CLIENT AND PROVIDER EXPERIENCES WITH REMOVAL OF LONG-ACTING REVERSIBLE CONTRACEPTIVES IN SENEGAL

CODEBOOK: Provider Questionnaire

Green text = device automatically records, orange = prepopulated / programming instructions, Red= variable name

No.	Questions and filters	Coding categories	Code	Skip
uid	Participant unique identifier	*3 digits (XX-X)*		
doi	Date of interview *Automatically collected on device.*	[___|___] [___|___] [___|___|___|___] ***day*** ***month*** ***year***		
time_start	Interview start time *Automatically collected on device.*	hours, minutes, seconds		
time_end	Interview end time *Automatically collected on device.*	hours, minutes, seconds		
submission date	Submission Date *Automatically collected on device.*	Date interview was uploaded to ODK server		
	Enter your RA code	removed from dataset		
dis	Select the district	Saint-Louis Kolda Dakar Centre	1 2 3	
	Select the facility associated with the participant from log	removed from dataset		
	Select the PID associated with the participant from log	removed from dataset		
con	Did the participant consent to be interviewed?	Yes No	1 0	→ **END**

SECTION 1: DEMOGRAPHICS

READ: I would like to begin by asking you some questions about your background.

No.	Questions and filters	Coding categories	Code	Skip
q101	**Do not read**: Enter gender	Female male	1 2	
q102	How old were you on your last birthday?	[___|___] years		If <18 → END
q103	To confirm, have you ever received any training on **inserting implants**?	Yes No	1 0	→END
q104	Have you ever received any training on **inserting the copper IUD**?	Yes No	1 0	
q104a	Have you ever received training on using ultrasound?	Yes No	1 0	
q104b	Have you ever received training on using an X-ray machine?	Yes No	1 0	
q105	What is your certification?	Doctor Nurse Midwife Other Other, specify: __q105_specify___ No response Nurse assistant Health worker	1 2 3 4 Character 99 5 6	
106.	In addition to this health facility, do you currently spend time working at:		**Yes** / **No**	
		Another public health facility [q106_a]	1 / 0	
		A private health facility [q106_b]	1 / 0	
		Anywhere else [q106_c]	1 / 0	
		Anywhere else, specify: _____q106_c_specify_____		
q107	For how long have you been working with your current certification? ***Round to nearest number of years. Accept estimates***	[___][___] years ***If no response, enter 99***		

SECTION 2: FAMILY PLANNING EXPERIENCE

READ: Now I would like to discuss your experience providing contraceptive methods to your clients.

No.	Questions and filters	Coding categories	Code		Skip
q201	Let's talk about implants. In the last three months, how many implants have you yourself inserted?	[____][____] Implants inserted ***If not sure enter 88*** ***If no response enter 99***			
q202	When you insert an implant, do you tell your clients that they may experience changes in their monthly bleeding while using it?	Yes No I do not insert implants No response	1 0 3 99		 →204 →208 →204
q203	What bleeding changes do you tell them about? ***Multiple responses possible.*** ***Probe***: "Any other bleeding changes?"		**Yes**	**No**	
		Prolonged bleeding [q203_a]	1	0	**If response to [f] is 1, no other 1 responses allowed**
		Heavy bleeding [q203_b]	1	0	
		Irregular bleeding / spotting [q203_c]	1	0	
		Amenorrhea/Stopped periods [q203_d]	1	0	
		Other [q203_e]	1	0	
		Other, specify: ___q203_other_____			
		No response [q203_f]	1	0	
q204	When you insert an implant, do you tell your clients that they may experience other side effects or problems while using it?	Yes No No response	1 0 99		 →206 →206
q205	What side effects or problems do you tell them about? ***Multiple responses possible.*** ***Probe***: "Anything else?"		**Yes**	**No**	
		Abdominal/pelvic pain [q205_a]	1	0	
		Breast pain [q205_b]	1	0	
		Headaches [q205_c]	1	0	
		Mood changes [q205_d]	1	0	**If response to [k] is 1, no other 1 responses allowed**
		Nausea/Vomiting [q205_e]	1	0	
		Weight gain [q205_f]	1	0	
		Weight loss [q205_g]	1	0	
		Infection at the insertion site [q205_h]	1	0	
		Expulsion of the rod [q205_i]	1	0	
		Other [q205_other]	1	0	
		No response [q205_k]	1	0	
		Dizziness [q205_l]	1	0	
		Hypertension [q205_m]	1	0	

