

	EORTC QLQ	FACIT
Website	https://qol.eortc.org/	http://www.facit.org
Development of core measure	Literature review, expert opinion and patient input ⁽¹⁾	Literature review, expert opinion and patient input ⁽²⁾
Number of items in core measure	30 (EORTC QLQ-C30)	27 (FACT-G)
Response options	Likert scales (4 or 7 options)	Likert scale (5 options)
Recall period	Past week	Past 7 days
Item format	Questions	Statements
Item organisation	Items are not always grouped into scales and never explicitly so. The five physical functioning items are grouped into a Guttman scale and recognisably measure the same construct. Concludes with global health status / quality of item questions	Items are explicitly grouped into scales. Concludes with general quality of life item.
Domains in core measure	<ul style="list-style-type: none"> • Five functional scales measuring: <ul style="list-style-type: none"> ○ Physical functioning (PF; 5 items) ○ Role functioning (RF; 2 items) ○ Emotional functioning (EF; 4 items) ○ Social functioning (SF; 2 items) ○ Cognitive functioning (CF; 2 items) • One three-item symptom scale measuring fatigue • Two two-item symptom scales measuring pain, and nausea and vomiting • Six single-item symptom scales measuring dyspnoea, insomnia, appetite loss, constipation, diarrhea, and financial impact. • A global health status / quality of life scale (2 items) <p>Note: Low correlations between the social domains of EORTC QLQ-C30 and FACT-G ($r < 0.30$) suggest that they do not measure the same construct ⁽³⁾. Items in SF assess impacts on social activities and family life while those in SWB focus on social support and relationships ⁽⁴⁾.</p>	<ul style="list-style-type: none"> • Four wellbeing scales measuring: <ul style="list-style-type: none"> ○ Physical wellbeing (PWB; 7 items) ○ Social/family wellbeing (SWB; 7 items) ○ Emotional wellbeing (EWB; 6 items) ○ Functional wellbeing (FWB; 7 items, including global QOL question) • Overall FACT-G score (total of all 27 items)
Time to administer	11 min	5-10 min

Administration	Self, interviewer, computer	Self, interviewer, computer
	Note: Health-related quality of life scores may tend to be higher when interviewer administered ⁽⁵⁾	
Free access	<ul style="list-style-type: none"> • Questionnaires (for academic use) • References • Scoring manual (includes syntax and guidelines on interpretation) • FAQs • Details of EORTC QoL Group activities and opportunities for involvement 	<ul style="list-style-type: none"> • Questionnaires • References • FAQs.
Paid access	<ul style="list-style-type: none"> • Questionnaires for use in commercial research 	<p>Information on:</p> <ul style="list-style-type: none"> • Selecting an endpoint • Assessment timing • Tracking/compliance • Non-biasing interview technique • Administration and scoring (including scoring options, raw score templates and SPSS/SAS syntax) • Reliability and validity (reports, effect size calculations) • Interpreting scores (minimally important differences, normative data, raw score versus T-scores)
Scoring of core measure	<p>Scores for each of the QLQ-C30's 15 scales, which includes a global health status/quality of life score (mean of responses to items 29 and 30);</p> <p>Summary score calculated from mean of 13 of the 15 QLQ-C30 scales (excludes the global QoL scale and financial impact scale) ⁽⁶⁾, not in current version of manual but EORTC has published this on their website.</p>	<p>Scores for each of the FACT-G's 4 subscales;</p> <p>FACT-G score = sum of all 27 items</p>
Scoring of modules	<p>Number of scales varies for each module.</p> <p>Scaling is separate to QLQ-C30 and cannot be combined</p>	<p>One score for each module (called 'additional concerns' [AC]);</p> <p>Trial outcome index (TOI) = PWB + FWB + AC;</p> <p>Overall score including module (e.g., FACT-B score) = FACT-G score + AC.</p>
Language versions	120 (as of Sep 2022)	74 (as of Sep 2022)
Other illnesses?	No – Cancer specific	Yes - Measures/modules for use in conditions other than Cancer.

		<ul style="list-style-type: none"> Adapted versions of the FACT-G: Nonlife-threatening conditions; general population; HIV infection; multiple sclerosis. Satisfaction measures: Treatment satisfaction; satisfaction with pharmacist. Modules: Palliative care; spiritual well-being
Other considerations	<ul style="list-style-type: none"> More widely used (over 3,000 studies to date) Assesses cognitive domain and financial impact 	<ul style="list-style-type: none"> More detailed assessment of social and emotional wellbeing More data available regarding meaningful differences in scores Appropriate for use in patients with a variety of chronic health conditions, and in the general population
Utility measures	<ul style="list-style-type: none"> EORTC QLU-C10D ⁽⁷⁾ 	<ul style="list-style-type: none"> FACT-8D ⁽⁷⁾
<p>Note: Table adapted and updated from Luckett <i>et al.</i> (2011) and Sydney Quality of Life Office Abbreviations: EORTC, European Organisation for the Research and Treatment of Cancer; QLQ-C30, Quality of Life Questionnaire Core 30; FACIT, Functional Assessment of Chronic Illness Therapy; FACT-G, Functional Assessment of Cancer Therapy—General; QOL, quality of life</p>		

References:

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2. Cella DF, Tulsky DS, Gray G, Sarafian B, Linn E, Bonomi A, et al. The Functional Assessment of Cancer Therapy scale: development and validation of the general measure. *J Clin Oncol.* 1993;11(3):570-9.
3. Luckett T, King MT, Butow PN, Oguchi M, Rankin N, Price MA, et al. Choosing between the EORTC QLQ-C30 and FACT-G for measuring health-related quality of life in cancer clinical research: issues, evidence and recommendations. *Ann Oncol.* Oct 2011;22(10):2179-90. Epub 2011/02/23.
4. Conroy T, Mercier M, Schraub S, Bonnetterre J, Luporsi E, Lefebvre J-L, et al. Comparison of Three Quality-of-Life Instruments for Cancer Patients: Fact-G, Eortc QLQ-C30 and FLIC. *Qual Life Res.* 2000:274-.
5. Cheung YB, Goh C, Thumboo J, Khoo KS, Wee J. Quality of life scores differed according to mode of administration in a review of three major oncology questionnaires. *J Clin Epidemiol.* Feb 2006;59(2):185-91. Epub 2006/01/24.
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