Survey Solutions

HGOPY App

SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION

COVER

No sub-sections, No rosters, No questions.

ADMINISTRATIVE INFO

Sub-sections: 1, No rosters, Questions: 44, Static texts: 9, Variables: 31.

FERTILITY AND BIRTHS

No sub-sections, No rosters, Questions: 26, Static texts: 7, Variables: 8.

CONSULTATION

No sub-sections, No rosters, Questions: 41, Static texts: 17, Variables: 4.

CONSULTATION - RETURN

No sub-sections, No rosters, Questions: 37, Static texts: 22, Variables: 6.

FERTILITY AND BIRTHS - RETURN

No sub-sections, No rosters, Questions: 22, Static texts: 6, Variables: 5.

MEDICAL EXAM

No sub-sections, No rosters, Questions: 9, Static texts: 5, Variables: 1.

METHOD CHOICE

Sub-sections: 5, No rosters, Questions: 72, Static texts: 67, Variables: 83.

CONFIRMATION

No sub-sections, No rosters, Questions: 8, Static texts: 10, Variables: 11.

APPENDIX A — ENABLING CONDITIONS

APPENDIX B — VARIABLES

APPENDIX C — CATEGORIES FILTERS

LEGEND

Basic information

Title   HGOPY App

COVER

ADMINISTRATIVE INFO

Please press the button below to record the date and time of the consultation	DATE: CURRENT TIME `interview_date` ....
VARIABLE `interview_date.Value.Date.ToString("d MMM yyyy")`	STRING `today`
VARIABLE `(new DateTime (2021, 01, 01))`	DATETIME `experiment_start_date`
VARIABLE `experiment_start_date.Value.Date.ToString("d MMM yyyy")`	STRING `experiment_start_date_s`
VARIABLE `interview_date.Value.Date>=experiment_start_date.Value.Date && return_patient==0`	BOOLEAN `recruited`
VARIABLE `(new DateTime (2019, 12, 09))`	DATETIME `pilot_start_date`
VARIABLE `interview_date.Value.Date.AddMonths(-6).ToString("dddd, MMMM dd")`	STRING `date_6m`
VARIABLE `interview_date.Value.Date.AddMonths(12).ToString("dd MMM M, yyyy")`	STRING `date1year`
VARIABLE `((int)Math.Abs(((new DateTime (2020, 01, 31)) - interview_date).Value.TotalDays)*24*60)+100000`	LONG `days_since_min`
VARIABLE `interview_date.Value.Hour*60`	LONG `hours_today_min`
VARIABLE `interview_date.Value.Minute`	LONG `this_hour_min`
VARIABLE `days_since_min+hours_today_min+this_hour_min`	DOUBLE `added_up`
VARIABLE `Convert.ToString(added_up)`	STRING `added_up_string`
VARIABLE `added_up_string.Left(2)`	STRING `n1`
VARIABLE `added_up_string.Substring(added_up_string.Length-4).Left(2)`	STRING `n2`
VARIABLE `added_up_string.Right(2)`	STRING `n3`
VARIABLE `(practitioner<=10) ? practitioner+(10*ward) : (practitioner==99) ? 99-(ward) : 99`	LONG `n4`

STATIC TEXT

E `view_text==true`

CODE:

number of days in minutes since: %days_since_min%

number of hours today in minutes: %hours_today_min%
number of minutes this hour: %this_hour_min%
all added up: %added_up% / as a string: %added_up_string%

Code: %n1% - %n2% - %n3% - %n4%

VARIABLE	BOOLEAN	view_prices
true		

VARIABLE	BOOLEAN	view_view
true		

VARIABLE	BOOLEAN	view_text
false		

VARIABLE	BOOLEAN	consent_ask
true		

VARIABLE	BOOLEAN	ask_for_consent
patient_status=="New"	This variable is excluded from the exported data	

VARIABLE	BOOLEAN	non_emancipated_minor
age<18 && !marital_status.InList(2,3,4,6) && IsAnswered(marital_status)		

VARIABLE	STRING	DM
(IsAnswered(numero_dossier)) ? numero_dossier : (IsAnswered(numero_dossier2)) ? numero_dossier2 : "..."		

Department of the client

E `IsAnswered(interview_date)`

SINGLE-SELECT	ward

01 ○ Planning familial (Initiative personelle)
02 ○ Gynécologie – hospitalisation / réanimation
03 ○ Gynécologie – externe / consultation prénatales
04 ○ Maternité
05 ○ Pédiatrie – Néonatologie
06 ○ Pédiatrie – externe
07 ○ Urgences
08 ○ Campagne

Provider

E `IsAnswered(ward)`

TEXT	practitioner
....	

Please enter your name:

E `practitioner.InList(99)`

TEXT	practitioner_other
....	

Please welcome the client and explain:

E   IsAnswered(practitioner)

MULTI-SELECT   pledge

- 01 ☐ The purpose of the session is to talk about her life and objectives
- 02 ☐ You will discuss the importance of spacing pregnancies, safe sex, and contraceptive methods
- 03 ☐ This consultation is completely confidential, and she can stop it at any time for any reason
- 04 ☐ She should speak freely and ask all the questions she wants to ask
- 05 ☐ The hospital is conducting a study to improve its services, which includes the tablets and randomized discounts

---

Have you ever received a Family Planning consultation from someone at HGOPY using a tablet like this one?

I   This question refers to consultations conducted AFTER the 1st of Decembre 2019!
E   pledge.ContainsAll (1,2,3,4,5)

SINGLE-SELECT   return_patient

- 00 ◯ No - client has NOT received a consultation (FIRST TIME client)
- 01 ◯ Yes - client has received a consultation (RETURN client)

Client's birth date

Age: %age%

E   patient_status=="New" || patient_status=="Return"
V1 FullYearsBetween(woman_birth_date, interview_date)>=8
M1 Are you sure this date is correct?
V2 FullYearsBetween(woman_birth_date, interview_date)<=65
M2 Are you sure this date is correct?

DATE   woman_birth_date

·······································

If the client does not know her exact date of birth please enter her age

E   (patient_status=="New" || patient_status=="Return") && !
    IsAnswered(woman_birth_date)

NUMERIC: INTEGER   age_dob_dk

– ·

VARIABLE

(IsAnswered(woman_birth_date)) ? FullYearsBetween(woman_
birth_date, interview_date) : (!IsAnswered(woman_birth_d
ate) && IsAnswered(age_dob_dk)) ? age_dob_dk : 99

LONG   age

VARIABLE

woman_birth_date.Value.Date.ToString("d MMM yyyy")

STRING   woman_birth_date_string

What is your marital status?

E   ((patient_status=="New" && (IsAnswered(age_dob_dk) || Is
    Answered(woman_birth_date))) && (IsAnswered(woman_birth_
    date) || IsAnswered(age_dob_dk)))

SINGLE-SELECT   marital_status

- 01 ◯ Single
- 04 ◯ Unmarried couple (cohabiting)
- 02 ◯ Married - monogamous
- 03 ◯ Married - polygamous
- 05 ◯ Separated/Divorced
- 06 ◯ Widow

STATIC TEXT

E   non_emancipated_minor==true && age.InRange(15,17) && IsAnswered(marital_status) && consent_start!=0

The client is a NON-emancipated minor, please make sure to also record whether her parents gave consent for her participation in study.

STATIC TEXT

E   patient_status=="New" && age.InRange(15,49)

Veuillez enregistrer le consentement dans la section below.

ADMINISTRATIVE INFO
CONSENT - FOLLOW-UP PHONE CALLS

<div align="right">consent_sec_start</div>

E `patient_status=="New" && age.InRange(15,49)`

STATIC TEXT

Please let the client read the consent form and answer her questions. If the client is illiterate, please read the consent form out to her.

Did the client <u>herself</u> give consent to participate in the <u>follow-up phone interviews</u>? I If the client is a minor (under 18), we will record her parent's consent at the end of the consultation.	SINGLE-SELECT consent_start 01 ○ Yes - client gave consent/assent to participate 00 ○ No - client did NOT give consent/assent to participate
The client is a NON-emancipated minor. **Did the client's PARENTS give consent for their daughter to participate in the <u>follow-up interviews</u>?** E `patient_status=="New" && // only ask parents consent for non emancipated minors consent_start==1 && age.InRange(15,17) && non_emancipated_minor==true`	SINGLE-SELECT consent_parents_start 01 ○ Yes 00 ○ No 99 ○ Could NOT reach/talk to parents
Name E `(patient_status=="New" && consent_start==1) && consent_parents_start!=0`	TEXT name_start ....
Phone number of the CLIENT: E `(patient_status=="New" && consent_start==1) && consent_parents_start!=0`	TEXT phone_start ....

STATIC TEXT

E `consent_parents_start==99`

Please collect a phone number for the client and for the client's parents below, the researchers will seek consent from the client's parents later.

Phone number for the PARENTS: E `//minor and parents consented also consent_parents_start==99`	TEXT phone_parents_start ....

STATIC TEXT

E `patient_status=="New" && // adult consented ((consent_start==1 && (age>=18 || (age.InRange(15,17) && non_emancipated_minor==false))) || //minor consented (consent_start==1 && consent_parents_start==` <u>And 63 other symbols [45]</u>

Please collect at least one alternative phone number for the client.

Phone number ALTERNATIVE: E `patient_status=="New" && // adult consented ((consent_start==1 && (age>=18 || (age.InRange(15,17) && non_emancipated_minor==false))) || //minor consented (consent_start==1 && consent_parents_start==` <u>And 63 other symbols [4]</u>	TEXT phone_other_start ....
Whose phone is this? I Please include here any relevant notes on this phone number. E `patient_status=="New" && // adult consented ((consent_start==1 && (age>=18 || (age.InRange(15,17) && non_emancipated_minor==false))) || //minor consented (consent_start==1 && consent_parents_start==` <u>And 63 other symbols [5]</u>	TEXT phone_other_notes_start ....

Phone number ALTERNATIVE 2:	TEXT	phone_other2_start

E `patient_status=="New" && // adult consented (consent_start==1 && (age>=18 || (age.InRange(15,17) && non_emancipated_minor==false)))`

....■

Whose phone is this?　　　　　　　　　TEXT　　　　　phone_other2_notes_start

I　Please include here any relevant notes on this phone number.

E `patient_status=="New" && // adult consented (consent_start==1 && (age>=18 || (age.InRange(15,17) && non_emancipated_minor==false)))`

....■

Please read these numbers out to the client

SINGLE-SELECT　　　　　　numbers_check_start

Are these phone numbers correct: Tel : %phone_start%
Tel : %phone_parents_start%
Tel : %phone_other_start%
Tel : %phone_other2_start%

- 01 ○ Yes
- 00 ○ No

E　`IsAnswered(phone_start)`
V1　`self!=0`
M1　Please go back and correct them!

