

Spine Youth Quality Of Life (ISYQOL)

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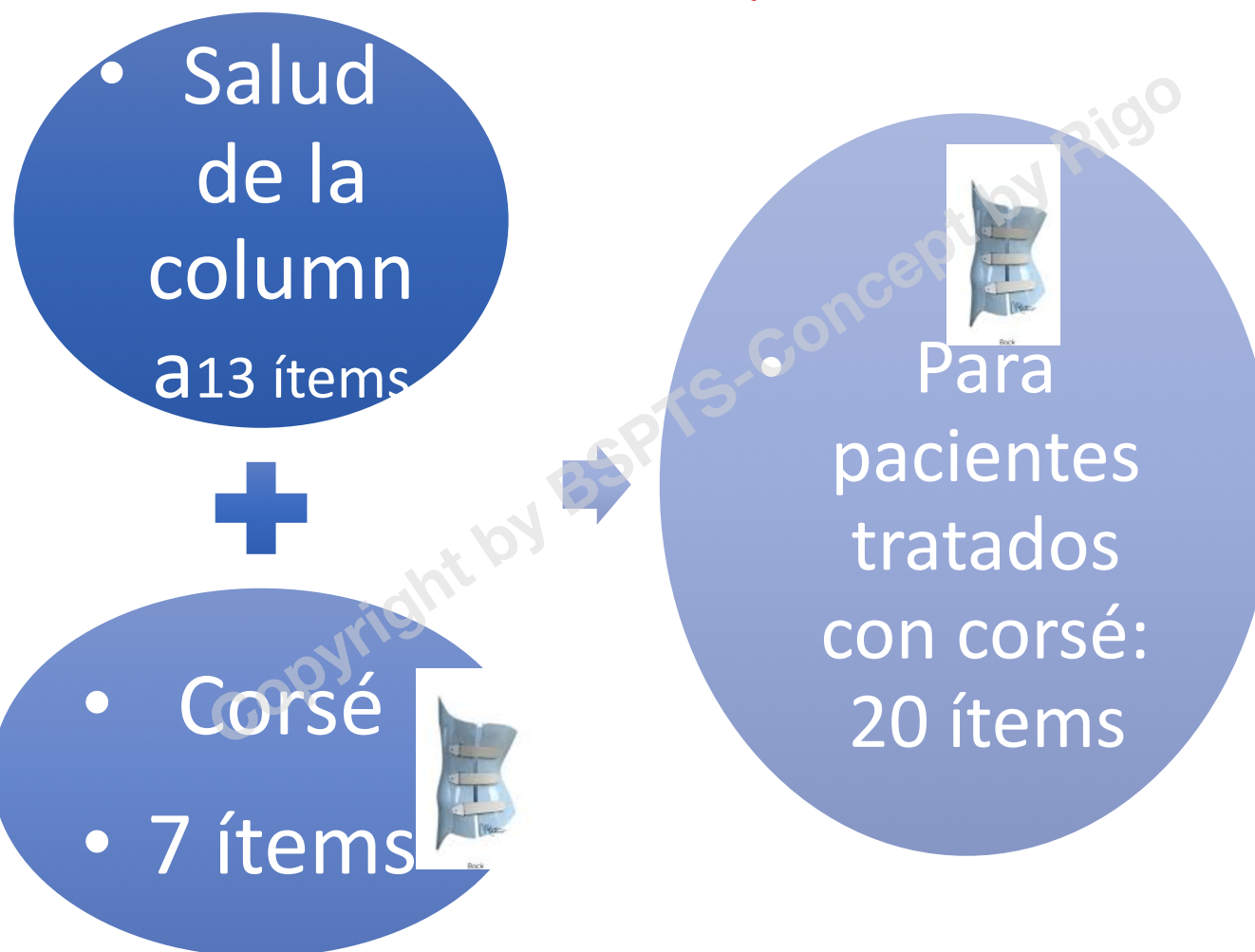


2.2 Spine Youth Quality Of Life (ISYQOL)

- ISYQOL (Caronni , Sciumè, Donzelli, Zaina, Negrini, 2017)
- mide la CVRS en adolescentes (10-18 años) con escoliosis y cifosis.
- Procedimiento estadístico: análisis Rasch



ISYQOL



Instrucciones para la puntuación

Primera fase: a menor calidad de vida, mayor puntuación

- Los ítems que investigan problemas relacionados con la columna se codifican 0-1-2 (0: nunca; 1: a veces; 2: a menudo).
- Los ítems que investigan pensamientos positivos se codifican 2-1-0 (2: nunca; 1: a veces; 0: a menudo).



Instrucciones para la puntuación. Segunda fase:

A mayor puntuación, mejor calidad de vida

Table 4. Score to measure conversion for the full ISYQOL questionnaire. ISYQOL ordinal score is turned into an interval measure. Quality of life is expressed as a percentage of the quality of life level (100%) of a subject not referring any problem related to his/her back or related to the brace. The standard error (S. E.) quantifies the precision of the estimate. When adding up single items to obtain ISYQOL total score it is important to remember that, to avoid data miscoding, items categories are to be coded so that lower the category, more the quality of life. Items investigating the presence of spine-related problems are coded 0-1-2 (0: never; 1: sometimes; 2: often). Items investigating the presence of positive thoughts are coded 2-1-0 (2: never; 1: sometimes; 0: often).

ISYQOL total score	quality of life (%)	S. E.	ISYQOL total score	quality of life (%)	S. E.
0	100	14.81			
1	89.65	8.48	21	47.8	3.14
2	83.05	6.34	22	46.56	3.14
3	78.76	5.42	23	45.32	3.14
4	75.46	4.87	24	44.08	3.15
5	72.71	4.49	25	42.82	3.17
6	70.33	4.21	26	41.55	3.2
7	68.21	4	27	40.25	3.23
8	66.29	3.83	28	38.92	3.26
9	64.5	3.7	29	37.54	3.34
10	62.83	3.59	30	36.1	3.42
11	61.25	3.5	31	34.58	3.53
12	59.74	3.43	32	32.96	3.66
13	58.29	3.37	33	31.2	3.83
14	56.88	3.32	34	29.25	4.04
15	55.51	3.28	35	27.05	4.34
16	54.17	3.24	36	24.47	4.74
17	52.86	3.21	37	21.3	5.33
18	51.58	3.19	38	17.09	6.32
19	50.31	3.17	39	10.45	8.53
20	49.05	3.15	40	0	14.87

Table 5. Score to measure conversion for the domain. This conversion table should be used administered to patients not wearing the brace legend as Table 7. To avoid data miscoding, items in the category, more the quality of life (see Table 4).

ISYQOL spine health	quality of life (%)	S. E.
0	100	15.62
1	88.43	9.35
2	80.31	7.28
3	74.74	6.31
4	70.39	5.68
5	66.76	5.25
6	63.61	4.94
7	60.79	4.71
8	58.19	4.53
9	55.77	4.39
10	53.49	4.28
11	51.3	4.2
12	49.19	4.14
13	47.12	4.09
14	45.09	4.08
15	43.07	4.08
16	41.03	4.11
17	38.95	4.16
18	36.8	4.25
19	34.54	4.37
20	32.12	4.55
21	29.46	4.81
22	26.43	5.18
23	22.82	5.75
24	18.14	6.72
25	10.99	8.94
26	0	15.42

The final score ranges from 0 to 100%.