No.	Questions and filters	Coding categories	Code		Skip
			Yes	**No**	
q206	When you insert an implant, for what reasons do you tell clients that they can remove their implant? ***Multiple responses possible.*** ***Probe:*** "Any other reasons?"	Can remove for any reason [q206_a]	1	0	**If response to [h] or [i] is 1, no other 1 responses allowed**
		Wish to become pregnant [q206_b]	1	0	
		Experiencing bleeding changes [q206_c]	1	0	
		Experiencing side effects [q206_d]	1	0	
		Husband does not approve [q206_e]	1	0	
		Implant expired [q206_f]	1	0	
		Other [q206_g]	1	0	
		Other, specify: ___q206_other____			
		Do not talk about reasons for removal [q206_h]	1	0	
		No response [q206_i]	1	0	
		Hypertension [q206_j]	1	0	
		Weight gain [q206_k]	1	0	
q207	When you insert an implant, where do you tell your clients they can go when they want to have it removed?	This facility ONLY	1		
		This facility AND another facility	2		
		Other facility ONLY	3		
		Do not tell them where they can go	4		
		No response	99		
elig_208	Do not read, for programming from q104: Was the provider trained to insert the copper IUD?	Yes	1		
		No	0		**→301**
q209	In the last three months, how many IUDs have you yourself inserted?	[____][____] IUDs inserted ***If not sure enter 88*** ***If no response enter 99***			
q210	When you insert an IUD, do you tell your clients that they may experience changes in their monthly bleeding while using it?	Yes	1		
		No	0		**→212**
		I do not provide this service	3		**→212**
		No response	99		**→212**
q211	What bleeding changes do you tell them about? ***Multiple responses possible.*** ***Probe***: "Any other bleeding changes?"		**Yes**	**No**	
		Prolonged bleeding [q211_a]	1	0	**If response to [e] is 1, no other 1 responses allowed**
		Heavy bleeding [q211_b]	1	0	
		Irregular bleeding / spotting [q211_c]	1	0	
		Other [q211_d]			
		Other, specify: ____q211_other____	1	0	
		No response [q211_e]	1	0	
		amenorrhea [q211_f]	1	0	

No.	Questions and filters	Coding categories	Code		Skip
q212	When you insert an IUD, do you tell your clients that they may experience other side effects or problems while using it?	Yes	1		
		No	0		→214
		No response	99		→214
q213	What side effects or problems do you tell them about? ***Multiple responses possible.*** ***Probe***: "Anything else?"		**Yes**	**No**	**If response to [h] is 1, no other 1 responses allowed**
		Abdominal pain [q213_a]	1	0	
		Menstrual cramps [q213_b]	1	0	
		Infection [q213_c]	1	0	
		Expulsion [q213_d]	1	0	
		Missing strings [q213_e]	1	0	
		Uterine perforation [q213_f]	1	0	
		Other [q213_g]			
		Other, specify: ____q213_other____	1	0	
		No response [q213_h]	1	0	
		Headaches [q213_i]	1	0	
		Weight change [q213_j]	1	0	
		Dizziness [q213_k]	1	0	
q214	When you insert an IUD, for what reasons do you tell clients they can remove their implant? ***Multiple responses possible.*** ***Probe:*** "Any other reasons?"		**Yes**	**No**	**If response to [i] or [j] is 1, no other 1 responses allowed**
		Can remove for any reason [q214_a]	1	0	
		Wish to become pregnant [q214_b]	1	0	
		Experiencing bleeding changes [q214_c]	1	0	
		Experiencing side effects [q214_d]	1	0	
		Husband does not approve [q214_e]	1	0	
		IUD becomes dislodged [q214_f]	1	0	
		IUD expired [q214_g]	1	0	
		Other [q214_h]	1	0	
		Other, specify: ____q214_other____			
		Do not talk about reasons for removal [q214_i]	1	0	
		No response [q214_j]	1	0	
		Infection [q214_k]	1	0	
		Discomfort/ feel strings during sex [q214_l]	1	0	
q215	When you insert an IUD, where do you tell your clients they can go when they want to have it removed?	This facility ONLY	1		
		This facility AND another facility	2		
		Other facility ONLY	3		
		Do not tell them where they can go	4		
		No response	99		