Langue preferée?　　　　　　　　　SINGLE-SELECT　　　　　language

E　`IsAnswered(phone_start)`

- 01 ○ Francais
- 02 ○ Anglais

What is the highest level of education completed?　　　SINGLE-SELECT　　education_level

E `patient_status=="New" && IsAnswered(marital_status) && ( IsSectionAnswered(consent_sec_start) || age.InRange(15,49))`

- 01 ○ University and above
- 02 ○ High school
- 03 ○ Secondary
- 04 ○ Primary
- 05 ○ None or Nursery

What is your primary activity?　　　SINGLE-SELECT　　profession_cat

E `patient_status=="New" && IsAnswered(education_level)`

- 01 ○ Business owner / entrepreneur
- 02 ○ Trader
- 03 ○ Salaried worker
- 04 ○ Domestic activities
- 05 ○ Student
- 06 ○ Unpaid apprenticeship or training, volunteer work, community work
- 07 ○ Unemployed
- 99 ○ Other

Please specify the primary activity:　　　TEXT　　　profession_sp

E `profession_cat.InList(1,3,99)`

....■

What is your religion?　　　　　　　SINGLE-SELECT　　　religion

E `patient_status=="New" && IsAnswered(profession_cat)`

- 01 ○ None
- 02 ○ Catholic
- 03 ○ Protestant
- 04 ○ Muslim
- 05 ○ Traditional
- 99 ○ Others

Question	Type	Variable
Which neighbourhood are you from? E `patient_status=="New" && IsAnswered(religion)`	TEXT	neighbourhood
Were you given a card (like this one) with your chosen method and other information on it? **Do you have it with you?** E `return_patient==1`	SINGLE-SELECT 01 ◯ Yes - client has card with her 02 ◯ Yes - was given a card but client does NOT have card with her 00 ◯ No - was NOT given a card	return_card
No problem. let's find your information in the register. E `return_card.InList(2)`	SINGLE-SELECT 01 ◯ Client's information found in register 00 ◯ Client's information could NOT be found in the register	return_register
Unique card number: *If you absolutely cannot find the client's card number, please enter it as 00-00-00-00.* E `patient_status=="Return"`	TEXT	card_id_return
Numero de dossier? E `patient_status=="Return"`	TEXT	numero_dossier
Consented to follow up interviews? *Only clients who received their first consultation after %experiment_start_date_s% should have given consent!* E `patient_status=="Return" && age.InRange(15,49)`	SINGLE-SELECT 01 ◯ C-OUI 00 ◯ C-NON 99 ◯ C-N/A	consent_past
Name E `(patient_status=="Return" && consent_past==1)`	TEXT	name_return
Phone number E `(patient_status=="Return" && consent_past==1)`	TEXT	phone_return
VARIABLE `// client are Return clients if they have their card of if their info is found in register (return_patient==1 && (return_card==1 || return_register==1)) ? "Return" : // everyone else is a New client (` [And 155 other symbols [1]](#)	STRING	patient_status
View E `patient_status=="Return" && IsAnswered(card_id_return)`	SINGLE-SELECT 01 ◯ D-SQ 02 ◯ RP	view_past
Date of previous visit (from card) E `patient_status=="Return" && (return_card==1 || return_register==1) && IsAnswered(view_past)` V1 `self.InRange(new DateTime (2019, 5, 01),interview_date)` M1 ERROR: Either this date is in the future or this card was given before the experiment started, please go back and answer "NO" to the question asking if the client has ever received a consultation at HGOPY with the tablet.	DATE	return_date

Price set

E `patient_status=="Return" && (return_card==1 || return_re gister==1) && IsAnswered(return_date)`

	SINGLE-SELECT	return_prices
10	◯	10
09	◯	9
08	◯	8
07	◯	7
06	◯	6
05	◯	5
04	◯	4
03	◯	3
02	◯	2
01	◯	1

LAM

E `patient_status=="Return" && (return_card==1 || return_re gister==1) && IsAnswered(return_prices)`

SINGLE-SELECT — lam_return_method

- 01 ◯ Yes
- 00 ◯ No

CHOSEN modern method

E `patient_status=="Return" && (return_card==1 || return_re gister==1) && IsAnswered(lam_return_method)`

SINGLE-SELECT — chosen_return_method

- 01 ◯ IUD
- 02 ◯ Implant
- 03 ◯ Pill (COC or POP)
- 04 ◯ Injectable
- 00 ◯ None / Other

ADOPTED modern method

E `patient_status=="Return" && (return_card==1 || return_re gister==1) && IsAnswered(chosen_return_method) && chosen _return_method!=0`

SINGLE-SELECT — adopted_return_method

- 01 ◯ IUD
- 02 ◯ Implant
- 03 ◯ Pill (COC or POP)
- 04 ◯ Injectable
- 00 ◯ None / Other

Are you here to adopt the %chosen_return_method%?

E `patient_status=="Return" && chosen_return_method.InList( 1,2,3,4) && adopted_return_method==0`

SINGLE-SELECT — return_adopt

- 01 ◯ Yes
- 00 ◯ No

What would you like to do?

I Please select "Discuss issues with current method..." if the client would like to discuss with her CURRENT contraceptive method, regardless of the adopted method that is on the card.

E `patient_status=="Return" && lam_return_method.InList(0) && // X X chose and adopted the same thing ((chosen_retu rn_method.InList(1,2,3,4) && adopted_return_method.InLis t(1,2,3,4) && chosen_return_` And 31 other symbols [1]

SINGLE-SELECT — what_to_do_xx

- 04 ◯ Renew ADOPTED method
- 01 ◯ Switch/Consider other methods
- 02 ◯ Discuss issues with current method (e.g. side effects, etc.)
- 03 ◯ Would like to get pregnant

What would you like to do?

I Please select "Discuss issues with current method ..." if the client would like to discuss with her CURRENT contraceptive method, regardless of the adopted method that is on the card.

E `patient_status=="Return" && lam_return_method.InList(0) && // X Y chose something and adopted something differen t (chosen_return_method.InList(1,2,3,4,5) && adopted_ret urn_method.InList(1,2,3,4,5)` And 48 other symbols [2]

SINGLE-SELECT — what_to_do_xy

- 05 ◯ Adopt the CHOSEN method
- 04 ◯ Renew the ADOPTED method
- 01 ◯ Switch/Consider other methods
- 02 ◯ Discuss issues with current method (e.g. side effects, etc.)
- 03 ◯ Would like to get pregnant

What would you like to do?	SINGLE-SELECT	what_to_do_lam

I Please select "Discuss issues with current method..." if the client would like to discuss with her CURRENT contraceptive method, regardless of the adopted method that is on the card.

F // LAM and nothing else or a chosen method that the client does not want to adopt (chosen_return_method.InList(0) && !@optioncode.InList(2,4,5)) || (chosen_return_method.InList(1,2,3,4) && adopted_r
And 384 other symbols [1]

E patient_status=="Return" && lam_return_method.InList(1) && (// LAM and none chosen_return_method.InList(0) || // LAM and chosen but doesn't want to adopt chosen (chosen_return_method.InList(1,2,3, And 179 other symbols [3]

- 01 ◯ Adopt / consider OTHER methods
- 05 ◯ Adopt the CHOSEN method
- 04 ◯ Renew the ADOPTED method
- 02 ◯ Discuss issues with current method
- 06 ◯ Discuss issues with LAM (e.g. side effects, etc.)
- 03 ◯ Would like to get pregnant

VARIABLE / **LONG** `return_method`

```
// client wants to adopt X – then the return method (i.e
. in first place) is chosen method (return_adopt==1 || w
hat_to_do_xy==5 || what_to_do_lam==5) ? chosen_return_me
thod : // client wants to renew
```

And 163 other symbols [2]

VARIABLE / **STRING** `q_version`

```
// new patient (patient_status=="New") ? "Full" : // bla
nk blank go for full consultation (chosen_return_method.
InList(0) && lam_return_method.InList(0)) ? "Full" : //
X blank and wants to adopt or n
```

And 2938 other symbols [3]

VARIABLE / **LONG** `path`

```
// full new consultation == 1 (q_version=="Full" && pati
ent_status=="New" && IsAnswered(neighbourhood)) ? 1 : //
full return consultation == 2 (q_version=="Full" && pati
ent_status=="Return") ? 2 :
```

And 177 other symbols [4]

VARIABLE / **STRING** `discuss_method`

```
(adopted_return_method==1 && (what_to_do_xx.InList(1,2)
|| what_to_do_xy.InList(1,2) || what_to_do_lam.InList(1,
2))) ? "DIU – cu" : (adopted_return_method==2 && (what_t
o_do_xx.InList(1,2) || what_to_d
```

And 395 other symbols [5]

VARIABLE / **STRING** `return_method_s`

```
(return_method==1) ? "IUD" : (return_method==2) ? "IMPLA
NT" : (return_method==3) ? "PILL" : (return_method==4) ?
"INJECTABLE" : "NONE"
```

STATIC TEXT

E view_text==true

patient status : %patient_status%

q version : %q_version%

path : %path%

return method : %return_method% / %return_method_s%

discuss method: %discuss_method%

STATIC TEXT

E what_to_do_xx.InList(3) || what_to_do_xy.InList(3) || what_to_do_lam.InList(3)

Initiate a discussion about the possible health risks posed by pregnancy based on her health records and circumstances, and the proceed to removal as appropriate (or explain about discontinuing injectables/pills if necessary).

The consultation is finished. Please press the button below to record the end date and time of the consultation.	DATE: CURRENT TIME	interview_end6
E (what_to_do_xx.InList(3) || what_to_do_xy.InList(3) || what_to_do_lam.InList(3))	▪▪	

Have you provided the client with condoms? If not please provide condoms to the client.	SINGLE-SELECT	provided_condoms2
	01 ◯ Yes	
E what_to_do_xx.InList(3) || what_to_do_xy.InList(3) || what_to_do_lam.InList(3)	00 ◯ No	

STATIC TEXT

FERTILITY AND BIRTHS

E `path.InList(1,2,3)`

Is the client currently <u>knowingly</u> pregnant?	SINGLE-SELECT	pregnant_client
E `path.InList(1,2)`	01 ⭕ Yes	
	00 ⭕ No	

STATIC TEXT

E `pregnant_client==1`

*You have indicated that <u>**the client is pregnant**</u>, please make sure that this is correct.*

In how many months is the birth due?	NUMERIC: INTEGER	delivery_months
I If the child is due this month, enter 1 month	- .	
E `pregnant_client==1`		
V1 `self.InRange(1,9) || self==-99`	SPECIAL VALUES	
M1 The number of months should range from 1 to 9!	-99 Not sure/Don't know	

Do you plan on having children in the future?	SINGLE-SELECT	more_children
I Please provide a short discussion on delaying pregnancy or healthy spacing of pregnancies.	01 ⭕ Yes	
	02 ⭕ Not sure/Don't know	
E `path.InList(1,2) & pregnant_client==0`	00 ⭕ No	

Do you plan on having children after this pregnancy?	SINGLE-SELECT	more_children_pregnant
I Please provide a short discussion on delaying pregnancy or healthy spacing of pregnancies.	01 ⭕ Yes	
	02 ⭕ Not sure/Don't know	
E `pregnant_client==1`	00 ⭕ No	

STATIC TEXT

E `pregnant_client==1 & more_children_pregnant.InList(1,2)`

Please have a brief discussion with the client about the importance of healthy spacing of pregnancies and the benefits for her health and that of her children.

How many more children would you like to have? In addition to those that you already have.	SINGLE-SELECT	ideal_num_children
	01 ⭕ 1	
E `((IsAnswered(more_children) && more_children.InList(1,2)) || (IsAnswered(more_children_pregnant) && more_children_pregnant.InList(1,2)))`	02 ⭕ 2	
	03 ⭕ 3	
	04 ⭕ 4	
	05 ⭕ 5	
	06 ⭕ 6	
	07 ⭕ 7	
	08 ⭕ 8	
	09 ⭕ 9	
	10 ⭕ 10+	
	-98 ⭕ Not sure/Don't know	

How long would you like to wait before getting pregnant?	SINGLE-SELECT	spacing_info
	01 ⭕ Less than 12 months (1 year)	
E `//wants more children and has answered ideal number (currently pregnant or not) ((pregnant_client==0 && more_children.InList(1,2) && IsAnswered(ideal_num_children)) || (pregnant_client==1 && mor` And 67 other symbols [6]	02 ⭕ 1-3 years	
	03 ⭕ More than 3 years	
	04 ⭕ Don't know/Not sure	

| How many pregnancies have you had? | NUMERIC: INTEGER | number_pregnancies |
| | | |

I Please count ALL pregnancies, including abortions, premature births, etc...

E `patient_status=="New" && (IsAnswered(spacing_info) || more_children.InList(0) || more_children_pregnant.InList(0))`

W1 `self<20`

M1 This seems like a very high value, are you sure it is correct?

V2 `!(self==0 && pregnant_client==1)`

M2 If the client is currently pregnant she must have had at least 1 pregnancy!

V3 `self>=0`

M3 The value cannot be negative!

V4 `self<50`

M4 This value is much too high, please check again!

SPECIAL VALUES

00 None

| VARIABLE | LONG | pregnant_dummy |

`(pregnant_client==1) ? 1 : 0`

How many abortions have you had?

NUMERIC: INTEGER number_abortions

E `IsAnswered(number_pregnancies) && number_pregnancies>0 && !(pregnant_client==1 && number_pregnancies==1)`

W1 `self<20`

M1 This seems like a very high value, are you sure it is correct?

W2 `self<=number_pregnancies`

M2 The number of abortions cannot be higher than the number of pregnancies! Are you sure this value is correct?

