

Knowledge, Comfort, Approach and Attitude towards Sexuality Scale (KCAASS)

Assessment Overview

Assessment Area

ICF Domain:

Body Function

Subcategory:

Functions of the Reproductive System

You Will Need

Length:

45 items- approximately 10-15 minutes

Scoring:

Summary scores for each of the four domains (Knowledge, Comfort, Approach, and Attitude) are calculated. Higher scores represent greater knowledge. A maximum composite score of 200 is obtained by summing up the subscales.

Summary

The Knowledge, Comfort, Approach and Attitude towards Sexuality Scale (KCAASS) was developed to assess the training needs and professional skills of staff working in sexuality rehabilitation with patients with SCI.

This scale utilizes a conceptual framework that highlights holistic and consumer-driven approaches to education.

The four subscales found within the questionnaire include knowledge (14 items), comfort (21 items), approach (5 items), and attitudes (5 items). Individual items are ranked on a four-point scale, ranging from low to high.

Availability

Worksheet: Can be found in the appendix of the following article:
<https://link.springer.com/article/10.1023/A:1023510925729>

Assessment Interpretability

Minimal Clinically Important Difference

Not established in SCI

Statistical Error

Not established in SCI

Typical Values

Mean Scores (\pm SD) for 4 subscales of KCAASS

(Kendall et al. 2003, n=80, no additional information)

Subscale:	Mean (SD) score:	Range:
Knowledge	34.31 (7.01)	17-53
Comfort	69.30 (15.00)	26-84
Approach	10.86 (3.31)	5-20
Altitude	17.58 (2.32)	5-20

Total	132.06 (22.30)	67-171
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Measurement Properties

Validity – **Low to High**

Low correlation between KCAASS attitude subscale and total:

Attitude-total: $r = 0.297$

(Kendall et al. 2003; n=80, no additional information)

Moderate to High correlation between KCAASS knowledge, comfort, approach subscale and total:

Comfort-total: $r = 0.938$

Knowledge-total: $r = 0.757$

Approach- total: $r = 0.676$

(Kendall et al. 2003; n=80, no additional information)

Moderate correlation between four KCAASS factors:

Communalities value > 0.30 (range: 0.316-0.843)

(Rahman et al. 2016; n=549, no additional information)

Number of studies reporting validity data: 2

Reliability - **Low to High**

High internal consistency for total KCAASS:

$\alpha=0.962$

High internal consistency KCAASS subscales- knowledge, comfort, approach:

Knowledge- $\alpha=0.926-0.929$

Comfort- $\alpha=0.972-0.977$

Approach- $\alpha=0.835-0.865$

(Kendall et al. 2003; n=80, no additional information)

Low to High internal consistency for KCAASS subscale- attitude:

Attitude: $\alpha=0.641-0.802$

(Fronck et al. 2005; n=89, no additional information)

Moderate to High internal consistency KCAASS subscales- attitude, knowledge, comfort, approach:

Attitude- $\alpha=0.852$

Knowledge- $\alpha=0.785$

Comfort- $\alpha=0.966$

Approach- $\alpha=0.905$

(Rahman et al. 2016; n=90, no additional information)

Number of studies reporting reliability data: 3

Responsiveness

Floor/Ceiling Effect:

Not established in SCI

Effect Size:

Pre and Post education subscale scores (knowledge, comfort, approach, and attitude) all showed significant change at $P < .001$.

(Fronck et al. 2005; n=89, no additional information)

Number of studies reporting responsiveness data: 0