



Outcomes from Inpatient Rehabilitation Following Traumatic Brain Injury in Canada

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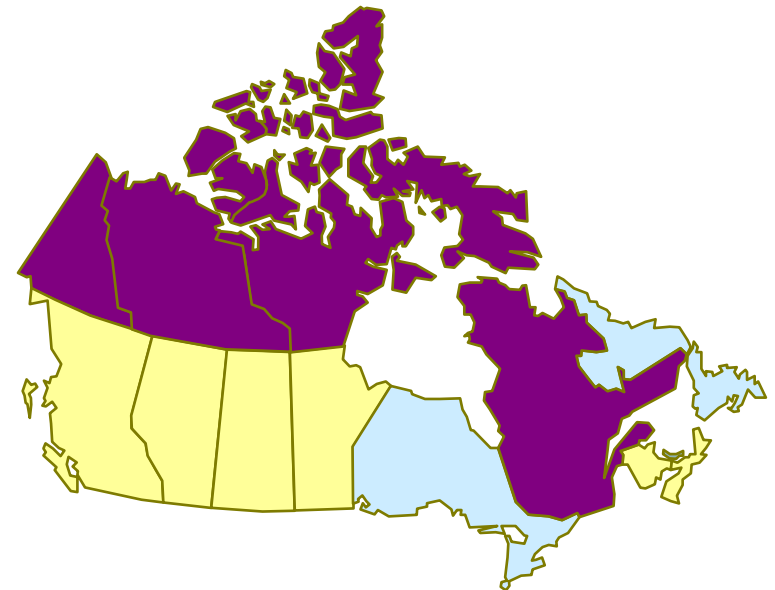
GTA Rehab Network's Best Practices Day
May 1, 2015

See Poster - <http://goo.gl/ti7mF1>

Data Source: National Rehabilitation Reporting System (NRS)

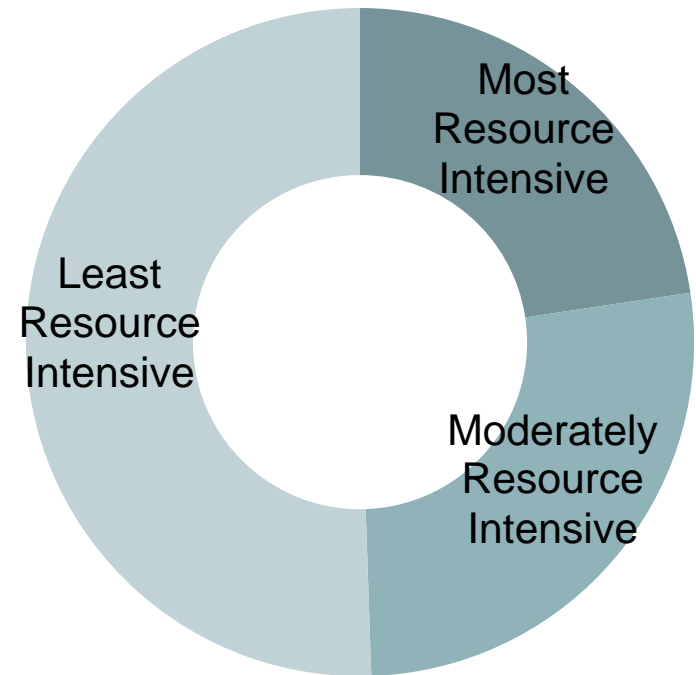


- CIHI data holding for adult inpatient rehabilitation
- ~100 participating facilities in 9 provinces
 - **Comprehensive reporting for all inpatient rehab in Ontario**