V3 `self>=0`

M3 The value cannot be negative!

W4 `self+pregnant_dummy<=number_pregnancies`

M4 This seems like a high value, are you sure it is correct?

V5 `self<50`

M5 This value is much too high, please check again!

SPECIAL VALUES

00 None

How many biological living children do you have?

NUMERIC: INTEGER number_children

E `// has been pregnant & has had 0 or >0 abortions number_pregnancies>0 && IsAnswered(number_abortions) && // pregnancies were not all aborted, !(number_abortions==number_pregnancies && number_aborti` [And 164 other symbols [7]](#)

V1 `self<20`

M1 This value is much too high, are you sure it is correct?

W2 `self<=(number_pregnancies-number_abortions-pregnant_dummy)`

M2 This seems like a high value, are you sure it is correct?

V3 `self>=0`

M3 The value cannot be negative!

V4 `self<50`

M4 This value is much too high, please go back and edit.

SPECIAL VALUES

00 None

Have you ever given a live or still birth?

SINGLE-SELECT birth_ever

I This question refers to any births, live or still, after 28 weeks of pregnancy.

E `(number_children==0 && !(pregnant_client==1))`

01 ◯ Yes
00 ◯ No

Have you given a live or still birth in the last 6 months (after the %date_6m%)?

SINGLE-SELECT birth_ever_last6m

I This question refers to any births, live or still, after 28 weeks of pregnancy.

E `// return full (path.InList(2) && (IsAnswered(spacing_info) || more_children.InList(0) || more_children_pregnant.InList(0))) // return reduced || path.InList(3)`

01 ◯ Yes
00 ◯ No

What was the date of your most recent delivery (live or still)?	DATE	birth_date

age of child: %age_child% years old.
age of mother at birth: %age_at_birth% years old.

....

I If the client gives a range rather than an exact date, enter the most recent date of that interval
E ((number_children>0 || birth_ever==1) && !(pregnant_client==1)) || birth_ever_last6m==1
V1 self<=interview_date
M1 Delivery date should be in past

What was the hour of delivery?	NUMERIC: INTEGER	birth_date_hour

Please enter ONLY the hour of delivery in 24h format

– .

E interview_date.Value.Date>birth_date.Value.AddDays(1) && interview_date.Value.Date<=birth_date.Value.AddDays(2)
V1 self>=0
M1 The answer cannot be negative!
V2 self<24
M2 The answer cannot be greater than 24!

VARIABLE	LONG	age_child

(IsAnswered(birth_date)) ? FullYearsBetween(birth_date,interview_date) : -99

VARIABLE	LONG	hour_delivery

(IsAnswered(birth_date_hour)) ? birth_date_hour : 0

VARIABLE	LONG	age_at_birth

//if we know women's birth date (IsAnswered(woman_birth_date)) ? FullYearsBetween(woman_birth_date,birth_date) :
// if we dont (!IsAnswered(woman_birth_date) && IsAnswered(age_dob_dk)) ? FullYearsBe

And 64 other symbols [6]

Are you currently breastfeeding ?	SINGLE-SELECT	exclusive_breastfeeding

Only ask this question if the client's last birth was a LIVE birth, if the birth was a stillbirth simply select "No" to this question.

01 ◯ Yes, fully or near-fully
02 ◯ Yes, partially
00 ◯ No

E (birth_ever_last6m==1 || birth_ever==1 || number_children>0) && (birth_date.Value.AddMonths(6)>=interview_date)

Have you had a menstrual period since your most recent birth?	SINGLE-SELECT	had_menstrual

01 ◯ Yes
00 ◯ No

I Make sure the client is certain that it was her period and not unexpected bleeding. This means that her regular period has returned and the last bleeding was on time.
E (birth_ever_last6m==1 || birth_ever==1 || number_children>0) && (birth_date.Value.AddMonths(6)>=interview_date) && IsAnswered(exclusive_breastfeeding)

VARIABLE	STRING	day_menstrual

interview_date.Value.Date.AddDays(-7).ToString("dddd, MMMM dd")

Thinking of your most recent menstrual period, did it start sometime within the last 7 days (%day_menstrual%)? I Make sure the client is certain that it was her period and not unexpected bleeding. This means that she has a regular period and the last bleeding was on time. E `// Never gave birth or all pregnancies were aborted (number_pregnancies==0 || (number_pregnancies==number_abortions && IsAnswered(number_abortions) && pregnant_client==0)) // OR had pregnancies and a` [And 627 other symbols [8]](#)	SINGLE-SELECT `last_menstrual` 01 ◯ YES (Within 7 days) 00 ◯ No (More than 7 days)
Have you had sexual relations since your last menstrual bleeding? E `last_menstrual.InList(0)`	SINGLE-SELECT `abstinence` 00 ◯ Yes 01 ◯ No
Have you had sexual relations since your most recent birth? E `// has given birth AND has not had menstrual bleeding since most recent birth ((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && had_menstrual.InList(0)) && // AND birth was less than 6` [And 335 other symbols [9]](#)	SINGLE-SELECT `abstinence2` 00 ◯ Yes 01 ◯ No
Have you been using a reliable contraception method correctly and consistently? E `abstinence==0 || abstinence2==0`	SINGLE-SELECT `use_contraceptive` 01 ◯ Yes 00 ◯ No
Have you had a miscarriage or abortion in last 7 days? E `use_contraceptive == 0`	SINGLE-SELECT `abortion_7_days` 01 ◯ Yes 00 ◯ No
Does the client show symptoms of pregnancy? I Please select "Yes" if you would like to conduct a pregnancy test before continuing with the consultation. E `use_contraceptive.InList(1) || abstinence==1 || abstinence2==1`	SINGLE-SELECT `symptomps_pregnancy` 01 ◯ No - does NOT show signs of pregnancy 00 ◯ Yes - shows signs of pregnancy

STATIC TEXT

E   `abortion_7_days == 0`

PREGNANCY CANNOT BE RULED OUT
It is suggested that you administer a pregnancy test to the client

Pregnancy test conducted? E `symptomps_pregnancy == 0 || abortion_7_days == 0`	SINGLE-SELECT `pregnancy_test` 01 ◯ Yes 00 ◯ No
Pregnancy test result E `pregnancy_test == 1`	SINGLE-SELECT `pregnancy_test_result` 01 ◯ Positive 00 ◯ Negative

STATIC TEXT

E   `pregnancy_test_result == 1`

PREGNANCY TEST POSITIVE: Please have a brief discussion with the client about the importance of healthy spacing of pregnancies and the benefits for her health and that of her children.

Explain to the client that she can have a family planning consultation now and choose a method for post-partum adoption.

Once the consultation is over, please refer the client to the antenatal ward.

STATIC TEXT

E   `pregnancy_test==0`

PREGNANCY TEST NOT CONDUCTED: You should try to conduct a pregnancy test.

If the client does not wish to take a pregnancy test, then please explain to her that she can have a consultation anyways so that she can choose an appropriate method.

She can then come back as soon as she has had her period to adopt the method she chose..

Does the client want a family planning consultation now? E `pregnancy_test_result==1 || pregnancy_test==0`	SINGLE-SELECT `pregnant_consultation` 01 ◯ Yes 00 ◯ No
Please press the button below to record the end date and time of the consultation. E `pregnant_consultation==0`	DATE: CURRENT TIME `interview_end7` ··
Have you provided the client with condoms? If not please provide condoms to the client. E `pregnant_consultation==0`	SINGLE-SELECT `provided_condoms3` 01 ◯ Yes 00 ◯ No

STATIC TEXT

E `pregnant_consultation==0`

The consultation is finished. Please complete and submit the interview.

If relevant, please make an appointment with the client for another visit.

VARIABLE `(pregnant_client==1 || pregnancy_test_result==1)`	BOOLEAN `pregnant`
VARIABLE `//full consultation (((q_version=="Full" && path.InList(1,2)) || //reduced consultation (q_version=="Reduced" && path.InList(3))) && // non pregnant clients ((pregnant==false) && (last_menstru` [And 530 other symbols [7]](#)	BOOLEAN `move_on_fert`
VARIABLE `pregnant_consultation==0`	BOOLEAN `end_in_fert`

STATIC TEXT

CONSULTATION

E `move_on_fert==true && path.InList(1,2)`

Are you <u>currently</u> using a method for family planning?	SINGLE-SELECT	current_method
E `move_on_fert==true && path.InList(1,2) && // dont ask fo r clients who gave birth within one week !(IsAnswered(bi rth_date) && birth_date.Value.AddDays(7)>=interview_date ) && // dont ask if pregnant` [And 17 other symbols [10]](#)	01 ◯ Yes 00 ◯ No	

Which one of the following methods are you using, if any?	SINGLE-SELECT	current_method_list
E `current_method.InList(1)`	01 ◯ IUD 02 ◯ Implant 03 ◯ Pill 04 ◯ Injectable 05 ◯ Male/Female condoms 06 ◯ Lactational amenorrhea method (LAM) 07 ◯ Traditional method or other 00 ◯ None	

Please specify the contraceptive method.	TEXT	other_method_spec
E `current_method_list.InList(7)`	....	

Which implant type was it?	SINGLE-SELECT	implant_type
E `current_method_list.InList(2)`	01 ◯ Implanon / Nexplanon 02 ◯ Jadelle	

When was the %current_method_list% inserted?	DATE	date_insertion_larc
E `current_method_list.InList(1,2)` V1 `self<=interview_date` M1 %current_method_list% insertion date must be in past	....	

VARIABLE	LONG	larc_renewal_due
`// larc not due for renewal (((current_method_list.InLis t(1) && date_insertion_larc.Value.AddMonths(54)>=intervi ew_date) || (current_method_list.InList(2) && implant_ty pe==1 && date_insertion_larc` [And 1120 other symbols [8]](#)		

STATIC TEXT

E `larc_renewal_due==1`

This %current_method_list% is due for renewal!

STATIC TEXT

E `larc_renewal_due==2`

This %current_method_list% is due for renewal soon, on the %larc_renew_date%.

If after your discussion the client decides to keep using the %current_method_list%, please ask her whether she would like whether she would like to renew it today instead of waiting until it is due.

STATIC TEXT

E `larc_renewal_due==0`

This %current_method_list% is <u>NOT</u> due for renewal.

The renewal date is %larc_renew_date%

How long have you been using this method? E `current_method_list.InList(3,4,6)`	SINGLE-SELECT duration_mc 01 ◯ Less than 1 month 02 ◯ 1 - 6 Months 03 ◯ More than 6 months

STATIC TEXT

E `current_method_list.InList(6) && //Gave birth in last 6 months AND fully breastfeeding AND has not menstruated yet ! (((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_d` [And 202 other symbols [46]](#)

The client is NOT eligible for LAM at this time

Please explain to the client that she is not eligible to use LAM at this point and explain to her why.

