

Quality of Contraceptive Counseling Short Scale (QCC-10), Afan Oromo version: Instrument and Scoring

Kutaa Safartuu qulqullina marii tajaajila karoora maatii gaaffachuu: Guyyaa harraa kana marii yeroo goonu, keninsa tajaajila karoora maatii wajjin yeroo marii goonu yaadaa deebisaa. Turtii marii har'a turre irraa kanee gaaffii isin gaafannuuf deebii keessan nuu kennaa. Kenniinsa tajaajilaa yeroo jennu, tajaajila karoora maatii kan kennuu kamiyyuu ogeessa, jechuunis Ogeessota fayyaa, Neersotaa fi Ogeessota ekistanshinii fayyaa dabalata. Tokko tokkoon gaaffii akka isheef dubbifamu godheen si gafadha. Fakkeenyaaf guyyaa har'atti tajaajila argadhee natti tolee jira jedhee yeroon dubbadhu; waliin turtii har'a goone yaadaa deebii kennita. Deebiin filannoo afur qaba. Guutuudha guutuuti ittin walii galaa, ittin walii gala, itti walii hin galu, guutuuf guutuummatti itti walii hin galu.¹

QCC-10 Scale					
	Item	Guutummaa guutuuti ittin walii gala	Ittin walii gala	Itti walii hin galu	Guutummaa guutuuti itti walii hin galu
1.	[opinion] Yeroon waliin mariin karoora maatii gaageefamutti maal akka barbaadu yaada koo kennuu danda'een ture	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
2.	[personal] Tajaajila kennan wa'ee koo irratt gorsaa kennu ni danda'a.	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
3.	[info] Tajaajila kennan wa'ee karoora maatii sirriitti ibsa kennuu ni danda'a.	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
4.	[body_react] Karoora maatii yeroon fayyadamu qama koo keessatti maal akka uumamu bareen jira.	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
5.	[method_use] Marii karoora maatii yeroo goonuu itti fayyadama isaa hubannoo argadheen jira	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
6.	[enough_time] Tajaajila kennaan dhima karoora maatii ilaalchisee akka filadhe dubbadhuuf yeroon ga'an kennameera.	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
7.	[express_self] Tajaajila kennaan wa'ee karoora maatii naa fikee akka fayyadamu cimse naa akeekachiseera.	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
8.	[no_interrupt] Namootin biroon akka hin seene ykn akka waliin turtii tajaajila kennaa waliin gabu addan hin kune dhorkee ture.	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
Kabaja laachuu fi kabaja dhowachuu (nama burjaajessuu) Sub-Scale (Note: the following questions have different response options)					
		Eyyee	Eyyee; shakkiidhaan	Shakiidha nuu miti	Miti
9.	[prov_insist] Tajaajila kennaan karoora maatii naa filee akka fayyadamu cimsee naa akeekachiseera.	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
10.	[scold_marital] Icitii dhima dhuunfaa koo tajaajila kennaaf hiree akka anaaf tajaajila kennaa jiduti hafu nati dhaga'ameera	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1

¹ Note that QCC-10 item wording varies very slightly for most items when compared to the long forms of the scale. These minor adjustments were made when incorporating the QCC-10 into Performance Monitoring and Accountability (PMA) survey instruments in 2021 for the sake of parsimony. For example, the item [opinion] originally was phrased "During the contraception consultation, I was able to give my opinion about what I needed"; the first phrase was removed to shorten the item for use in PMA. None of the changes represent substantive changes to item meaning.

Scoring the QCC scale

A composite QCC score can be calculated by taking a simple mean of all QCC Scale item responses on the 4-point response scale, keeping in mind to reverse score the Disrespect and Abuse items such that agreement with the

item indicates a low score (see Scale table above with response options and corresponding values). Higher scores correspond to higher report of quality of counseling.

In the validation study, each of the three Sub-Scale scores were sufficiently correlated with each other to allow for creating an overall score comprising the average of all 22 items in Mexico. Each subscale score can also stand alone as a measure of the separate subconstructs of Information Exchange, Interpersonal Relationships, or Disrespect and Abuse. Due to high skew in Disrespect and Abuse scores, we recommend those be dichotomized (by collapsing Yes/Yes with doubts/No with doubts and comparing to the highest score) when used as stand-alone measures.

References:

Reduction: Holt K, Karp C, Uttakar B, Quintero X, Gebrehanna E, Kanchan L, Zavala I. Reduction of the Quality of Contraceptive Counseling (QCC) Scale to a Short Version (QCC-10) in Ethiopia, India, and Mexico. *Contraception*. 2022 Oct 13. [10.1016/j.contraception.2022.09.128](https://doi.org/10.1016/j.contraception.2022.09.128).

Validation: Karp, C., OlaOlorun, F.M., Guiella, G., Gichangi, P., Choi, Y., Anglewicz, P. and Holt, K. (2023), Validation and Predictive Utility of a Person-Centered Quality of Contraceptive Counseling (QCC-10) Scale in Sub-Saharan Africa: A Multicountry Study of Family Planning Clients and a New Indicator for Measuring High-Quality, Rights-Based Care. *Studies in Family Planning*, 54: 119-143. <https://doi.org/10.1111/sifp.12229>.

Other QCC scale versions:

The QCC-10 scale is also available Amharic, Spanish, Gujarati, and English [here](#).

Three-dimensional, long form versions of the QCC scale have also developed and validated in

- [Ethiopia \(26 items\): Amharic, Afan Oromo, English versions](#)
- [India \(23 items\): Gujarati, English versions](#)
- [Mexico \(22 items\): Spanish, English versions](#)