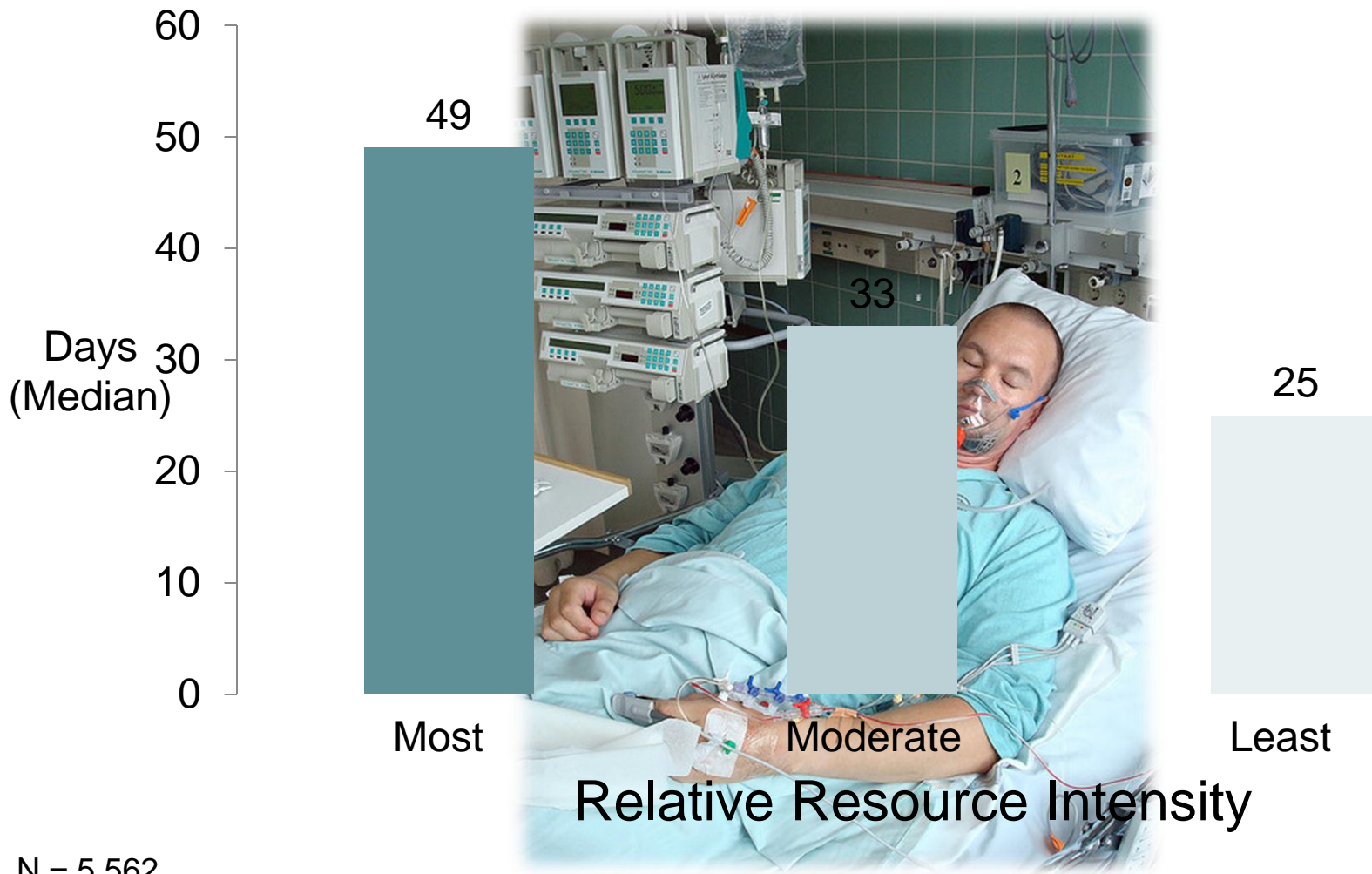


Episode Grouping Using Case Mix Methodology

- Based on NRS case mix system (uses Admission FIM® Motor and Cognitive Function Scores)
- Placed 5,562 TBI episodes in 1 of 3 *Resource Intensity* groups



