

5-Item International Index of Erectile Dysfunction (IIEF-5)

Assessment Overview

Assessment Area

ICF Domain:

Body Functions

Subcategory:

Genitourinary and Reproductive

You Will Need

Length:

5 items (Full version is 15 items) – less than 5 minutes

Scoring:

The index ranges from 5 to 25. Each item is scored from 1 (almost never/never) to 5 (almost always/always).

Summary

The IIEF-5 scale is used to assess patients with erectile dysfunction to determine the extent of the erectile function in patients.

The full-scale 15-item version has five domains: erectile function, orgasmic function, sexual desire, intercourse satisfaction and overall sexual satisfaction.

The shortened 5-item version is on a scale of 5 to 25. The range of scores are as follows:

- 22-25: No erectile dysfunction
- 17-21: Mild erectile dysfunction
- 12-16: Mild to moderate erectile dysfunction
- 8-11: Moderate erectile dysfunction
- 5-7: Severe erectile dysfunction

Availability

Worksheet: Can be found in Table 2 of the following article:
<https://pubmed.ncbi.nlm.nih.gov/10637462/>

Assessment Interpretability

Minimal Clinically Important Difference

Not established in SCI

Statistical Error

Not established in SCI

Typical Values

Mean total score of patients with SCI (±SD):

5.3 (±4.1)

(Akman et al. 2015; n=47; mean age of subjects (range): 35.2 (20-62) years; 59.6% lesion above T10, 31.9% lesion between T11 and T12, 8.5% lesion at Cauda Equina)

Measurement Properties

Validity – **High**

Not established in SCI

High correlation between true and predicted grade of ED severity:

Spearman's correlation = 0.75-0.79

(Cappelleri et al. 1999; n=1035; mean age (SD): 55.75 (10.36))

(Rosen et al. 2000; n=1036; mean age (SD): 55.75 (10.36))

Number of studies reporting validity data: 2

Reliability – **Not Established in SCI**

Not established in SCI

Number of studies reporting reliability data: 0

Responsiveness

Floor/Ceiling Effect:

Not established in SCI

Effect Size:

Not established in SCI

Number of studies reporting

responsiveness data: 0