

Agency in Contraceptive Decisions Scale: Igbo Version Instrument and Scoring

Introduction to Scale: The Agency in Contraceptive Decisions Scale measures “the ability of an individual to make and act on decisions related to whether to do something to avoid or delay pregnancy and what, if anything, to do when they are not actively trying to become pregnant.” This scale was originally developed and validated in Uganda and Nigeria and offers an innovative approach for measuring the extent to which people have agency to make empowered contraceptive decisions. The measure includes 15 items divided among four subscales: 1) Beliefs about Rights and Perceived Decision-making Control, 2) Decision-making Self-efficacy, 3) Knowledge Aligned with Preferences, and 4) Control over Use or Non-use. Depending on researchers’ interests and priorities, the subscales can be used alone or as part of a composite measure.

Instructions to be read by interviewer administering the scale: Achoro m iju gi ajuju ole na ole maka echiche gi banyere igbochi afo ime. Ajuju ndi a nile bu make gi onwe gi na mkpa gi na ihe ichoro. Mgbe owula m kwuru “ihe eji egbochi afo ime”, ihe m na-ekwu maka ya bu ihe mmadu nwere ike ime ka owere hapu ituta ime cha cha. Ufodu n’ime ihe ndia bu kondom, withdrawal, standard days method, ntutu, ihe ndi ana etinye n’ime ahu, mkpuru ogwu ma obu usoro ndi ozo. M juo gi ajuju maka usoro eji egbochi afo ime, ihe oputara bu ihe mmadu nwere ike ime ka ime hapu ibanye cha cha - obughi maka iwepu ime banyegoro aba. Biko buru uzo zaa “ee” ma obu “mba” tupu m juo gi ma obu “ee ikwesiri ike” ma obu “mba ikwesiri ike.”

Note to enumerators: **Gwa ndi na-aza ajuju ka ha buru uzo zaa “ee” ma obu “mba”. Ha zacha ya, ijuo ha ma obu “ee ka obu ee ikwesiri ike?” ijukwa zie ma obu “mba ka obu mba ikwesiri ike?”**

Agency in Contraceptive Decisions Scale		
Question		Response Options
Subscale 1: Beliefs about Rights and Perceived Decision-making Control <i>(related to what, if anything, to do to avoid pregnancy)</i>		
1.	Iga enwe ike inweta ihe eji egbochi afo ime ma icho ya?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
2.	Iga enwe ike ikoro onye nlekota ahu ike gbasara usoro eji egbochi afo ime ma oburu na ichoro?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
3.	Ichere na ndi no na ochichi kwesiri inye ihe eji egbochi afo ime na efu?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
4.	Ndi mmadu ekwesiri inwe ikike inu maka usoro ndi enwere eji egbochi afo ime?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike

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5.	Ndi mmadu ekwesiri inwe ikike ihoro n'ime usoro di iche iche eji egbochi afo ime ma oburu na ha choo?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
6.	Ikwenyere na ikike nhoro umu nwanyi nwere gbasara igbochi afo ime nwere mgbochi na ezighi ezi n'ihika ndi obodo si ahuta umu nwanyi?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
7.	Obu mkpebi gi onye iga agwa ma obu onye igaghi agwa ma ina eme ihe eji egbochi afo ime?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
8.	Iji aka gi were nwee mkpebi na onwe gi gbasara onye iga ege nti gbasara igbochi afo ime?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
Subscale 2: Decision-making Self-efficacy <i>(related to what, if anything, to do to avoid pregnancy)</i>		
9.	Oburu na onye ezi na ulo gi enyeghi gi nkwado na nhoro gi, iga enwe ike ime ihe kacha mma gbasara gi onwe gi igbochi afo ime?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
10.	Inwere obi siri ike na iga emere onwe gi ihe kacha mma gbasara igbochi afo ime?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
11.	Oburu na ihe ma obu mmadu nochie gi uzo, iga enwe ike ichoro uzo ozo ime ihe ichoro gbasara igbochi afo ime?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
Subscale 3: Knowledge Aligned with Preferences <i>(related to what, if anything, to do to avoid pregnancy)</i>		
12.	Imara uzo di iche iche eji egbochi afo ime?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
13.	Ugbua na ndu gi, ichere na ima ihe ichoro ima gbasara igbochi afo ime?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike

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Subscale 4: Control over Use or Non-use <i>(interference with one's ability to act on decisions related to what, if anything, to do to avoid pregnancy)</i>		
14.	Onwere onye no na ndu gi ma eme gi ka imee ihe ichoghi ime gbasara igbochi afo ime?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike
15.	Onwere onye no na ndu gi na egbochi gi ime ihe ichoro iji wee gbochie afo ime?	☐ Ee ekwesiri m ike ☐ Ee ☐ Mba ☐ Mba ekwesiri m ike

Scoring the Agency in Contraceptive Decisions Scale

Responses for each item should be coded as follows, “strongly no”=0, “no”=1, “yes”=2, “strongly yes”=3. A stronger affirmative response represents greater agency. The scale includes several negatively worded items (questions 14 and 15 above) that should be reverse scored (i.e. “strongly no”=3; “strongly yes”=0) to match this coding method. Scores are calculated by taking the mean of the items of interest (e.g., for the full scale, responses are summed and divided by 15; for subscales, the responses are summed and divided by the total number of subscale items). In the original scale construction, we used complete case analysis (i.e., only observations with valid responses on all scale items were included in psychometric analysis).

References:

Measurement Framework for the Agency in Contraceptive Decisions Scale: Holt, K., Challa, S., Alitubeera, P., Atuyambe, L., Dehlendorf, C., Galavotti, C., Idiodi, I., Jegede, A., Omoluabi, E., Waiswa, P., & Upadhyay, U. (2024). Conceptualizing Contraceptive Agency: A Critical Step to Enable Human Rights-Based Family Planning Programs and Measurement. *Global health: Science and Practice*, 12(1), e2300299. <https://doi.org/10.9745/GHSP-D-23-00299>.

Development and Validation of the Agency in Contraceptive Decisions Scale: Challa, S., Upadhyay, U., Wasswa, R., Nanono, S., Idiodi, I., Okoli, C., Alitubeera, P., Amongin, D., Jegede, A., Tijani, A., Birabwa, C., Atuyambe, L., Dimowa, S., Nmadu, A., Dehlendorf, D., Omoluabi, E., Waiswa, P., Holt, K. Development and Validation of the Agency in Contraceptive Decisions Scale in Uganda and Nigeria. *Studies in Family Planning* (2025). <https://doi.org/10.1111/sifp.70033>.

Other Agency in Contraceptive Decisions Scale versions:

The Agency in Contraceptive Decisions Scale is also available in Hausa, English, Langi/Luo, and Lusoga on the ICAN website [here](#). **A version for the United States context has also been adapted and validated**: Challa, S., Spiller, K., Upadhyay, U. D. & Holt, K. P083 - ADAPTATION AND VALIDATION OF THE CONTRACEPTIVE AGENCY SCALE FOR THE US. *Contraception* 139, 110662 (2024). <https://doi.org/10.1016/j.contraception.2024.110662>.