It's great that you have been using contraception. However, there are more effective methods to prevent unwanted pregnancies which may be even more suitable for you. Is it OK if we discuss some of those methods? E `// uses a traditional method current_method_list.InList(5,7)`	SINGLE-SELECT ok_discuss_method1a 01 ◯ Yes 00 ◯ No
It's great that you have been using LAM. However, there are longer term methods to prevent unwanted pregnancies which may be even more suitable for you. Plus, you can use these methods in addition to LAM, which will provide you with even more protection against unwanted pregnancies. Is it OK if we discuss some of those methods? E `// uses a traditional method current_method_list.InList(6) && IsAnswered(duration_mc) && duration_mc.InList(1,2) && // is eligible for LAM ((birth_ever_last6m==1 || birth_ever==1 || number_children>0` [And 146 other symbols [11]](#)	SINGLE-SELECT ok_discuss_method1bi 01 ◯ Yes 00 ◯ No
It's great that you have been using LAM. However, you have been using LAM for more than 6 months, it is not protecting you against unwanted pregnancies any more. Fortunately, there are very effective and longer term methods to prevent unwanted pregnancies, is it OK if we discuss some of those methods? E `// uses a traditional method current_method_list.InList(6) && IsAnswered(duration_mc) && duration_mc.InList(3) && // is eligible for LAM ((birth_ever_last6m==1 || birth_ever==1 || number_children>0)` [And 144 other symbols [12]](#)	SINGLE-SELECT ok_discuss_method1bii 01 ◯ Yes 00 ◯ No
How would you describe your experience with this method? E `current_method_list.InList(1,2,3,4) && (IsAnswered(date_insertion_larc) || IsAnswered(duration_mc))`	SINGLE-SELECT method_experience 01 ◯ Happy / NO issues (wants to continue method) 02 ◯ Having issues (wants to discuss) 03 ◯ Would like to get pregnant

OK. It's great that you have been using the %current_method_list%. However, there are more effective methods to prevent unwanted pregnancies, which may be even more suitable for you. Is it OK if we discuss some of those methods? E `method_experience.InList(1) && current_method_list.InLis t(3,4)`	SINGLE-SELECT `discuss_non_larc` 01 ◯ Yes 00 ◯ No
What issues are you having with the %current_method_list%? E `method_experience.InList(2) && current_method_list.InLis t(1,2,3,4)`	MULTI-SELECT `issue_method` 01 ☐ Inconvenient (forgot to take pill, facility far to refill) 02 ☐ Side effects (headache, bleeding, acne, weight gain.) 03 ☐ Cost of method 04 ☐ Other (not discrete, ineffective..)
Please describe to me the inconvenient aspect(s) of the %current_method_list%? E `issue_method.ContainsAny(1)`	TEXT `inconvenient` •----------------------------•
Please describe to me the other issue(s) you are having with the %current_method_list%? E `issue_method.ContainsAny(4)`	TEXT `other_issue` •----------------------------•
What are the side effects? E `IsAnswered(issue_method) && issue_method.ContainsAny(2)`	MULTI-SELECT `side_effects` 01 ☐ Headaches (migraines) 02 ☐ Bleeding 03 ☐ Acne 04 ☐ Weight gain 05 ☐ Discomfort 06 ☐ Others
Please Enter the other side effect(s) E `side_effects.ContainsAny(6)`	TEXT `other_side_effect` •----------------------------•

STATIC TEXT

E `method_experience.InList(2) && IsAnswered(current_method_list) && current_method_list.InList(1,2) && IsAnswered(issu e_method) && !issue_method.Contains(2)`

I am sorry that you're having these issues. However, you are using a very effective and convenient method to protect against unwanted pregnancies.

generally, we encourage people like yourself to continue using your current method.

Let us discuss how bothersome these issues are for you, and we may be able to find a solution to your problem(s).

PAUSE and discuss the issues the client is having with her method

STATIC TEXT

E `method_experience.InList(2) && current_method_list.InList(1,2) && date_insertion_larc.Value.AddMonths(6)>interview_d ate && IsAnswered(issue_method) && issue_method.Contains(2)`

I am sorry that you're having these issues. However, you have only recently started using this method. It usually takes some time to get used to a new method and for side effects to subside or stabilize.

Generally, we like to encourage people like yourself to continue using this effective and convenient method to protect against unwanted pregnancies.

Let us discuss how bothersome these issues are for you.

PAUSE and discuss the issues the client is having with her method

You can prescribe to the client:
- One month of pill COC if she has issues with spotting due to the implant,
- NSAIDs for dysmenorrhea,
- NSAIDs for abnormal or heavier bleeding due to the IUD.

STATIC TEXT

E `method_experience.InList(2) && current_method_list.InList(1,2) && date_insertion_larc.Value.AddMonths(6)<=interview_date && IsAnswered(issue_method) && issue_method.Contains(2)`

I am sorry that you're having these issues. However, you are using a very effective and convenient method to protect against unwanted pregnancies.

Generally, we like to encourage people like yourself to continue using your current method.

Let us discuss how bothersome these issues are for you.

PAUSE and discuss the issues the client is having with her method

You can prescribe to the client:
- One month of pill COC if she has issues with spotting due to the implant,
- NSAIDs for dysmenorrhea,
- NSAIDs for abnormal or heavier bleeding due to the IUD.

After discussion, Ask them: Would you like to continue using this method?. If you are still not happy after a few months, you can always come back, and we will switch or discontinue. E `method_experience.InList(2) && current_method_list.InList(1,2) && date_insertion_larc.Value.AddMonths(6)>interview_date && IsAnswered(issue_method)`	SINGLE-SELECT use_see_improve 01 ◯ Yes - willing to continue using method 00 ◯ No - not willing
Would you like to continue using this method? E `method_experience.InList(2) && current_method_list.InList(1,2) && date_insertion_larc.Value.AddMonths(6)<=interview_date && IsAnswered(issue_method)`	SINGLE-SELECT continue_method 01 ◯ Yes 00 ◯ No

VARIABLE
 	
`// 3 years for implanon (IsAnswered(date_insertion_larc) && current_method_list==2 && implant_type==1) ? date_insertion_larc.Value.AddYears(3).ToString("dd-MMM-yyyy") :`
`// 5 years for IUD or jadelle (`
 	
[And 265 other symbols [9]]
	STRING larc_renew_date

Does the client want to renew the %current_method_list% now ? E `// happy and almost due or due (method_experience.InList(1) && larc_renewal_due.InList(1,2)) || // continues and almost due or due (continue_method.InList(1) && larc_renewal_due.InList(1,2))`	SINGLE-SELECT renew_larc 01 ◯ Yes 00 ◯ No
I am sure we may be able to find something better for you. Is it ok if we discuss some other methods? E `(continue_method.InList(0) && method_experience.InList(2)) || (use_see_improve.InList(0) && method_experience.InList(2))`	SINGLE-SELECT ok_discuss_method2 01 ◯ Yes 00 ◯ No

It's great that you have been using LAM. However, it is not protecting you against unwanted pregnancies any more.

Fortunately, there are longer term methods to prevent unwanted pregnancies which may be even more suitable for you.

Is it OK if we discuss some of those methods?

SINGLE-SELECT   ok_discuss_method4

01 ◯ Yes
00 ◯ No

E (current_method_list.InList(6) && //Gave birth in last 6 months AND fully breastfeeding AND has not menstruated yet !(((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth [And 127 other symbols [13]]

STATIC TEXT

E ok_discuss_method2.InList(0) && current_method_list.InList(1,2)

We will now prepare you to remove %current_method_list% as you have now requested.

It's great that you have been using the %current_method_list% and I am sorry to hear that you experienced these issues.

Fortunately, there are more effective methods to prevent unwanted or mistimed pregnancies, which may be more suitable for you.

Is it OK if we discuss some of those methods?

SINGLE-SELECT   ok_discuss_method3

01 ◯ Yes
00 ◯ No

E current_method_list.InList(3,4) && method_experience.InList(2) && IsAnswered(issue_method)

STATIC TEXT

E ok_discuss_method3.InList(0) && duration_mc.InList(1,2) && issue_method.Contains(2)

You have only recently started using this method. It usually takes some time to get used to a new method and for the side effects to subside or stabilize.

Since you did not want to consider any other methods, I would like to encourage you to consider continuing to use this modern method to protect against unwanted pregnancies.

Let us discuss how bothersome the issues you mentioned are.

PAUSE and discuss the issues the client is having with her method, then read the question to the client below.

STATIC TEXT

E // either started using the method a long time ago (ok_discuss_method3.InList(0) && duration_mc.InList(3)) // is not having issues with side-effects || (ok_discuss_method3.InList(0) && duration_mc.I [And 41 other symbols [47]]

I am sorry that you're having these issues. However, you are using a modern method to protect against unwanted or mistimed pregnancies.

Since you did not want to consider any other methods, I would like to encourage you to consider continuing to use your current method. Let us discuss how bothersome the issues you mentioned are.

PAUSE and discuss the issues the client is having with her method, then read the question to the client below.

What would you like to do?

E ok_discuss_method3.InList(0)

SINGLE-SELECT   like_to_do

01 ◯ Continue using the current method despite issues
02 ◯ Discontinue this method, but would like to consider other methods
03 ◯ Discontinue this method and consider no other methods: you understand you may have unwanted pregnancy

Does the client want to renew the %current_method_list% ?	SINGLE-SELECT	renew_sarc
E `like_to_do==1 || discuss_non_larc==0`	01 ◯ Yes 00 ◯ No	

You may have an unwanted pregnancy with your current birth control method. Are you sure you don't want to consider a more effective and convenient method that is suitable for you?	SINGLE-SELECT	probe_discuss
E `// uses a traditional method and does not want to discuss (ok_discuss_method1a.InList(0) || ok_discuss_method1bi.InList(0) || ok_discuss_method1bii.InList(0) || ok_discuss_method4.InList(0))`	01 ◯ Sure - Don't want to consider methods 00 ◯ Not sure	

STATIC TEXT

E `method_experience.InList(3) || like_to_do.InList(3)`

Initiate a discussion about the possible health risks posed by pregnancy based on her health records and circumstances, and the proceed to removal as appropriate (or explain about discontinuing injectables/pills if necessary).

STATIC TEXT

E `probe_discuss==1`

Please answer any questions the client might have. Once the client is satisfied, please complete and submit the interview.

If at any point during your conversation the client decides that she is willing to discuss other methods, please change the answer to the question above to "Not sure".

STATIC TEXT

E `(continue_method.InList(1) || use_see_improve.InList(1) || method_experience.InList(1)) && larc_renewal_due==0`

The %current_method_list% will be due for renewal on the: %larc_renew_date% .

The consultation is finished. Please press the button below to record the end date and time of the consultation.	DATE: CURRENT TIME	interview_end3
E `( // first time client who wants to get pregnant (method_experience.InList(3) || like_to_do.InList(3)) || // first time client who continued a LARC but does not want to renew (renew_larc==0) || // LAR` And 509 other symbols [14]	┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄	

Did you prescribe a cycle of the COC? (price per cycle: %price_coc_pec%)	SINGLE-SELECT	pec_coc
E `// having side effects issues with implant or IUD, not due for renewal current_method_list.InList(1,2) && larc_renewal_due.InList(0,2) && method_experience.InList(2) && issue_method.Contains(2) &` And 79 other symbols [15]	01 ◯ Yes 00 ◯ No	

Have you provided the client with condoms? If not please provide condoms to the client.	SINGLE-SELECT	provided_condoms4
E `( // first time client who wants to get pregnant (method_experience.InList(3) || like_to_do.InList(3)) || // first time client who continued a LARC but does not want to renew (renew_larc==0) || // LAR` And 509 other symbols [16]	01 ◯ Yes 00 ◯ No	

VARIABLE `( // first time client who wants to get pregnant (method_experience.InList(3) || like_to_do.InList(3)) || // first time client who continued a LARC but does not want to renew (renew_larc==0) || // LAR` And 509 other symbols [10]	BOOLEAN	end_in_consultation

Is there a specific method you <u>absolutely</u> want to adopt?	SINGLE-SELECT	method_in_mind

E `// not using anything (current_method.InList(0) || current_method_list.InList(0)) // willing to discuss || (ok_discuss_method1a==1 || ok_discuss_method1bi==1 || ok_discuss_method1bii==1) || ok_discus` [And 245 other symbols [17]](#)

01 ◯ Yes
00 ◯ No

What method do you have in mind?

I WARNING, you can only chose ONE method in this question.
E `method_in_mind.InList(1)`

SINGLE-SELECT method_mind_list

01 ◯ IUD
02 ◯ Implant
03 ◯ Pill
04 ◯ Injectable
06 ◯ LAM
05 ◯ Male condoms
08 ◯ Female condoms
09 ◯ Calendar method
10 ◯ Emergency contraceptive pills
99 ◯ another contraceptive method

Please enter the unlisted method(s)

E `method_mind_list == 99`

TEXT other_method

....

Why are you interested in %method_mind_list%?

I Clarify any myths or misconceptions she may have about the method.
E `method_mind_list.InList(1,2,3,4) || // only ask for lam if eligible (method_mind_list==6 && $IN_LAM)`

MULTI-SELECT reason_method_m

01 ☐ Convenience
02 ☐ Effectiveness
03 ☐ Discreteness
04 ☐ Cost or price
05 ☐ Duration
06 ☐ Non-hormonal
99 ☐ Other

Please enter the unlisted reason(s)

E `reason_method_m.ContainsAny(99)`

TEXT other_reason

....

