providers

To ensure broad and easy access of the Guides, a wide-reaching knowledge mobilization strategy was used, including collaborating with the Neurosurgery Education & Outreach Network, communicating with Acquired Brain Injury Navigators, presenting at conferences to raise awareness among healthcare professionals, and leveraging social media platforms.

Conclusion

- The Guides for patients with TBI and non-TBI specializing clinicians offer a scalable solution to enhance the facilitation of patient transition from specialized acute care to the care provided by non-TBI specializing clincians, enhancing both patient and clincian preparedness.
- The Guides enhance communication and ensure standardized evidencebased TBI practices are used, supporting systemic improvements in TBI management and creation of equitable recovery journeys.

Canadian TBI **Guideline Website**



NCP Website



Introduction

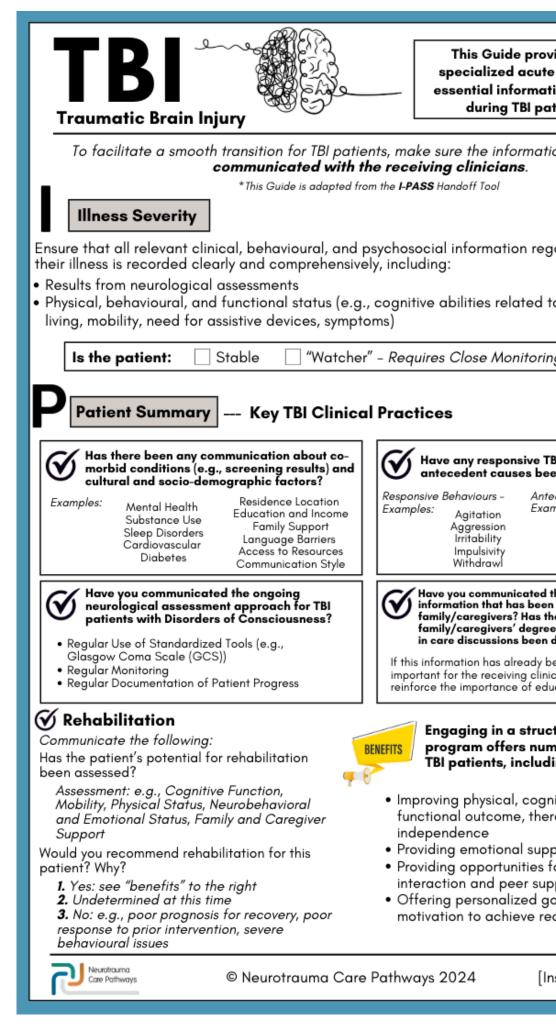
Many patients with Traumatic Brain Injury (TBI) receive care from non-specialized or community healthcare providers who do not have the experience to manage this complex and chronic condition. The communication gap between specialized clinicians and (1) patients with TBI and (2) non-TBI specializing clinicians further exacerbates this problem and can result in poor information transfer.

Objective

Develop clear Guides that improve care coordination and communication for patients after TBI, ultimately enhancing healthcare delivery and outcomes.

