



What are the types and characteristics of community-based services used by persons with brain injury? Results of a provincial survey Laura Langer, Judy Gargaro, Ruth Wilcock, Lauren Hough, Mark Bayley





Conflicts of Interest

The authors have no COIs to declare.

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Objective

 To describe the types and characteristics of services that were accessed and determine which factors influenced access to community services for adults with ABI in Ontario

Methods



- People with an ABI were surveyed by OBIA between 2020 and 2021 via the online platform QuestionPro
- Variables collected include:
 - Demographic data
 - Injury characteristics
 - Health status
 - Health care services accessed in past year
 - Employment status
 - Impact of their ABI on daily life & relationships

Results – Demographics

- N=1,649 adults with ABI
- Concussion was the most common (89%)
- Mean age 40.5 years (SD 27.1)



836 (66%) were female



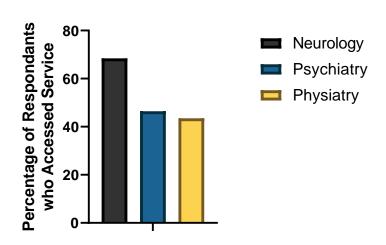
418 (34%) were male

- 460 (28%) had their ABI as a child (<18 years old)
- Mean time from injury:
 - 20.2 years (SD 17.1) for adult ABI onset cohort
 - 35.0 years (SD 33.1) for pediatric ABI onset cohort

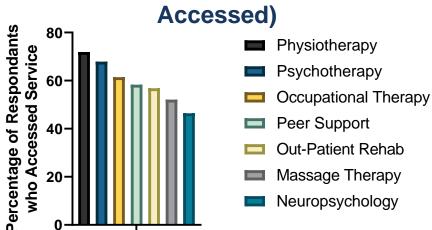


Results – Services Accessed

OHIP Covered Services



Non-OHIP Covered Services (Most Accessed)

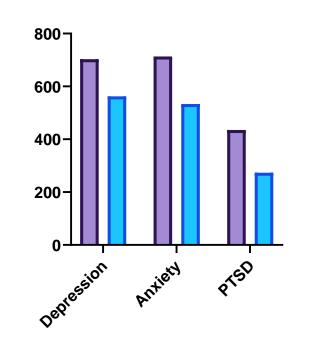


- Higher income was associated with greater access to services (p<0.0001)
- Litigation was also associated with neuropsychological services (OR 2.54 95% CI 1.29 5.02 p=0.028)

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Results – Mental Health

- Over 80% of those who responded had depression and/or anxiety
 - Over 85% with depression or anxiety accessed treatment
 - But only 63% with PTSD accessed treatment



Total

Accessed Treatment

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Conclusions

- Not surprisingly, income level impacts access to ABIrelated services & equity of access must be addressed
- Neuropsychology was most accessible to those involved in litigation
- Those with PTSD are less likely to access appropriate treatment & follow-up is required
- Help OBIA and the Neurotrauma Care Pathways Project to implement equitable access to specialized ABI services in Ontario

Mark you!



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