STATIC TEXT

E `method_mind_list.InList(6) && //Gave birth in last 6 months AND fully breastfeeding and has not menstruated yet (((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date)` [And 199 other symbols [48]](#)

The client is eligible for LAM at this time

STATIC TEXT

E `method_mind_list.InList(6) && //Gave birth in last 6 months AND fully breastfeeding AND has not menstruated yet !(((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date` [And 199 other symbols [49]](#)

The client is NOT eligible for LAM at this time

Please explain to the client that she is not eligible to use LAM at this point and explain to her why.

It's great that you are considering the %method_mind_list%. However, there are more effective methods to prevent unintended pregnancies, which may be even more suitable for you.

To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?

E `method_mind_list.InList(3,4,9,10,99)`

SINGLE-SELECT right_method

01 ◯ Yes
00 ◯ No

It's great that you are considering the %method_mind_list%. However, there are more convenient methods to prevent unintended pregnancies, which may be even more suitable for you. To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?	SINGLE-SELECT	right_method2
	01 ○ Yes 00 ○ No	

E `method_mind_list.InList(7)`

It's great that you are considering condoms. I will talk to you about condoms later when we discuss the importance of dual protection against unwanted pregnancies and HIV/STD infections. However, there are more effective methods to prevent unintended pregnancies, which may be even more suitable for you. To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?	SINGLE-SELECT	right_method3
	01 ○ Yes 00 ○ No	

E `method_mind_list.InList(5,8)`

It's great that you are considering LAM. However, you can only use LAM for a limited period (up to 6 months) and there are various conditions for it to work. There are more effective methods to prevent unintended pregnancies, which may be even more suitable for you. You can also use these other methods as a complement to LAM. To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?	SINGLE-SELECT	right_method4_elig
	01 ○ Yes 00 ○ No	

E `method_mind_list.InList(6) && //Gave birth in last 6 months AND fully breastfeeding AND has not menstruated yet (((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date` [And 199 other symbols [18]](#)

It's great that you were considering LAM. However, as I explained to you, you are currently not eligible to use this method. Fortunately, there are more effective methods to prevent unintended pregnancies, which may be even more suitable for you. To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?	SINGLE-SELECT	right_method4_inelig
	01 ○ Yes 00 ○ No	

E `method_mind_list.InList(6) && //Gave birth in last 6 months AND fully breastfeeding AND has not menstruated yet !(((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_dat` [And 200 other symbols [19]](#)

STATIC TEXT

E `// willing to discuss if not using any probe_discuss==0 || // no method in mind in after ok_discuss_1-2-3 method_in_mind==0 || // non-LARC in mind and willing to listen right_method ==1 || right_me` [And 260 other symbols [50]](#)

Before we find you a suitable method, I will describe some of the possible side effects you may experience, and I will ask you how much each of these will bother you. This will help us find a method which better suits you and your preferences.

Some women experience changes in their menstrual period after adopting a contraceptive method.

Other than in rare occasions, these changes are normal and are not a sign that the method is harmful to your health.

None of the methods we will discuss affect your ability to conceive in the future. You can always stop using the method and start trying to get pregnant right away.

Please read out the answer choices for EACH one of the questions below

---

Some methods can cause increased menstrual bleeding and cramping, though this effect subsides for most women after the first three months. How much will it bother you if you experience increased cramping or bleeding during the first three months?	SINGLE-SELECT increased_bleeding 01 ◯ NOT at all 02 ◯ A little bit 03 ◯ A lot

I Please read out the answer choices to the client
E // willing to discuss if not using any probe_discuss==0 || // no method in mind in after ok_discuss_1-2-3 method _in_mind==0 || // non-LARC in mind and willing to listen right_method ==1 || right_me And 260 other symbols [20]

Some methods cause decreased menstrual bleeding over time with some women eventually not having a period at all. Some methods can cause spotting. Absence of bleeding is definitely NOT harmful to your health. Nor is spotting. In fact, some women consider absence of bleeding to be convenient and it is an added health benefit. How much will it bother you if you experience spotting or amenorrhea?	SINGLE-SELECT decreased_bleeding 01 ◯ NOT at all 02 ◯ A little bit 03 ◯ A lot

I Please read out the answer choices to the client
E increased_bleeding.InList(1,2,3)

A majority of women do not experience any weight gain using the methods we will discuss. However, a minority of women can experience significant weight gain with some of the methods. If this happens to you, we can help you manage this issue. How much will it bother you if you experience significant weight gain?	SINGLE-SELECT weight_gain 01 ◯ NOT at all 02 ◯ A little bit 03 ◯ A lot

I Please read out the answer choices to the client
E decreased_bleeding.InList(1,2,3)

VARIABLE // FULL (q_version=="Full" && (// happy and almost due or due (method_experience.InList(1) && larc_renewal_due. InList(1,2) && renew_larc==1) // or willing to continue and (almost due or due) || (co And 475 other symbols [11]	BOOLEAN move_on_to_med

STATIC TEXT

CONSULTATION - RETURN

E `//jump in straight if discuss version q_version=="Discuss" && path.InList(4)`

STATIC TEXT

E `patient_status=="Return" && q_version=="Discuss" && (what_to_do_xx==2 || what_to_do_xy==2 || what_to_do_lam.InList(2 ,6))`

According to the card, the client is currently using the %discuss_method%, and would like to discuss their experience.

Please confirm and record their current method that they are using and would like to discuss before moving on with the consultation.

STATIC TEXT

E `patient_status=="Return" && q_version=="Discuss" && (what_to_do_xx==1 || what_to_do_xy==1 || what_to_do_lam==1)`

According to the card, the client is currently using the %discuss_method%.

Please confirm and record their current method below before moving on with the consultation.

Which one of the following methods are you using, if any? E `patient_status=="Return" && q_version=="Discuss" && ( what_to_do_xx.InList(1,2) || what_to_do_xy.InList(1,2) || what_to_do_lam.InList(1,2,6))`	SINGLE-SELECT current_method_list_r 01 ◯ IUD 02 ◯ Implant 03 ◯ Pill 04 ◯ Injectable 05 ◯ Male/Female condoms 06 ◯ Lactational amenorrhea method (LAM) 07 ◯ Traditional method or other 00 ◯ Doing nothing
Please specify the contraceptive method. E `current_method_list_r.InList(7)`	TEXT other_method_spec_r ....
Which implant type was it? E `current_method_list_r.InList(2)`	SINGLE-SELECT implant_type_r 01 ◯ Implanon / Nexplanon 02 ◯ Jadelle
When was %current_method_list_r% inserted? E `current_method_list_r.InList(1,2)` V1 `self<=interview_date` M1 `%current_method_list_r% insertion date must be in past`	DATE date_insertion_larc_r ....
VARIABLE `// larc not due for renewal (((current_method_list_r.InList(1) && date_insertion_larc_r.Value.AddMonths(54)>=interview_date) || (current_method_list_r.InList(2) && implant_type_r==1 && date_insert` And 1174 other symbols [12]	LONG larc_renewal_due_r

---

STATIC TEXT

E `larc_renewal_due_r==1`

This %current_method_list_r% is due for renewal!

STATIC TEXT

E `larc_renewal_due_r==2`

This %current_method_list_r% is due for renewal soon, on the %larc_renew_date_r%.

If after your discussion the client decides to keep using the %current_method_list_r%, please ask her whether she would like whether she would like to renew it today instead of waiting until it is due.

STATIC TEXT

E `larc_renewal_due_r==0`

This %current_method_list_r% is NOT due for renewal.

The renewal date is %larc_renew_date_r%

It's great that you have been using contraception. However, there are more effective methods to prevent unwanted pregnancies which may be even more suitable for you. Is it OK if we discuss some of those methods? E `// uses a traditional method current_method_list_r.InLis t(5,7)`	SINGLE-SELECT ok_discuss_method1a_r 01 ◯ Yes 00 ◯ No
How long have you been using this contraceptive method? E `current_method_list_r.InList(3,4,6)`	SINGLE-SELECT duration_mc_r 01 ◯ Less than 1 month 02 ◯ 1 - 6 Months 03 ◯ More than 6 months

STATIC TEXT

E `current_method_list_r.InList(6) && duration_mc_r.InList(3) && what_to_do_lam.InList(1)`

You have been using LAM for more than 6 months, LAM does not protect against unwanted pregnancies after 6 months! You should consider adopting another contraceptive method.

VARIABLE `(current_method_list_r.InList(6)) ? 3 : 99`	LONG cost_of_lam
What issues are you having with the %current_method_list_r%? F `@optioncode!=cost_of_lam` E `// LARC or SARC (current_method_list_r.InList(1,2,3,4) & & (IsAnswered(duration_mc_r) || IsAnswered(date_insertio n_larc_r))) // lAM || (current_method_list_r.InList(6) & & IsAnswered(duration_mc` And 4 other symbols [21]	MULTI-SELECT issue_method_r 01 ☐ Inconvenient (forgot to take pill, facility far to refill) 02 ☐ Side effects (headache, bleeding, acne, weight gain.) 03 ☐ Cost of method 04 ☐ Other (not discrete, ineffective..)
Please describe to me the inconvenient aspect(s) of the %current_method_list_r%? E `issue_method_r.ContainsAny(1)`	TEXT inconvenient_r ---
Please describe to me the other issue(s) you are having with the %current_method_list_r%? E `issue_method_r.ContainsAny(4)`	TEXT other_issue_r ---
What are the side effects? E `IsAnswered(issue_method_r) && issue_method_r.ContainsAny (2)`	MULTI-SELECT side_effects_r 01 ☐ Headaches (migraines) 02 ☐ Bleeding 03 ☐ Acne 04 ☐ Weight gain 05 ☐ Discomfort 06 ☐ Others
Please Enter the other side effect(s) E `side_effects_r.ContainsAny(6)`	TEXT other_side_effect_r ---

STATIC TEXT

E `IsAnswered(current_method_list_r) && current_method_list_r.InList(1,2) && IsAnswered(issue_method_r) && !issue_metho d_r.Contains(2)`

I am sorry that you're having these issues. However, you are using a very effective and convenient method to protect

against unwanted pregnancies.

Generally, we encourage people like yourself to continue using your current method.

Let us discuss how bothersome these issues are for you, and we may be able to find a solution to your problem(s).

PAUSE and discuss the issues the client is having with her method

---

STATIC TEXT

E `current_method_list_r.InList(1,2) && date_insertion_larc_r.Value.AddMonths(6)>interview_date && IsAnswered(issue_method_r) && issue_method_r.Contains(2)`

I am sorry that you're having these issues. However, you have only recently started using this method. It usually takes some time to get used to a new method and for side effects to subside or stabilize.

Generally, we like to encourage people like yourself to continue using this effective and convenient method to protect against unwanted pregnancies.

Let us discuss how bothersome these issues are for you.

PAUSE and discuss the issues the client is having with her method

You can prescribe to the client:
- One month of pill COC if she has issues with spotting due to the implant,
- NSAIDs for dysmenorrhea,
- NSAIDs for abnormal or heavier bleeding due to the IUD.

STATIC TEXT

E `current_method_list_r.InList(1,2) && date_insertion_larc_r.Value.AddMonths(6)<=interview_date && IsAnswered(issue_method_r) && issue_method_r.Contains(2)`

I am sorry that you're having these issues. However, you are using a very effective and convenient method to protect against unwanted pregnancies.

Generally, we like to encourage people like yourself to continue using your current method.

Let us discuss how bothersome these issues are for you.

PAUSE and discuss the issues the client is having with her method

You can prescribe to the client:
- One month of pill COC if she has issues with spotting due to the implant,
- NSAIDs for dysmenorrhea,
- NSAIDs for abnormal or heavier bleeding due to the IUD.

