

Spinal Cord Lesion Emotional Wellbeing Questionnaire (SCL EWQ)

Assessment Overview

Assessment Area

ICF Domain:

Body Function

Subcategory:

General Functions

Subscales (domains):

Positive emotional outcome of person growth

Negative outcomes of helplessness

Intrusion

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 Emotional Wellbeing Questionnaire (SCL EWQ) was developed to measure emotional consequences after SCI.

It consists of three domains:

- 1) Positive emotional outcome of person growth (which determines current positive changes)
- 2) Negative outcomes of helplessness (which determines the level of perplexity, out of control and low self-esteem)
- 3) Intrusion (which determines the level of bitterness and brooding)

Availability

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

Languages: English, Swedish

Assessment Interpretability

Minimal Clinically Important Difference

Not established in SCI

Statistical Error

Not established in SCI

Typical Values

Mean scores of SCL-EWQ subscales:

Personal Growth = 2.61

Helplessness = 2.06

Intrusion = 2.07

(Elfstrom et al. 2002; n=274 with SCI, 204 males, mixed injury types, median time since injury (range) = 7 (1-41) years)

Measurement Properties

Validity – **Low** to **High**

***Low* to *High* correlation between SCL-EWQ subscales:**

Helplessness & Intrusion: $r = 0.63$

Helplessness & Personal growth: $r = -0.30$

Intrusion & Personal growth: $r = -0.23$

(Elfstrom et al. 2002; $n=274$ with SCI, 204 males, mixed injury types, median time since injury (range) = 7 (1-41) years)

Number of studies reporting validity data: 1

Reliability – **Moderate** to **High**

***Moderate* to *High* Internal Consistency:**

Personal growth: $\alpha = 0.75$

Helplessness: $\alpha = 0.84$

Intrusion: $\alpha = 0.86$

(Elfstrom et al. 2002; $n=274$ with SCI, 204 males, mixed injury types, median time since injury (range) = 7 (1-41) years)

Number of studies reporting reliability data: 1

Responsiveness

Floor/Ceiling Effect:

Not established in SCI

Effect Size:

Not established in SCI

Number of studies reporting

responsiveness data: 0