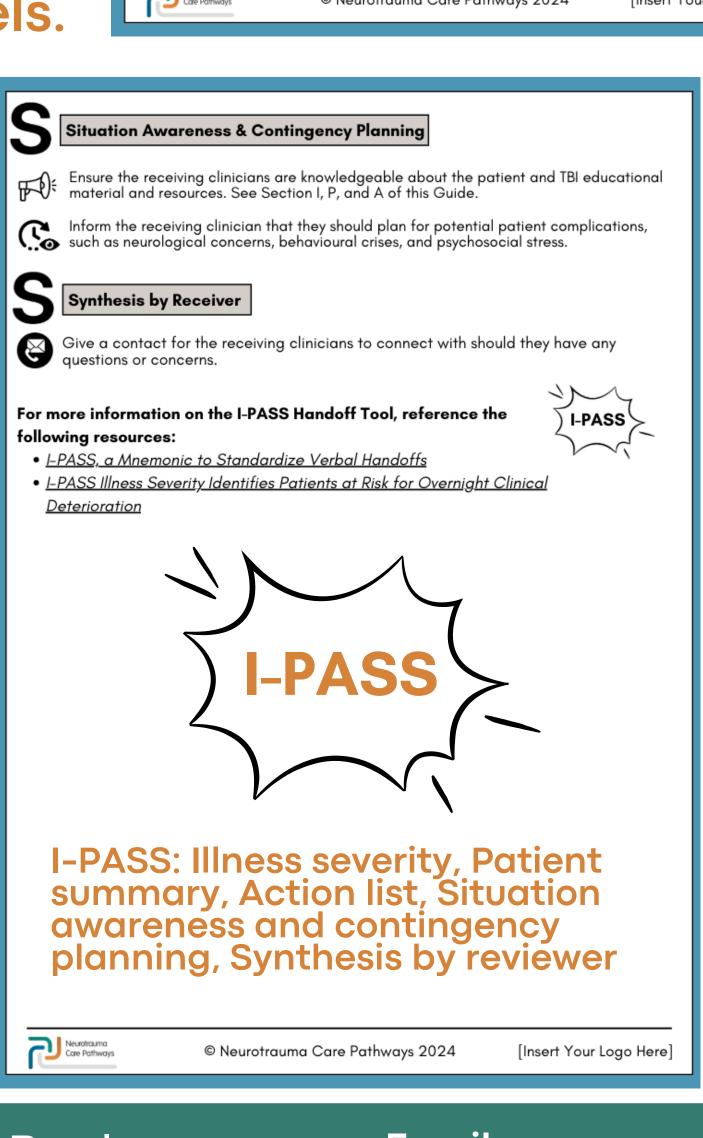
Outcomes **Patient Guide**

Written in lay language, the Patient Guide includes a primary care checklist (i.e., questions to ask before, during, and after an appointment with a primary care provider), and information on what to do if you don't have a primary care provider and in an emergency. It also highlights Ontario-wide and regional (for example, Greater Toronto Area) TBI resources. This Guide is designed to be distributed to the patient with TBI upon discharge and/or transfer from specialized acute care.





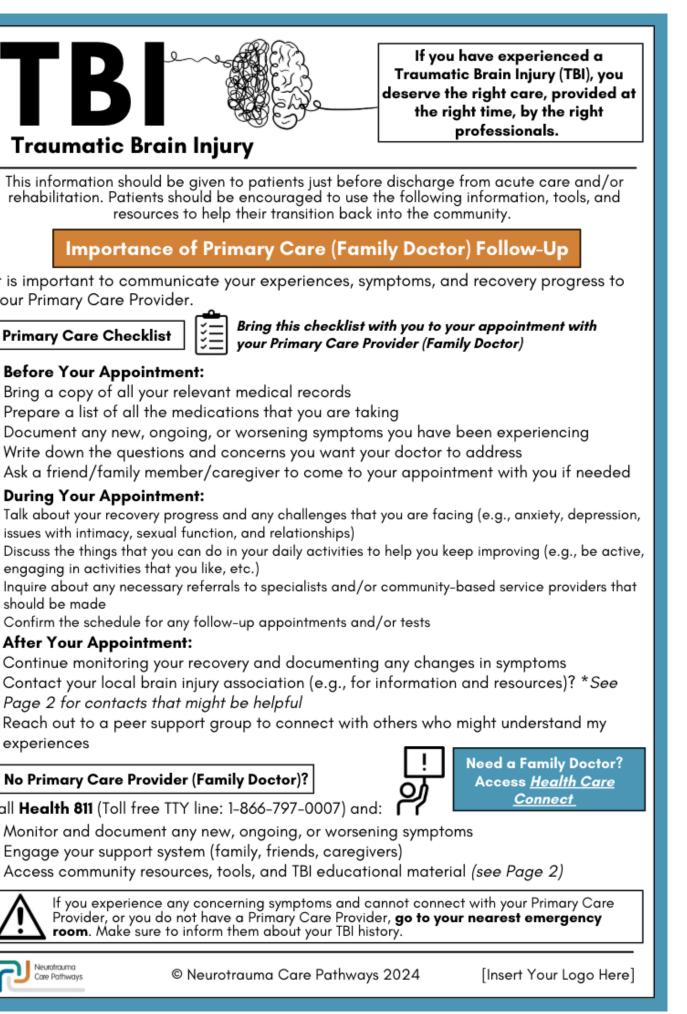
| de is Tool/Resource | ntario) Services Provided to Patients/Families | Contact |
|---|--|--|
| atient and nies of | Information and resources on Acquired Brain Injury (ABI) Personal advocacy and support Training and education for professionals and families Online support groups/peer support *OBIA has 21 local brain injury association members across the province. | https://obia.ca/ Helpline: 1-800-263-5404 |
| able Provincial ABI Navigators | There are 14 Regional ABI System Navigators across the province. Services provided include: - Education - Resource navigation | https://www.htt ps://abinetwork .ca/wp- content/uploads /2022/03/PRO VINCIAL-ABI- NAVIGATORS- Contact- List.pdf.ca |
| nd their ? Neurotrauma Care Pathways on Barriers | Ideal Care Pathways linked to evidence-based guidelines Resources about what to expect and what to do on your care journey | https://www.n eurotraumapat hways.ca |
| al Distress Pal Parachute gagement | Education on preventing serious injury (including concussion) in homes, sports and recreation, and on roads. | https://parach ute.ca/en/ |
| Regional Tools a | nd Resources (Greater Toronto Area) ols and resources are in the process of being expanded acros | s the province. |
| Tool/Resource | Services Provided to Patients/Families | Contact |
| ts to The Central Link ABI | Provides links to community based Supports, services and resources that people after ABI might find helpful | htt <u>ps://www.n</u> eurotraumapat hways.ca/cent ral-link |
| S Toronto Concussion Navigator | Helps adults find publicly funded concussion care | https://extem al.redcap.uhn. ca/surveys/? s=T4T3P7KCTX 78FNML |