After discussion, Ask them: Would you like to continue using this method?. If you are still not happy after a few months, you can always come back, and we will switch or discontinue. E `current_method_list_r.InList(1,2) && date_insertion_larc_r.Value.AddMonths(6)>interview_date && IsAnswered(issue_method_r)`	SINGLE-SELECT use_see_improve_r 01 ◯ Yes - willing to continue using method 00 ◯ No - not willing
Would you like to continue using this method? E `current_method_list_r.InList(1,2) && date_insertion_larc_r.Value.AddMonths(6)<=interview_date && IsAnswered(issue_method_r)`	SINGLE-SELECT continue_method_r 01 ◯ Yes 00 ◯ No
VARIABLE `// 3 years for implanon (IsAnswered(date_insertion_larc_r) && current_method_list_r==2 && implant_type_r==1) ? date_insertion_larc_r.Value.AddYears(3).ToString("dd-MMM-yyyy") : // 5 years for IUD or j` And 285 other symbols [13]	STRING larc_renew_date_r

Does the client want to renew the %current_method_list_r% now ? E // continues and almost due or due (continue_method_r.In List(1) && larc_renewal_due_r.InList(1,2))	SINGLE-SELECT 01 ◯ Yes 00 ◯ No	renew_larc_r
Ok,I am sure we may be able to find something better for you. Is it ok if we discuss some other methods? E (continue_method_r.InList(0) || use_see_improve_r.InList (0))	SINGLE-SELECT 01 ◯ Yes 00 ◯ No	ok_discuss_method2_r

STATIC TEXT

E ok_discuss_method2_r.InList(0)

We will now prepare you to remove %current_method_list_r% as you have now requested.

STATIC TEXT

E current_method_list_r.InList(3,4) && duration_mc_r.InList(1,2) && issue_method_r.Contains(2)

You have only recently started using this method. It usually takes some time to get used to a new method and for the side effects to subside or stabilize.

Unless you would like to consider other methods, I would encourage you to continue to using your current method.

Let us discuss how bothersome the issues you mentioned are.

PAUSE and discuss the issues the client is having with her method, then read the question to the client below.

STATIC TEXT

E current_method_list_r.InList(3,4) && // either started using the method a long time ago ((duration_mc_r.InList(3) && IsAnswered(issue_method_r)) // OR is not having issues with side-effects \|\| (dur <u>And 86 other symbols [51]</u>

I am sorry that you're having these issues. However, you are using a modern method to protect against unwanted or mistimed pregnancies.

Unless you would like to consider other methods, I would encourage you to continue to using your current method.

Let us discuss how bothersome the issues you mentioned are.

PAUSE and discuss the issues the client is having with her method, then read the question to the client below.

STATIC TEXT

E // wants to talk about LAM and has been using under 6 months current_method_list_r.InList(6) && IsAnswered(issue_method_r) && duration_mc_r.InList(1,2) // AND is NOT using a method currently based on <u>And 111 other symbols [52]</u>

I am sorry that you're having these issues. Fortunately, there are many other methods to prevent against unwanted pregnancies. Unlike LAM, you will be able to use these methods for as long as you want. You can also use these methods in addition to LAM, which will provide you with even more protection.

Remember that LAM only works for up to 6 months after giving birth. At some point you will need to switch to another method to protect against unwanted pregnancies, possibly quite soon. So, I suggest that you consider adopting another method today.

STATIC TEXT

E // had been using lam for under 6 months current_method_list_r.InList(6) && IsAnswered(issue_method_r) && duration_m c_r.InList(1,2) // AND is using a method base4d on the cards && (IsAnswered(adopted <u>And 57 other symbols [53]</u>

I am sorry that you're having these issues. Fortunately, you are already using a modern method to protect against unwanted or mistimed pregnancies.

Unless you would like to consider other methods, I would encourage you to continue to using your current method.

STATIC TEXT

E // using LAM for more than 6 months current_method_list_r.InList(6) && duration_mc_r.InList(3) && IsAnswered(issue_m ethod_r) // and is not using a method but had chosen one && !(IsAnswered(adopted_ret <u>And 53 other symbols [54]</u>

I am sorry that you're having these issues, but <u style="color:red">you have been using LAM for more than 6 months,</u> LAM does not protect against unwanted pregnancies after 6 months past the date of birth of the child.

Fortunately, there are many other methods to prevent against unwanted pregnancies. Unlike LAM, you will be able to use these methods for as long as you want.

So, I suggest that you consider adopting another method today.

STATIC TEXT

E `// used LAM for more than 6 months current_method_list_r.InList(6) && duration_mc_r.InList(3) && IsAnswered(issue_method_r) // AND using a method && (IsAnswered(adopted_return_method) && adopted_retur` [And 25 other symbols [55]](#)

I am sorry that you're having these issues, but *you have been using LAM for more than 6 months,* *LAM does not protect against unwanted pregnancies after 6 months past the date of birth of the child.*

Fortunately, you are already using a modern method to protect against unwanted or mistimed pregnancies.

Unless you would like to consider other methods, I would encourage you to continuing to use your current method.

In your last consultation you had chosen the %chosen_return_method%, would you like to adopt this method today? E `current_method_list_r.InList(6) && IsAnswered(issue_method_r) && duration_mc_r.InList(1,2,3) && // LAM if LAM and chosen none ((lam_return_method==1 && chosen_return_method.InList(1,2,3,4) && adopted` [And 178 other symbols [22]](#)	SINGLE-SELECT lam_adopt_chosen 01 ◯ Yes 00 ◯ No
Does the client want to renew the %adopted_return_method%? E `current_method_list_r.InList(6) && IsAnswered(issue_method_r) && duration_mc_r.InList(1,2,3) && // X X ((chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4) && adopted_` [And 230 other symbols [23]](#)	SINGLE-SELECT lam_renew_method 01 ◯ Yes 00 ◯ No
Would the client like to consider other methods? E `current_method_list_r.InList(6) && duration_mc_r.InList(1,2,3) && // LAM and XY but doesn't want to adopt X nor renew Y ((chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4` [And 295 other symbols [24]](#)	SINGLE-SELECT ok_discuss_method1biii_r 01 ◯ Yes 00 ◯ No
Is it OK if we discuss some of those other methods? E `current_method_list_r.InList(6) && IsAnswered(issue_method_r) && duration_mc_r.InList(1,2,3) && // LAM if LAM and chosen none ((lam_return_method==1 && chosen_return_method==0) || // LAM and chose` [And 129 other symbols [25]](#)	SINGLE-SELECT ok_discuss_method1bi_r 01 ◯ Yes 00 ◯ No

STATIC TEXT

E `current_method_list_r.InList(6) && // OR is not having issues with side-effects duration_mc_r.InList(1,2) && IsAnswered(issue_method_r) && ok_discuss_method1bi_r.InList(0)`

You are using a modern method to protect against unwanted or mistimed pregnancies, so if you don't want to consider other methods I would encourage you to continue using LAM at least until it no longer protects you against unwanted pregnancies.

Let us discuss how bothersome the issues you mentioned are for you.

PAUSE and discuss the issues the client is having with her method, then read the question to the client below.

VARIABLE `!(current_method_list_r.InList(6) && duration_mc_r.InList(1,2) && ok_discuss_method1bi_r.InList(0) && lam_adopt_chosen==0) ? 4 : 0`	LONG exclude_lam_whatodo

What would you like to do?	SINGLE-SELECT like_to_do_r

F @optioncode!=exclude_lam_whatodo
E // SARC users (current_method_list_r.InList(3,4) && IsAnswered(issue_method_r)) || // or LAM users that are still eligible (current_method_list_r.InList(6) && duration_mc_r.InList(1,2) && ok_discuss And 24 other symbols [26]

01 ◯ Continue using the current method despite issues
02 ◯ Discontinue this method, but would like to consider other methods
04 ◯ Continue using LAM, but also consider other methods
03 ◯ Discontinue this method and consider no other methods: you understand you may have unwanted pregnancy

---

Does the client want to renew the %current_method_list_r% ?

E like_to_do_r==1 && current_method_list_r.InList(3,4)

SINGLE-SELECT   renew_sarc_r

01 ◯ Yes
00 ◯ No

You may have an unwanted pregnancy with your current birth control method. Are you sure you don't want to consider a more effective and convenient method that is suitable for you?

E // uses a traditional method and does not want to discuss ok_discuss_method1a_r.InList(0) || // lam cases with more than 6 months (duration_mc_r==3 && (ok_discuss_method1bi_r==0 || ok_discuss_method And 14 other symbols [27]

SINGLE-SELECT   probe_discuss_r

01 ◯ Sure - Don't want to consider methods
00 ◯ Not sure

STATIC TEXT

E like_to_do_r.InList(3)

Initiate a discussion about the possible health risks posed by pregnancy based on her health records and circumstances, and the proceed to removal as appropriate (or explain about discontinuing injectables/pills if necessary).

STATIC TEXT

E (continue_method_r.InList(1) || use_see_improve_r.InList(1)) && larc_renewal_due_r==0

The %current_method_list_r% will be due for renewal on the: %larc_renew_date_r% .

STATIC TEXT

E view_text==true

Ask about removal: %removal_ask%

The consultation is finished.

Please press the button below to record the end date and time of the consultation.

E patient_status=="Return" && (// discontinue and dont consider other methods (like_to_do_r.InList(3)) || // first time client who continued a LARC but not due for renewal renew_larc_r==0 || // LARC n And 1218 other symbols [28]

DATE: CURRENT TIME   interview_end8

Did you prescribe a cycle of the COC? (price per cycle: %price_coc_pec%)

E // having side effects issues with implant or IUD, not due for renewal current_method_list_r.InList(1,2) && larc_renewal_due_r.InList(0,2) && issue_method_r.Contains(2) && IsAnswered(side_effects_ And 59 other symbols [29]

SINGLE-SELECT   pec_coc2

01 ◯ Yes
00 ◯ No

Have you provided the client with condoms? If not please provide condoms to the client.

E patient_status=="Return" && (// discontinue and dont consider other methods (like_to_do_r.InList(3)) || // first time client who continued a LARC but not due for renewal renew_larc_r==0 || // LARC n And 1218 other symbols [30]

SINGLE-SELECT   provided_condoms5

01 ◯ Yes
00 ◯ No

VARIABLE	BOOLEAN	end_in_consultation2

```
patient_status=="Return" && ( // first time client who w
ants to get pregnant (like_to_do_r.InList(3)) || // firs
t time client who continued a LARC but not due for renew
al renew_larc_r==0 || // LARC no
```

And 784 other symbols [14]

Is there a specific method you <u>absolutely</u> want to adopt?	SINGLE-SELECT	method_in_mind_r

01 ◯ Yes
00 ◯ No

E // not using anything (current_method_list_r.InList(0)) // willing to discuss || ok_discuss_method1a_r==1 || ok_discuss_method2_r==1 || ok_discuss_method1bi_r==1 || ok_discuss_method1biii_r==1 // wa And 182 other symbols [31]

What method do you have in mind?	SINGLE-SELECT	method_mind_list_r

I WARNING, you can only chose ONE method in this question.
E method_in_mind_r.InList(1)

01 ◯ IUD
02 ◯ Implant
03 ◯ Pill
04 ◯ Injectable
06 ◯ LAM
05 ◯ Male condoms
08 ◯ Female condoms
09 ◯ Calendar method
10 ◯ Emergency contraceptive pills
99 ◯ another contraceptive method

Please enter the unlisted method(s)	TEXT	other_method_r

E method_mind_list_r == 99

Why are you interested in %method_mind_list_r%?	MULTI-SELECT	reason_method_m_r

I Clarify any myths or misconceptions she may have about the method.
E method_mind_list_r.InList(1,2,3,4,6,7)

01 ☐ Convenience
02 ☐ Effectiveness
03 ☐ Discreteness
04 ☐ Cost or price
05 ☐ Duration
06 ☐ Non-hormonal
99 ☐ Other

Please enter the unlisted reason(s)	TEXT	other_reason_r

E reason_method_m_r.ContainsAny(99)

It's great that you are considering the %method_mind_list_r%. However, there are more effective methods to prevent unintended pregnancies, which may be even more suitable for you.	SINGLE-SELECT	right_method_r

01 ◯ Yes
00 ◯ No

To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?