SECTION 3: CAPACITY FOR INSERTIONS AND REMOVALS

READ: Thank you. Now I would like to ask you some questions about the type of training you have received on inserting and removing implants and IUDs.

No.	Questions and filters	Coding categories	Code		Skip
301.	Which of the following types of training have you received on **inserting implants**? **Read responses**		**Yes**	**No**	
		Pre-service training [q301_a]	1	0	
		In-service training [q301_b]	1	0	
		On-the-job mentoring [q301_c]	1	0	
		Other [q301_d]	1	0	
		Other training, specify: __q301_d_specify__			
q302	Have you ever received any training on **removing implants**?	Yes	1		
		No	0		**→308**
303.	Which of the following types of training have you received on **removing implants**? **Read responses**		**Yes**	**No**	
		Pre-service training [q303_a]	1	0	
		In-service training [q303_b]	1	0	
		On-the-job mentoring [q303_c]	1	0	
		Other [q303_d]	1	0	
		Other training, specify: __q303_d_specify__			
304.	When was the most recent training you received on **removing implants**?	[__][__] month[q304month] ***If not sure enter 88*** ***If no response enter 99*** [__][__][__][__] year[q304year] ***If not sure enter 8888*** ***If no response enter 9999***			
q305	During your most recent training, did you do implant removals on actual clients as part of the practical?	Yes	1		
		No	0		
q305a	During your most recent training, approximately how many implant removals did you perform on **actual clients**?	[__] [__] implant removals			
q306	During your most recent training, did you have enough opportunity to practice **removing implants** from models or clients?	Yes	1		
		No	0		
		No response	99		
q307	Did any of your training on **removing implants** cover removing deeply inserted (non-palpable) implants?	Yes	1		
		No	0		
		No response	99		

No.	Questions and filters	Coding categories	Code		Skip
	Do not read, for programming from q104: Was the provider trained to insert the copper IUD?	Yes No	1 0		→316
309.	Now let's talk about IUDs. Which of the following types of training have you received on **inserting IUDs**? **Read responses**		**Yes**	**No**	
		Pre-service training [q309_a]	1	0	
		In-service training [q309_b]	1	0	
		On-the-job mentoring [q309_c]	1	0	
		Other [q309_d]	1	0	
		Other training, specify: __q309_d_specify____			
q310	Have you ever received any training on **removing IUDs**?	Yes No	1 0		 →316
311.	Which of the following types of training have you received on **removing IUDs**? **Read responses**		**Yes**	**No**	
		Pre-service training [q311_a]	1	0	
		In-service training [q311_b]	1	0	
		On-the-job mentoring [q311_c]	1	0	
		Other [q311_d]	1	0	
		Other training, specify: __q311_d_specify____			
312.	When was the most recent training you received on **removing IUDs**?	[__][__] month [q312month] ***If not sure enter 88*** ***If no response enter 99*** [__][__][__][__] year [q312year] ***If not sure enter 8888*** ***If no response enter 9999***			
q313	During your most recent training, did you make IUD withdrawals from actual clients as a practical?	Yes No	1 0		
q313a	During your most recent training, approximately how many IUD removals did you perform on **actual clients**?	[__] [__] IUD removals			
q314	During your last training, did you have enough opportunity to practice **removing IUDs** from models or clients?	Yes No No response	1 0 99		
q315	Did any of your training on **removing IUDs** cover removing IUDs with non-visible strings?	Yes No No response	1 0 99		

