

Severe Respiratory Insufficiency Questionnaire

SRI

General Health Questionnaire for patients with Severe Respiratory Insufficiency

Guidance for scoring

Please provide the following values for each item:

completely untrue	=>	1
mostly untrue	=>	2
sometimes true	=>	3
mostly true	=>	4
always true	=>	5

The majority of items need to be recoded following the instructions given below:

value		recoded value
1	→	5
2	→	4
3	→	3
4	→	2
5	→	1

Items which need to be recoded:

1, 2, 4, 5, 6, 8, 11, 12, 13, 14, 15,
16, 17, 19, 21, 22, 23, 24, 25, 26,
28, 29, 30, 31, 34, 35, 38, 39, 40,
42, 43, 45, 46, 47, 48.

Next, the scales need to be calculated as indicated below. For this purpose at least 50% of the items per scale must be correctly addressed. Please find the item number indicated in brackets [a, b, c.....]. This process of transformation produces a score between 0 and 100 with higher values indicating a better health-related quality of life according to content of the scale.

Respiratory Complaints

$$SRI - RC = \frac{Mean [2,5,12,19,22,24,25,29] - 1}{4} \cdot 100$$

Physical Functioning

$$SRI - PF = \frac{Mean [1,16,32,33,41,45] - 1}{4} \cdot 100$$

Attendant Symptoms and Sleep

$$SRI - AS = \frac{Mean [6,9,11,14,17,18,42] - 1}{4} \cdot 100$$

Social Relationships

$$SRI - SR = \frac{Mean [7,10,21,27,43,46] - 1}{4} \cdot 100$$

Anxiety

$$SRI - AX = \frac{Mean [8,13,26,28,39] - 1}{4} \cdot 100$$

Psychological Well-Being

$$SRI - WB = \frac{Mean [4,20,30,34,36,38,40,44,49] - 1}{4} \cdot 100$$

Social Functioning

$$SRI - SF = \frac{Mean [3,15,23,31,35,37,47,48] - 1}{4} \cdot 100$$

Summary Scale

The Summary Scale (*SRI-SS*) can be calculated by the mean of the values for the subscales (*SRI-RC*, *SRI-PF*, *SRI-AS*, *SRI-SR*, *SRI-AX*, *SRI-WB*, *SRI-SF*). The *SRI-SS* should not be calculated if one subscale is missing.