E method_mind_list_r.InList(3,4,9,10,99)

It's great that you are considering the %method_mind_list_r%. However, there are more convenient methods to prevent unintended pregnancies, which may be even more suitable for you. To help you choose the best method for you, is it alright if I ask you a few questions about your preferences? E method_mind_list_r.InList(7)	SINGLE-SELECT 01 ◯ Yes 00 ◯ No	right_method2_r
It's great that you are considering condoms. I will talk to you about condoms later when we discuss the importance of dual protection against unwanted pregnancies and HIV/STD infections. However, there are more effective methods to prevent unintended pregnancies, which may be even more suitable for you. To help you choose the best method for you, is it alright if I ask you a few questions about your preferences? E method_mind_list_r.InList(5,8)	SINGLE-SELECT 01 ◯ Yes 00 ◯ No	right_method3_r
It's great that you are considering LAM. However, you can only use LAM for a limited period (up to 6 months after giving birth) and there are various conditions for it to work. There are more effective methods to prevent unintended pregnancies, which may be even more suitable for you. To help you choose the best method for you, can I ask you a few questions about your preferences? If you still want to adopt LAM, we will need to make sure you are eligible for it. E method_mind_list_r.InList(6)	SINGLE-SELECT 01 ◯ Yes 00 ◯ No	right_method4_r

STATIC TEXT

E // willing to discuss if not using any probe_discuss_r==0 || // no method in mind in after ok_discuss_1-2-3 method_in_mind_r==0 || // non-LARC in mind and willing to listen right_method_r ==1 || ri And 65 other symbols [56]

Before we find you a suitable method, I will describe some of the possible side effects you may experience, and I will ask you how much each of these will bother you. This will help us find a method which better suits you and your preferences.

Some women experience changes in their menstrual period after adopting a contraceptive method.

Other than in rare occasions, these changes are normal and are not a sign that the method is harmful to your health.

None of the methods we will discuss affect your ability to conceive in the future. You can always stop using the method and start trying to get pregnant right away.

Please read out the answer choices for EACH one of the questions below

Some methods can cause increased menstrual bleeding and cramping, though this effect subsides for most women after the first three months.

How much will it bother you if you experience increased cramping or bleeding during the first three months?

I Please read out the answer choices to the client

E // willing to discuss if not using any probe_discuss_r== 0 || // no method in mind in after ok_discuss_1-2-3 method_in_mind_r==0 || // non-LARC in mind and willing to listen right_method_r ==1 || ri And 66 other symbols [32]

SINGLE-SELECT   increased_bleeding_r

01 ◯ NOT at all
02 ◯ A little bit
03 ◯ A lot

Some methods cause decreased menstrual bleeding over time with some women eventually not having a period at all. Some methods can cause spotting.

Absence of bleeding is definitely NOT harmful to your health. Nor is spotting. In fact, some women consider absence of bleeding to be convenient and it is an added health benefit.

How much will it bother you if you experience spotting or amenorrhea?

I Please read out the answer choices to the client

E increased_bleeding_r.InList(1,2,3)

SINGLE-SELECT   decreased_bleeding_r

01 ◯ NOT at all
02 ◯ A little bit
03 ◯ A lot

A majority of women do not experience any weight gain using the methods we will discuss. However, a minority of women can experience significant weight gain with some of the methods. If this happens to you, we can help you manage this issue.

How much will it bother you if you experience significant weight gain?

I Please read out the answer choices to the client

E decreased_bleeding_r.InList(1,2,3)

SINGLE-SELECT   weight_gain_r

01 ◯ NOT at all
02 ◯ A little bit
03 ◯ A lot

VARIABLE

// only for discuss version q_version=="Discuss" && (// Happy and LARC due for renewal (renew_larc_r==1 && larc_renewal_due_r==1) // happy or continue and wants to renew now since almost due for rene

And 572 other symbols [15]

BOOLEAN   move_on_med_discuss

STATIC TEXT

FERTILITY AND BIRTHS - RETURN

E   `move_on_med_discuss==true`

Is the client currently <u>knowingly</u> pregnant?	SINGLE-SELECT	`pregnant_client2`
E `move_on_med_discuss==true`	01 ◯ Yes 00 ◯ No	

STATIC TEXT

E   `pregnant_client2==1`

*You have indicated that <u>**the client is pregnant**</u>, please make sure that this is correct.*

In how many months is the birth due?	NUMERIC: INTEGER	`delivery_months2`
I If the child is due this month, enter 1 month. E `pregnant_client2==1` V1 `self.InRange(1,9) || self==-99` M1 The number of months should range from 1 to 9!	- SPECIAL VALUES -99 Not sure/Don't know	

Do you plan on having children in the future?	SINGLE-SELECT	`more_children2`
I Please provide a short discussion on delaying pregnancy or healthy spacing of pregnancies. E `move_on_med_discuss==true & pregnant_client2==0`	01 ◯ Yes 02 ◯ Not sure, Don't know 00 ◯ No	

Do you plan on having children after this pregnancy?	SINGLE-SELECT	`more_children_pregnant2`
I Please provide a short discussion on delaying pregnancy or healthy spacing of pregnancies. E `pregnant_client2==1`	01 ◯ Yes 02 ◯ Not sure/Don't know 00 ◯ No	

STATIC TEXT

E   `pregnant_client2==1 && more_children_pregnant2.InList(1,2)`

Please have a brief discussion with the client about the importance of healthy spacing of pregnancies and the benefits for her health and that of her children.

How many more children would you like to have?	SINGLE-SELECT	`ideal_num_children2`
E `((pregnant_client2==0 && IsAnswered(more_children2) && more_children2.InList(1,2)) || (pregnant_client2==1 && IsAnswered(more_children_pregnant2) && more_children_pregnant2.InList(1,2)))`	01 ◯ 1 02 ◯ 2 03 ◯ 3 04 ◯ 4 05 ◯ 5 06 ◯ 6 07 ◯ 7 08 ◯ 8 09 ◯ 9 10 ◯ 10+ -98 ◯ Not sure/Don't know	

How long would you like to wait before getting pregnant?	SINGLE-SELECT	`spacing_info2`
E `//wants more children and has answered ideal number (currently pregnant or not) ((pregnant_client2==0 && more_children2.InList(1,2) && IsAnswered(ideal_num_children2)) || (pregnant_client2==1 &&` [And 73 other symbols [33]](#)	01 ◯ Less than 12 months (1 year) 02 ◯ Within 1-3 years 03 ◯ More than 3 years 04 ◯ Don't know/Not sure	

Have you given a live or still birth in the last 6 months (after the %date_6m%)?	SINGLE-SELECT	birth_ever_last6m2
	01 ◯ Yes	
	00 ◯ No	
I This question refers to any births, live or still, after 28 weeks of pregnancy.		
E // only for discuss version ((q_version=="Discuss" && (IsAnswered(spacing_info2) || more_children2==0)) // reduced go straight to this? || (path==3)) // don't ask for pregnant people && pregnant_clie And 6 other symbols [34]		

What was the date of your most recent delivery (live or still)?	DATE	birth_date2
	....	
I If the client gives a range rather than an exact date, enter the most recent date of that interval		
E birth_ever_last6m2==1		
V1 self<=interview_date		
M1 Delivery date should be in past		

What was the hour of delivery?	NUMERIC: INTEGER	birth_date_hour2
Please enter ONLY the hour of delivery in 24h format	– –	
E interview_date.Value.Date>birth_date2.Value.AddDays(1) && interview_date.Value.Date<=birth_date2.Value.AddDays(2)		
V1 self>=0		
M1 The answer cannot be negative!		
V2 self<24		
M2 The answer cannot be greater than 24!		

VARIABLE	LONG	hour_delivery2
(IsAnswered(birth_date_hour2)) ? birth_date_hour2 : 0		

Are you currently breastfeeding ?	SINGLE-SELECT	exclusive_breastfeeding2
Only ask this question if the client's last birth was a LIVE birth, if the birth was a stillbirth simply select "No" to this question.	01 ◯ Yes, fully or near-fully	
	02 ◯ Yes, partially	
	00 ◯ No	
E birth_ever_last6m2==1 && birth_date2.Value.AddMonths(6)>=interview_date		

Have you had a menstrual period since your most recent birth?	SINGLE-SELECT	had_menstrual2
	01 ◯ Yes	
	00 ◯ No	
E birth_ever_last6m2==1 && (birth_date2.Value.AddMonths(6)>=interview_date) && IsAnswered(exclusive_breastfeeding2)		

VARIABLE	STRING	day_menstrual_r
interview_date.Value.Date.AddDays(-7).ToString("dddd, MMMM dd")		

Thinking of your most recent menstrual period, did it start sometime within the last 7 days (%day_menstrual_r%)?	SINGLE-SELECT	last_menstrual2
	01 ◯ YES (Within 7 days)	
	00 ◯ No (More than 7 days)	
I Make sure the client is certain that it was her period and not unexpected bleeding. This means that she has a regular period and the last bleeding was on time.		
E // OR gave birth more than 6 months ago birth_ever_last6m2==0 // OR MISTAKEN ABOUT DATE AND GAVE BIRTH MORE THAN 6 months ago || (birth_ever_last6m2==1 && birth_date2.Value.AddMonths(6)<interview_da And 225 other symbols [35]		

Have you had sexual relations since your last menstrual bleeding?	SINGLE-SELECT	abstinence22
	00 ◯ Yes	
	01 ◯ No	
E last_menstrual2.InList(0)		

Have you had sexual relations since your most recent birth?	SINGLE-SELECT	abstinence222

00 ◯ Yes
01 ◯ No

E `// has given birth AND has not had menstrual bleeding since most recent birth birth_ever_last6m2==1 && had_menstrual2.InList(0) && // AND birth was less than 6 months ago & not fully breastfeeding (` [And 300 other symbols [36]](#)

Have you been using a reliable contraception method correctly and consistently?	SINGLE-SELECT	use_contraceptive2

01 ◯ Yes
00 ◯ No

E `abstinence22==0 || abstinence222==0`

Have you had a miscarriage or abortion in last 7 days?	SINGLE-SELECT	abortion_7_days2

01 ◯ Yes
00 ◯ No

E `use_contraceptive2 == 0`

STATIC TEXT

E `abortion_7_days2 == 0`

PREGNANCY CANNOT BE RULED OUT
It is suggested that you administer a pregnancy test to the client

---

Is client free of symptoms of pregnancy?	SINGLE-SELECT	symptomps_pregnancy2

01 ◯ Yes
00 ◯ No

I Please select "No" if you would like to conduct a pregnancy test before continuing with the consultation.
E `use_contraceptive2.InList(1) || abstinence22==1 || abstinence222==1`

Pregnancy test conducted?	SINGLE-SELECT	pregnancy_test2

01 ◯ Yes
00 ◯ No

E `symptomps_pregnancy2==0 || abortion_7_days2==0`

Pregnancy test result	SINGLE-SELECT	pregnancy_test_result2

01 ◯ Positive
00 ◯ Negative

E `pregnancy_test2 == 1`

STATIC TEXT

E `pregnancy_test_result2 == 1`

PREGNANCY TEST POSITIVE: Please have a brief discussion with the client about the importance of healthy spacing of pregnancies and the benefits for her health and that of her children.

Explain to the client that she can have a family planning consultation now and choose a method for post-partum adoption.

Once the consultation is over, please refer the client to the antenatal ward.

STATIC TEXT

E `pregnancy_test2==0`

PREGNANCY TEST NOT CONDUCTED: You should try to conduct a pregnancy test.

If the client does not wish to take a pregnancy test, then please explain to her that she can have a consultation anyways so that she can choose an appropriate method.

She can then come back as soon as she has had her period to adopt the method she chose..

Does the client want a family planning consultation now?	SINGLE-SELECT	pregnant_consultation2

01 ◯ Yes
00 ◯ No

E `pregnancy_test_result2==1 || pregnancy_test2==0`

Please press the button below to record the end date and time of the consultation. If relevant, please make an appointment with the client for another visit. E pregnant_consultation2==0	DATE: CURRENT TIME interview_end4 ···
Have you provided the client with condoms? If not please provide condoms to the client. E pregnant_consultation2==0	SINGLE-SELECT provided_condoms6 01 ◯ Yes 00 ◯ No
VARIABLE path.InList(4) && (((last_menstrual2==1 || symptomps_pr egnancy2==1 || abortion_7_days2==1 || (pregnancy_test2== 0 && pregnant_consultation2==1) || pregnancy_test_result 2==0 || ((birth_e And 260 other symbols [16]	BOOLEAN move_on_fert_discuss
VARIABLE pregnant_consultation2==0	BOOLEAN end_in_fert2
VARIABLE (pregnant_client2==1 || pregnancy_test_result2==1)	BOOLEAN pregnant2

STATIC TEXT

MEDICAL EXAM

E // (pregnant==false || pregnant2==false) && // reduced conversation went through fertility ((move_on_fert==true && p ath.InList(3)) // full consultation went through consultation || (move_on_to_med==t And 155 other symbols [40]

STATIC TEXT

That's great, before we continue I must ask you a few questions regarding your medical history to make sure that any method you chose to adopt will be suitable for you.