No.	Questions and filters	Coding categories	Code	Skip
q316	Now, I am going to ask you a series of questions to understand how confident you feel performing some procedures. For each question, please tell me if you feel very confident, confident, moderately confident, somewhat confident or not confident performing this procedure. You can also tell me if you do not provide this service. How confident are you **inserting two-rod implants (Jadelle)**?	Not confident Somewhat confident Moderately confident Confident Very confident Does not provide this service No response	1 2 3 4 5 88 99	
q317	How confident are you **inserting one-rod implants (Implanon)**?	Not confident Somewhat confident Moderately confident Confident Very confident Does not provide this service No response	1 2 3 4 5 88 99	
q318	How confident are you **removing two-rod implants (Jadelle)**?	Not confident Somewhat confident Moderately confident Confident Very confident Does not provide this service No response	1 2 3 4 5 88 99	
q319	How confident are you **removing one-rod implants (Implanon)**?	Not confident Somewhat confident Moderately confident Confident Very confident Does not provide this service No response	1 2 3 4 5 88 99	

No.	Questions and filters	Coding categories	Code	Skip
q320	How confident are you **removing an implant that is deeply inserted (non-palpable)**?	Not confident	1	
		Somewhat confident	2	
		Moderately confident	3	
		Confident	4	
		Very confident	5	
		Does not provide this service	88	
		No response	99	
q321	Now, let's talk about IUDs. How confident are you **inserting a copper IUD**?	Not confident	1	
		Somewhat confident	2	
		Moderately confident	3	
		Confident	4	
		Very confident	5	
		Does not provide this service	88	
		No response	99	
q322	How confident are you **removing a copper IUD**?	Not confident	1	
		Somewhat confident	2	
		Moderately confident	3	
		Confident	4	
		Very confident	5	
		Does not provide this service	88	
		No response	99	
q323	How confident are you **removing a copper IUD with missing or lost strings**?	Not confident	1	
		Somewhat confident	2	
		Moderately confident	3	
		Confident	4	
		Very confident	5	
		Does not provide this service	88	
		No response	99	

SECTION 4: EXPERIENCE PROVIDING REMOVALS

READ: Thank you. Now I would like to ask you about your experience removing implants and IUDs.

No.	Questions and filters	Coding categories	Code	Skip
IMPLANTS				

No.	Questions and filters	Coding categories	Code	Skip
q401	Have you yourself ever removed an implant from a client?	Yes No No response	1 0 99	 **→403** **→403**
q402	In the past three months, how many implants have you yourself removed from a client?	[____][____][____] Implants removed ***If not sure enter 888*** ***If no response enter 999***		
q402a	In the past three months, how many women have you referred elsewhere for implant removal?	[____][____][____] Referred for removal **If not sure enter 888** **If no response enter 999**		
q403	When a woman wants to get her implant removed because she wants to get pregnant, what questions do you ask her before doing the removal? ***Multiple responses possible.*** ***Probe***: "Any other questions?"		**Yes** / **No**	**If response to [a] or [j] is 1, no other 1 responses allowed**
		No questions [q403_a]	1 / 0	
		Number of children she has [q403_b]	1 / 0	
		Age of youngest child/ last delivery date [q403_c]	1 / 0	
		Partner status [q403_d]	1 / 0	
		Her age [q403_e]	1 / 0	
		Where she had implant inserted [q403_f]	1 / 0	
		How long she had her implant [q403_g]	1 / 0	
		If signs of risky pregnancy [q403_h]	1 / 0	
		Other [q403_i]	1 / 0	
		Other, specify: ___q403_other_____		
		No response [q403_j]	1 / 0	
		Pregnancy readiness [q403_k]		

