The Community Integration Questionnaire (CIQ)

Assessment Overview

Assessment Area

ICF Domain:
Participation
Subscales:
Home Integration
Social Integration
Productive Activities

You Will Need

Less than 15 minutes to complete 15 items.
Scoring:
3, 5, or 6-point scale for items
Subscales summed for a total score ranging from 0-29, with higher scores indicating a greater degree of Community Integration.

Summary

The Community Integration Questionnaire (CIQ) is a self-report measure, originally designed for people with traumatic brain injury, but has recently been validated for use with SCI populations.

The CIQ has three subscales:
1) Home Integration (e.g. Who does the grocery shopping at home? Who does the normal everyday housework?)
2) Social Integration (e.g. Who looks after your personal finances?)
3) Productive Activities (e.g. Do you work/volunteer? How often?)
Scores for these domains are generated based on the frequency of engaging in roles and activities, and responses are weighted according to level of independence in performing roles and activities.

The Community Integration Questionnaire—Revised (CIQ-R; Callaway et al. 2016) was revised from the original CIQ. It has a total of 18 items across four subscales:
1) Home Integration.
2) Social Integration.
3) Productivity
4) Electronic social networking.

Availability

Worksheets:
- **CIQ:** Can be found here.
- **CIQ-R:** Can be found for free here:
  https://www.summerfoundation.org.au/resources/the-community-integration-questionnaire-revised/

Languages: English, Chinese, Spanish, and Italian

Assessment Interpretability

Minimal Clinically Important Difference

Not established in SCI

Statistical Error

Not established in SCI

Typical Values

Mean (SD) Score:
Home integration = 3.5 (2.6)
Social integration = 6.7 (2.5)
Productive activity = 1.0 (1.6)
Total score = 11.2 (5.0)

(Gontkovsky et al. 2009; n=28; 21 males; 25 traumatic SCI; ASIA A-D; level of injury: 60.7% cervical, 35.7% thoracic, 3.6% lumbar; 68% incomplete, 32% complete SCI; chronic SCI)

Home integration: 4.5 (3.3)
Social integration: 8.5 (2.3)
Productive activity: 3.4 (1.9)
Total: 16.4 (6.1)

(Callaway et al. 2017; n=40, 61% males; mean age (SD): 52.8 (14.5); 77% traumatic SCI)

Measurement Properties

Validity – **Moderate** to **High**

High correlation with CHART-SF:
r = 0.79

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Number of studies reporting validity data: 5

Reliability – **Low** to **High**

Low to **High** Internal Consistency:
Total Score: α = 0.71-0.75
Home integration: α = 0.79-0.81
Social integration: α = 0.62-0.63
Productive activity: α = 0.50-0.51

(Kratz et al. 2015; measured at 1 month and 12 months, mixed injury types; time 1: n=727, 399 males, mean time since injury (SD) = 16.52(12.67) years; time 2: n=494, 301 males; mean time since injury (SD) = 16.15(11.98) years)

High Internal Consistency (CIQ-R Chinese version):
Total Score: α = 0.84

(Xie et al. 2023; n=317; 212 males; mean (SD) age: 49.8 (13.3) years; 169 complete, 148 incomplete)

Number of studies reporting reliability data: 4

Responsiveness

Floor/Ceiling Effect:
Patients at ceiling (time 1, time 2):
Total Score: 0, 5%
Home integration: 6.4, 7.7%
Social integration: 1.6, 2.0%
Productive integration: 25, 27.1%

Patients at floor (time 1, time 2):
Total Score: 0.2%

Effect Size:
Not established in SCI

Number of studies reporting responsiveness data: 2

Home integration: 1.2, 1.3%
Social integration: 0.6%
Productive integration: 8.1, 8.6%

Floor effect:
Home domain, 6.62%
Social engagement domain, 14.83%
DSN domain, 17.67%
TSN domain, 9.78%
Total score, 0.63%

Ceiling effect:
Home domain, 2.21%
Social engagement domain, 0.31%
DSN domain, 13.56%
TSN domain, 30.91%
Total score, 0.00%