

Symptoms Checklist-90-Revised (SCL-90-R)

Assessment Overview

Assessment Area

ICF Domain:

Body Functions

Subcategory:

Mental Functions

You Will Need

Length:

90-items, <15 minutes

Scoring:

Items scored on 5-point scale from 0-4. Subscale scores are means of respective item scores.

Summary

The Symptoms Checklist-90-Revised (SCL-90-R) is a self-report screening measure of general psychiatric symptomatology.

The measure can be used to screen for psychiatric disorders and has been found to be useful in quantifying a variety of emotional reactions in adults following SCI.

Availability

Worksheet: Can be purchased [here](#).

Starter kits are approximately \$50.

Languages: English, French, Spanish

Assessment Interpretability

Minimal Clinically Important Difference

Not established in SCI

Statistical Error

Not established in SCI

Typical Values

Not established in SCI

Measurement Properties

Validity – **Moderate to High**

Moderate to High correlation with Medically-Based Emotional Distress Scale (MEDS):

SCL-90-R Depression: $r = 0.77$

SCL-90-R Hostility: $r = 0.65$

SCL-90-R Anxiety: $r = 0.55$

SCL-90-R Interpersonal Sensitivity: $r = 0.66$

(Overholser et al. 1993; $n=81$; 63 males, 18 females; mean (SD) age 36.1 (14.5) years, quadriplegia and tetraplegia)

Moderate to High correlation with other instruments measuring the same corresponding constructs

Cognitive depression subscale: $r = 0.54-0.78$

Somatic depression subscale: $r = 0.31-0.66$

(Buckelew et al. 1988; $n=52$; 44 males, mean age: 30 years; mean time since injury: 1.5 years)

Number of studies reporting validity data: 2

Reliability – **Moderate to High**

Moderate to High Internal Consistency:

Cognitive depression subscale: $\alpha = 0.89$

Somatic depression subscale: $\alpha = 0.62$

(Buckelew et al. 1988; $n=52$; 44 males, mean age: 30 years; mean time since injury: 1.5 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