

# 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 aspects of sexuality 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

## 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:  $\alpha=0.641-0.802$

(Fronek 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:

Not established in SCI

### Number of studies reporting responsiveness data: 0