No.	Questions and filters	Coding categories	Code		Skip
			Yes	No	
q404	When a woman wants to have her implant removed due to changes in her period or other side effects, what questions do you ask before doing the removal? ***Multiple responses possible.*** ***Probe***: "Any other questions?"	No questions [q404_a]	1	0	**If response to [a] or [k] is 1, no other 1 responses allowed**
		Number of children she has [q404_b]	1	0	
		Age of youngest child/ last delivery date [q404_c]	1	0	
		Partner status [q404_d]	1	0	
		Her age [q404_e]	1	0	
		Where she had implant inserted [q404_f]	1	0	
		How long she had her implant [q404_g]	1	0	
		What bleeding changes or side effects she has [q404_h]	1	0	
		How long she has experienced bleeding changes/side effects [q404_i]	1	0	
		If we can try to treat bleeding changes/side effects [q404_j]	1	0	
		Other [q404_k]	1	0	
		Other, specify: ____q404_other____			
		No response [q404_l]			
		If she wants to use a different method [q404_m]			
q405	Have you ever encountered a situation where removing an implant was difficult because the implant was placed too deeply?	Yes	1		→407
		No	0		→407
		No response	99		
q406	In the past three months, how many times have you encountered a situation where a client presented for a removal with a deeply placed implant?	[____][____][____] Deep implants ***If not sure enter 888*** ***If no response enter 999***			
407.	If q401=1: Have you ever **successfully removed** an implant in any of the following situations: **Read situations, one by one, and record response**		**Yes**	**No**	
		Deeply inserted/ non palpable [q407_a]	1	0	
		Broken rod [q407_b]	1	0	
		Bent rod [q407_c]	1	0	
		Rod inserted somewhere else besides arm [q407_d]	1	0	
		Excessive bleeding [q407_e]	1	0	
		Excessive rod encapsulation [q407_f]	1	0	
		Client gained a lot of weight [q407_g]	1	0	
		Other [q407_h]	1	0	
		Other type of difficult removal, specify: ___q407_h_specify___			

No.	Questions and filters	Coding categories	Code		Skip
408.	Has there ever been a time where a client came to the facility to have her implant removed, but you referred her or told her to come back without being able to do the removal yourself for any of the following reasons: ***Read situations, one by one, and record response***		**Yes**	**No**	
		Deeply inserted/ non palpable [q408_a]	1	0	
		Broken rod [q408_b]	1	0	
		Bent rod [q408_c]	1	0	
		Rod inserted somewhere else besides arm [q408_d]	1	0	
		Excessive bleeding during removal [q408_e]	1	0	
		Excessive rod encapsulation [q408_f]	1	0	
		Client gained a lot of weight [q408_g]			
		Other [q408_h]	1	0	
		Other type of difficult removal, specify: ___q408_h_specify_____			
409.	Has there ever been a time when a client came to the facility to get her implant removed, but you referred or made her come back without making the removal on that date for any of the following reasons:		**Yes**	**No**	
		You were too busy to attend to her [q409_a]	1	0	
		Client arrived late, at the end of consultations [q409_b]	1	0	
		This facility did not have the products you needed, like gloves, compresses or anaesthesia [q409_c]	1	0	
		This facility did not have the equipment you needed, like scalpel or forceps [q409_d]	1	0	
		The necessary equipment has not been sterilized [q409_e]	1	0	
		You did not feel confident performing the removal [q409_f]	1	0	
		She had only had her implant for a short amount of time [q409_g]	1	0	
		She was not able to pay for services [q409_h]	1	0	
		You told her it was better to keep it [q409_i]	1	0	
		Other [q409_j]	1	0	
		Other, specify: ___q409_j_specify___			