TBI: Onset Days to Rehab Admission

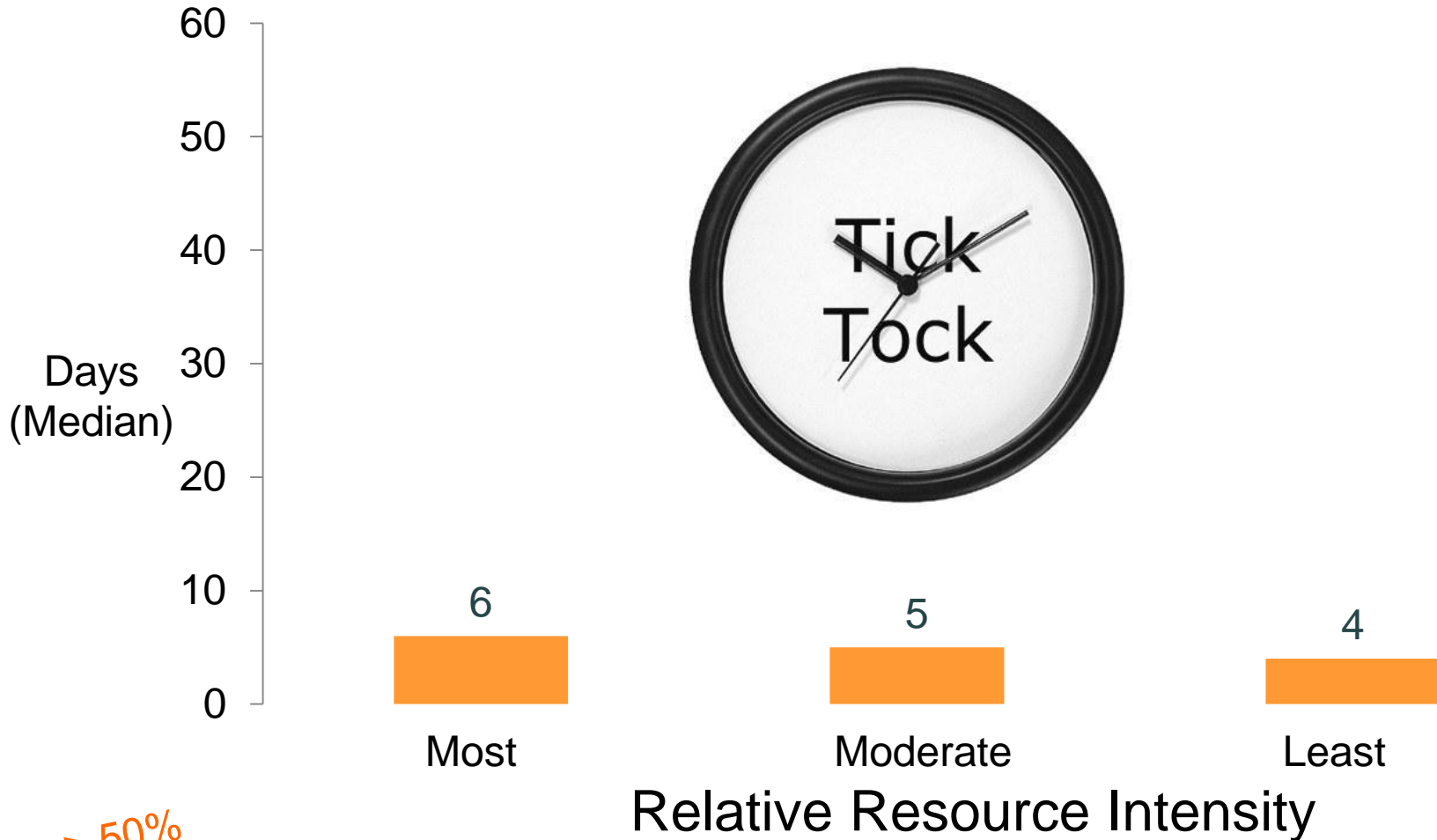


N = 5,562

Source: NRS, CIHI 2008-2014

See Poster - <http://goo.gl/ti7mF1>

TBI: Days Waiting for Rehab Admission



> 50%

N=3,217 of 5,562

Source: NRS, CIHI 2008-2014

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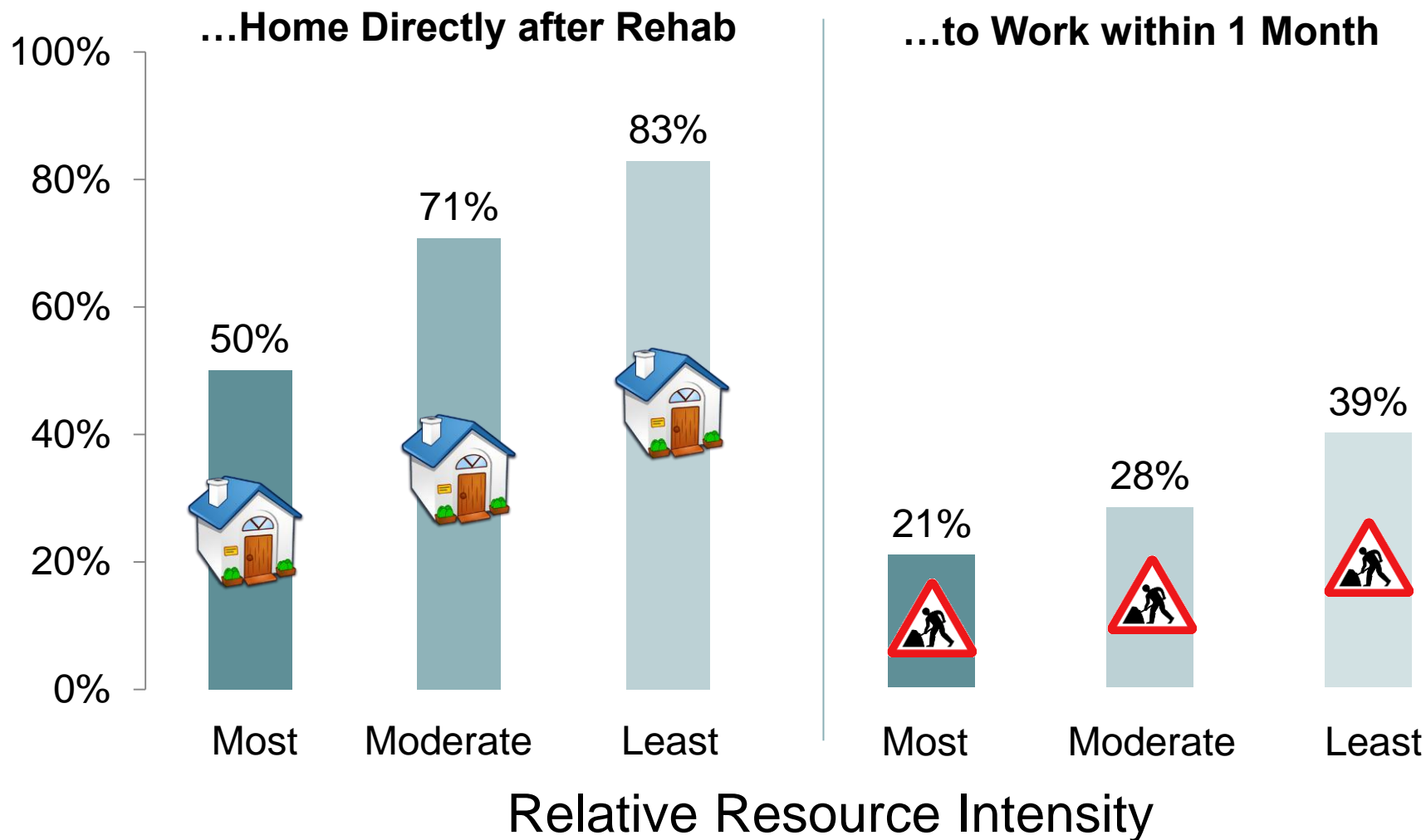
Time Can Change Outcomes

"There is Level 2 [good] evidence that early rehabilitation is associated with better outcomes."

(Teasell et al., 2013 *Evidence-Based Review of Moderate to Severe Acquired Brain Injury*)



Getting Clients Back...



Summary of Findings

- About ½ TBI clients wait at least a day for admission to inpatient rehab
- Onset and wait time is longest for highest disability group
- On discharge from inpatient rehab
 - % of returning home is 2-3x the % returning to work (within 1 month)