



EORTC QLQ-CLL17 Scoring Manual

The **Chronic Lymphocytic Leukaemia Module** is a supplementary questionnaire module to be employed in conjunction with the QLQ-C30.

The QLQ-CLL17 incorporates three Multi-item scales to assess Symptom burden, Physical condition / fatigue and Worries / fears about health and functioning.

The scoring approach for the QLQ-CLL17 is identical in principle to that for the Symptom scales / Single items of the QLQ-C30. All scoring information specific to the QLQ-CLL17 is presented in Table 1.

Interpretation:

All of the Multi-item scales range in score from 0 to 100.

A high score for all of the Multi-item scales represents a high level of symptomatology or problems.

Table 1. Scoring the QLQ-CLL17

	Number of items (<i>n</i>)	Item range *	QLQ-CLL17 item numbers (<i>l</i> ₁ , <i>l</i> ₂ , ..., <i>l</i> _{<i>n</i>})
Multi-item scales			
Symptom burden	6	3	31 - 36
Physical condition / fatigue	4	3	37 - 40
Worries / fears about health and functioning ^a	5/7	3	41 - 47

^a item 46 and 47 are conditional questions and must only be scored if these are applicable.

* "Item range" is the difference between the possible maximum and the minimum response to individual items. All items are scored 1 to 4, giving range = 3.

How to score

1) Raw score

For each Multi-item scale, calculate the average of the corresponding items.

$$\text{Raw Score} = RS = \left\{ \frac{(I_1 + I_2 + \dots + I_n)}{n} \right\}$$

2) Linear Transformation

To obtain the Score S, standardize the raw score to a 0 – 100 range using the following algorithm:

$$S = \left\{ \frac{(RS - 1)}{\text{range}} \right\} \times 100$$

For directions on missing data or for more detailed information on the interpretation of scores, please see the EORTC QLQ-C30 Scoring Manual (2001).

Further questions or remarks regarding the scoring algorithms for the QLQ-CLL17 can be directed to the Quality of Life Specialist in the Quality of Life Department at the EORTC.

Reference

[International validation of the EORTC QLQ-CLL17 questionnaire for assessment of health-related quality of life for patients with chronic lymphocytic leukaemia.](#)

Oerlemans S, Efficace F, Kieffer JM, Kyriakou C, Xochelli A, Levedahl K, Petranovic D, Borges FC, Bredart A, Shamieh O, Gziskevicius L, Lehmann J, Scholz CW, Caocci G, Molica S, Stamatopoulos K, Panteliadou AK, Papaioannou M, Alrjoob W, Baliakas P, Rosenquist R, Malak S, Miranda A, Cocks K, van de Poll-Franse L; EORTC Quality of Life Group.

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