No.	Questions and filters	Coding categories	Code		Skip
			Yes	No	
q410	If q409h=1: For what reasons have you told clients it was better to keep their implant than to remove it?	You made her weigh keeping the method against pregnancy risk [q410_a]	1	0	If response to [f] is 1, no other 1 responses allowed
		Client did not want to get pregnant [q410_b]	1	0	
		Should try to manage side effects first [q410_c]	1	0	
		Had not had her implant long [q410_d]	1	0	
		Other [q410_e]	1	0	
		Other, specify: _____q410_other___			
		No response [q410_f]	1	0	
q411	Have you ever referred a client somewhere else for an implant removal?	Yes	1		
		No	0		
		No response	99		
IUDs					
q412	Now let's talk about IUD removals. Have you yourself ever removed an IUD from a client?	Yes	1		
		No	0		→414
		No response	99		→414
q413	In the past three months, how many IUDs have you yourself removed from a client?	[____][____][____] IUDs removed ***If not sure enter 888*** ***If no response enter 999***			
q413a	In the past three months, how many women have you referred elsewhere for IUD removal?	[____][____][____] Referred for removal ***If not sure enter 888*** ***If no response enter 999***			
q414	Have you ever encountered a situation where removing an IUD is difficult because the strings are not visible?	Yes	1		
		No	0		→416
		No response	99		→416
q415	In the past three months, how many times have you encountered a situation where a client presented for an IUD removal with non-visible strings?	[____][____][____] IUDs with non-visible strings ***If not sure enter 888*** ***If no response enter 999***			
416.	If q412=1: Have you ever **successfully removed** an IUD in any of the following situations: **Read situations, one by one, and record response**		Yes	No	
		Non-visible strings [q416_a]	1	0	
		IUD embedded in uterine wall [q416_b]	1	0	
		IUD perforated through uterine wall [q416_c]	1	0	
		Other [q416_d]	1	0	
		Other type of difficult removal, specify: ___q416_d_specify_____			

No.	Questions and filters	Coding categories	Code		Skip
417.	Has there ever been a time when a client came to the facility to have their IUD removed, but you referred her or told her to come back without being able to remove it yourself for any of the following reasons? ***Read situations, one by one, and record response***		**Yes**	**No**	
		Non-visible strings [q417_a]	1	0	
		IUD embedded in uterine wall [q417_b]	1	0	
		IUD perforated through uterine wall [q417_c]	1	0	
		Other [q417_d]	1	0	
		Other type of difficult removal, specify: ___q417_d_specify____			
418.	Has there ever been a time when a client came to the facility to get her IUD removed, but you referred her or told her to come back without making the removal on that day for any of the following reasons:		**Yes**	**No**	
		You were too busy to attend to her [q418_a]	1	0	
		Client arrived late, at the end of consultations [q418_b]	1	0	
		This facility did not have the products you needed, like gloves, compresses or anaesthesia [q418_c]	1	0	
		This facility did not have the equipment you needed, like scalpel or forceps [q418_d]	1	0	
		The necessary equipment had not been sterilized [q418_e]	1	0	
		You did not feel confident performing the removal [q418_f]	1	0	
		She had only had her IUD for a short amount of time [q418_g]	1	0	
		She was not able to pay for services [q418_h]	1	0	
		You told her it was better to keep it [q418_i]	1	0	
		Other [q418_j]	1	0	
		Other, specify: __q418_j_specify_____			

No.	Questions and filters	Coding categories	Code		Skip
			Yes	No	
q419	If q418h=1: For what reasons have you told clients it was better to keep their IUD than to remove it?	You made her weigh keeping the method against pregnancy risk [q419_a]	1	0	If response to [f] is 1, no other 1 responses allowed
		Client did not want to get pregnant [q419_b]	1	0	
		Should try to manage side effects first [q419_c]	1	0	
		Had not had her IUD long [q419_d]	1	0	
		Other [q419_e]	1	0	
		Other, specify: _____q419_other____			
		No response [q419_f]	1	0	
q420	Have you ever referred a client somewhere else for an IUD removal?	Yes	1		
		No	0		
		No response	99		
Thank you for taking the time to speak with me today. Do you have any questions?					