

# 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

**Worksheet:** Can be found [here](#).

**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; ASIA A-D; tetraplegia and paraplegia; 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; ASIA A-D; tetraplegia and paraplegia; 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; ASIA A-D; tetraplegia and paraplegia; 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**