

Spinal Cord Lesion-related Coping Strategies Questionnaire (SCL-CSQ)

Assessment Overview

Assessment Area

ICF Domain:

Body Function

Subcategory:

General Functions

Subscales (domains):

Acceptance of Injury

Social Reliance

Fighting Spirit

You Will Need

Length:

12 items

Scoring:

Participants are asked to answer each question on a 4-point Likert scale (1 = strongly disagree, 2 = disagree, 3 = agree, 4 = strongly agree).

Domain scores are summed and then averaged. Scores range between 1 and 4 for each domain.

Summary

The Spinal Cord Lesion-related Coping Strategies Questionnaire (SCL-CSQ) is a self-report scale developed to assess coping efforts after a sudden onset SCI. The SCL-CSQ is made up of 3 domains: Acceptance of Injury, Social Reliance, and Fighting Spirit.

The scale was originally developed for the SCI population.

Availability

Available for free here: https://www.scireproject.com/wp-content/uploads/worksheet_scl-cs.docx

Languages: English, Swedish, Turkish, Persian, Spanish

Assessment Interpretability

Minimal Clinically Important Difference

Not established in SCI

Statistical Error

Not established in SCI

Typical Values

Mean Subscale Scores (SD):

Acceptance of Injury: 3.19 (0.65)

Fighting Spirit: 3.35 (0.47)

(Elfstrom et al. 2007; N=355, 279 male, mixed injury types, mean age=49, mean age at lesion=27.8)

Measurement Properties

Validity – **Low** to **Moderate**

Low to Moderate correlation with Hospital Anxiety and Depressions Scale (HADS):

$r = 0.40-0.58$

(Elfstrom et al. 2007; N=355, 279 male, mixed injury types, mean age=49, mean age at lesion=27.8)

$r = -0.30$ to -0.44

(Iranian ver.; Saffari et al. 2015; N=220, 164 male, mean time since injury=50.96 months)

Low to Moderate correlation with Spinal Cord Independence Measure (SCIM-III):

$r = 0.16-0.33$

Low to Moderate correlation with Community Integration Questionnaire (CIQ):

$r = 0.27-0.33$

(Iranian ver.; Saffari et al. 2015; N=220, 164 male, mixed injury types, mean time since injury=50.96 months)

Low to Moderate correlation with Depression, Anxiety and Stress Scale – short version (DASS-21):

Acceptance and Depression: $\rho = -0.45$

Acceptance and Anxiety: $\rho = -0.24$

Acceptance and Subjective QOL: $\rho = 0.55$

(Migliorini et al. 2008; N=443, male = 345; The mean time since injury was 19.20 years (range 1–66 years))

Number of studies reporting validity data: 4

Reliability – **Low** to **High**

Moderate to High Test-retest Reliability:

ICC = 0.74-0.89

(Iranian ver.; Saffari et al. 2015; N=220, 164 male, mixed injury types, mean time since injury=50.96 months)

Low to High Internal Consistency:

$\alpha = 0.69-0.76$

(Spanish ver. subscales; Saurí et al. 2014; N=511, 375 male, mixed injury types, mean (SD) time since injury = 15.44 (10.00))

$\alpha = 0.68-0.88$

(ver.; Saffari et al. 2015; N=220, 164 male, mixed injury types, mean time since injury=50.96 months)

$\alpha = 0.67-0.81$

(Paker et al. 2014; N=100, 74 male, Mean age 40.83 years; time since injury: 28.47 months)

Number of studies reporting reliability data: 5

Responsiveness

Floor/Ceiling Effect:

Not established in SCI

Effect Size:

Not established in SCI

Number of studies reporting

responsiveness data: 0