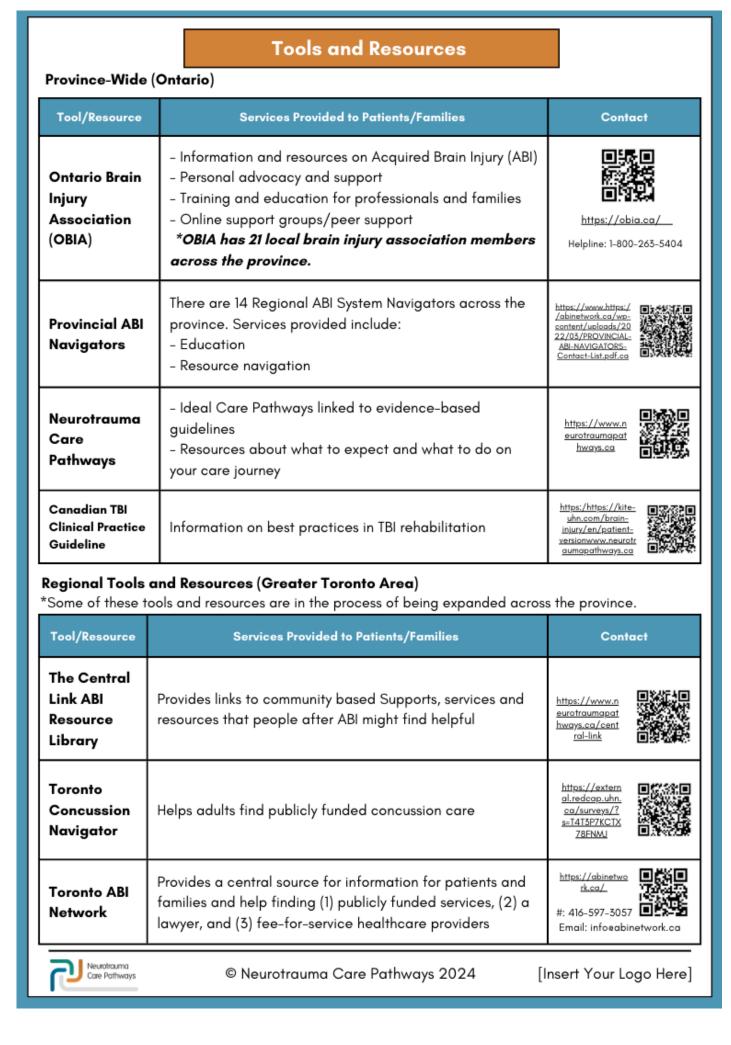


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your Primary Care Provide

Primary Care Checklist

Provider Guide

The Guide for non-TBI specializing clinicians uses the I-PASS patient handoff framework and focuses on key clinical practices (e.g., addressing responsive behaviours, co-morbid conditions, disorders of consciousness), rehabilitation assessment, potential complications, and resources. While the Patient Guide is generalizable to all patients with TBI, the Provider Guide must be tailored using the format provided for each patient.



Neurotrauma Care Pathways



CANADIAN CLINICAL PRACTICE GUIDELINE WITH MODERATE TO SEVERE TBI