Medical history:	MULTI-SELECT medical_history
I Please ask the client about each one of the items below. V1 !(self.Contains(0) && self.ContainsAny(1,2,3,4,5,6,7,8,9,10,11)) M1 You cannot select "None" and other options at the same time!	01 ☐ Hypertension 02 ☐ Tuberculosis 03 ☐ Diabetes 04 ☐ Jaundice 05 ☐ Sickle cell disease (Drepanocytose) 06 ☐ Epilsepsy 07 ☐ STI 08 ☐ Smoking 09 ☐ Ectopic pregnancy 10 ☐ Cesarian 11 ☐ Varicose veins 00 ☐ None of the above
Are you taking any of the following drugs?	MULTI-SELECT taking_drugs
I Please answer this question to continue V1 !(self.Contains(4) && self.ContainsAny(1,2,3)) M1 You cannot select "None" and other options at the same time!	01 ☐ Anti retroviral (ARV) 02 ☐ TB drugs (such as rifampicin) 03 ☐ Barbiturates (such as phenytoin) 04 ☐ None

---

STATIC TEXT

E taking_drugs.ContainsAny(1)

Taking ARVs may reduce the effectiveness of hormonal contraceptives and/or of the ARV. If a hormonal method is recommended, she may be advised to make a different choice or to use a second method while on this drug. Please refer to the cue card of the recommended hormonal method for more detail.

STATIC TEXT

E taking_drugs.ContainsAny(2,3)

Taking TB drugs or Barbiturates may reduce the effectiveness of hormonal contraceptives. If a hormonal method is recommended, she may be advised to make a different choice or to use a second method while on this drug. Please refer to the cue card of the recommended hormonal method for more detail.

Do you experience unexplained vaginal bleeding?	SINGLE-SELECT unexplained_bleeding
I Make sure the client is aware that this does not refer to her regular monthly bleeding.	01 ◯ Yes 00 ◯ No

---

STATIC TEXT

E unexplained_bleeding==1

Unexplained vaginal bleeding should not go unchecked, please refer the client to the Gynecological department or appropriate unit at the end of the consultation to have these symptoms checked.

SYSTOLIC BP

NUMERIC: INTEGER   sys_bp

E (IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding))
V1 self <= 250
M1 Systolic BP must be less than 250

DIASTOLIC BP

NUMERIC: INTEGER   dia_bp

E (IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding))
V1 self <= 140
M1 Diastolic BP must be less than 140

Height

NUMERIC: INTEGER   height

I Enter client's height in cm
E IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding)
V1 self <= 300
M1 This figure is much too high!
V2 self>=50 || self==-98
M2 This figure is much too low!
W3 self>=100 || self==-98
M3 This is a low value, please check whether it is correct!
V4 self!=weight || self==-98
M4 <big>The height is the same as the weight, please check whether this is correct!</big>

SPECIAL VALUES
-98 Not collected

Weight

NUMERIC: INTEGER   weight

I Enter client's weight in kg
E IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding)
V1 self <= 300
M1 This figure is much too high!
V2 self>=20 || self==-98
M2 This figure is much too low!
V3 self!=height || self==-98
M3 <big>The weight is the same as the height, please check whether this is correct!</big>
W4 self>39 || self==-98
M4 This weight is low, please make sure that it is correct!
W5 self<100
M5 This weight is high, please make sure that it is correct!

SPECIAL VALUES
-98 Not collected

Temperature

NUMERIC: INTEGER   temperature
SCOPE: HIDDEN

E IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding)
V1 self.InRange(15,55) || self==-98
M1 This value is unusual, please check again!

SPECIAL VALUES
-98 Not collected

Pulse

NUMERIC: INTEGER   pulse
SCOPE: HIDDEN

E IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding)
V1 self.InRange(10,240) || self==-98
M1 This value is unusual, please check again!

SPECIAL VALUES
-98 Not collected

VARIABLE   BOOLEAN   move_on_to_choice

(IsAnswered(sys_bp) && IsAnswered(dia_bp))

STATIC TEXT

E // normal route move_on_to_choice==true //|| // pregnant and did consultation (skip medical_history) //(pregnant==true && move_on_to_med==true) || // return client pregnant (skip medical_history) //(And 46 other symbols [41]

STATIC TEXT

E view==2 && viewmustbeseq==false && (show_method1==true || show_method2==true || show_method3==true || show_method4==true || show_method5==true)

Ranked recommendation

STATIC TEXT

E view==1 && viewmustbeseq==false && (show_method1==true || show_method2==true || show_method3==true || show_method4==true || show_method5==true)

Status-quo discussion

VARIABLE Quest.IRnd()	DOUBLE	random_draw
VARIABLE (($S1 && $E1 && !$Z) || ($S2 && $E2 && !$Z) || ($S6 && $E1 && !$Z) || ($S8 && $E2 && !$Z)) ? true : false	BOOLEAN	tie12
VARIABLE //true if first digit is lower than 5 (0-4 out of total range of 0-9) 5>(long)Math.Floor(random_draw.Value*10)	BOOLEAN	random_12
VARIABLE (($S2 && $E1 && !$Z) || ($S3 && $E2 && !$Z) || ($S5 && ($E1 || $E2)) \|\| (($Qpi || $Jpi || $Qin || $Jin || $Jlam) && $E2 && !$Z)) ? true : false	BOOLEAN	tie23
VARIABLE //true if second digit is lower than 5 (0-4 out of total range of 0-9) 5>((long)Math.Floor(random_draw.Value*100) - ((long)Math.Floor(random_draw.Value*10))*10)	BOOLEAN	random_23
VARIABLE (($S3 && $E1 && !$Z) || ($S4 && $E2 && !$Z) || ($S7 && ($E2 || $E1)) \|\| ($S8 && $E2)) ? true : false	BOOLEAN	tie34
VARIABLE //true if third digit is lower than 5 (0-4 out of total range of 0-9) 5>((long)Math.Floor(random_draw.Value*1000) - ((long)Math.Floor(random_draw.Value*100))*10)	BOOLEAN	random_34
VARIABLE (($S6 && $E2) \|\| ($Qiu || $Jiu || $Qim || $Jim) && $E3) ? true : false	BOOLEAN	tie45
VARIABLE //true if third digit is lower than 5 (0-4 out of total range of 0-9) 5>((long)Math.Floor(random_draw.Value*10000) - ((long)Math.Floor(random_draw.Value*1000))*10)	BOOLEAN	random_45
VARIABLE (method_1=="IUD") ? "DIU - Cuivre" : (method_1=="IMPLANT") ? "IMPLANT" : (method_1=="PILL" && $IN_COC) ? "PILL - COC" : (method_1=="PILL" && $IN_POP && !$IN_COC) ? "PILL - POP" : (method_1=="INJECTABL And 87 other symbols [17]	STRING	method1_seq
VARIABLE (method_2=="IUD") ? "DIU - Cuivre" : (method_2=="IMPLANT") ? "IMPLANT" : (method_2=="PILL" && $IN_COC) ? "PILL - COC" : (method_2=="PILL" && $IN_POP && !$IN_COC) ? "PILL - POP" : (method_2=="INJECTABL And 86 other symbols [18]	STRING	method2_seq

VARIABLE	STRING	method3_seq
(method_3=="IUD") ? "DIU - Cuivre" : (method_3=="IMPLANT") ? "IMPLANT" : (method_3=="PILL" && $IN_COC) ? "PILL - COC" : (method_3=="PILL" && $IN_POP && !$IN_COC) ? "PILL - POP" : (method_3=="INJECTABL And 87 other symbols [19]		
VARIABLE (method_4=="IUD") ? "DIU - Cuivre" : (method_4=="IMPLANT") ? "IMPLANT" : (method_4=="PILL" && $IN_COC) ? "PILL - COC" : (method_4=="PILL" && $IN_POP && !$IN_COC) ? "PILL - POP" : (method_4=="INJECTABL And 86 other symbols [20]	STRING	method4_seq
VARIABLE (method_5=="IUD") ? "DIU - Cuivre" : (method_5=="IMPLANT") ? "IMPLANT" : (method_5=="PILL" && $IN_COC) ? "PILL - COC" : (method_5=="PILL" && $IN_POP && !$IN_COC) ? "PILL - POP" : (method_5=="INJECTABL And 86 other symbols [21]	STRING	method5_seq
VARIABLE (($S1 && ($E2 || $E3 \|\| ($E1 && $R1 && !$Z))) || ($S2 && $E2 && !$R1 && !$Z) \|\| ($S5 && $E123) \|\| ($S6 && ($E2 \|\| ($E1 && !$R1 && !$Z))) || ($S7 && $E123) \|\| ($S8 && $E2 && !$R1 && !$Z) || ((And 154 other symbols [22]	STRING	method_1a
VARIABLE (method_1a=="OTHER" && (($S2 && ($E1 || ($E2 && $R1 && !$Z) || ($E2 && $Z) || $E3)) \|\| ($S4 && $E123) \|\| ($S6 && ($E3 \|\| ($E1 && $R1 && !$Z) || ($E1 && $Z))) \|\| ($S8 && ($E1 || $E3 \|\| ($E2 && $R1 And 250 other symbols [23]	STRING	method_1b
VARIABLE (method_1a=="IUD" || method_1a=="PILL") ? method_1a : (method_1a=="OTHER" && (method_1b=="IMPLANT" || method_1b=="INJECTABLE" || method_1b=="LAM")) ? method_1b : "NONE"	STRING	method_1
VARIABLE ((($S4 || $S7) && $E123)) ? "LAM" : (($S2 && $E2 && !$R1 && !$Z) \|\| ($S5 && ((($E2 || $E1) && $R2) || $E3)) \|\| ($S6 && ($E2 \|\| ($E1 && !$R1 && !$Z))) || ($S8 & ($E2 && !$R1 && !$Z)) || ($Q And 143 other symbols [24]	STRING	method_2a
VARIABLE (method_2a=="OTHER" && (($S1 && ($E2 || $E3 \|\| ($E1 && $R1 && !$Z))) || ($S2 && (($E1 && !$R2 && !$Z) || ($E1 && $Z))) \|\| ($S3 && ($E1 \|\| ($E2 && !$R2 && !$Z) || ($E2 && $Z) || $E3)) \|\| ($S5 && (And 202 other symbols [25]	STRING	method_2b
VARIABLE (method_2b=="OTHER" && (($S1 && (($E1 && !$R1 && !$Z) || ($E1 && $Z))) \|\| ($S2 && (($E2 && $R1 && !$Z) || ($E2 && $Z) \|\| ($E1 && $R2 && !$Z) || $E3)) \|\| ($S3 && $E2 && $R2 && !$Z) || ($S6 && (($E And 143 other symbols [26]	STRING	method_2c
VARIABLE (method_2a=="LAM" || method_2a=="IMPLANT") ? method_2a : (method_2a=="OTHER" && (method_2b=="PILL" || method_2b=="IUD")) ? method_2b : (method_2a=="OTHER" && method_2b=="OTHER" && method_2c=="IUD") ? And 18 other symbols [27]	STRING	method_2

VARIABLE	STRING	method_3a
(($S2 && $E1 && ((!$R2 && !$Z) || $Z)) \|\| ($S3 && (($E2 && ((!$R2 && !$Z) \|\|$Z)) || ($E1 && $R3 && !$Z))) || ($S4 && $E2 && $R3 && !$Z) || (($Qpi || $Jpi || $Qin || $Jin || $Jlam) && ($E1 || ($ And 99 other symbols [28]		
VARIABLE	STRING	method_3b
(method_3a=="OTHER" && ($S2 && ($E2 || $E3 \|\| ($E1 && $R2))) \|\| ($S3 && $E2 && $R2 && !$Z) || ($S4 && ($E1 || $E3 \|\| ($E2 && !$R3 && !$Z) || ($E2 && $Z))) \|\| ($S5 && ($E3 \|\| (($E2 || $E1) && $R2) And 79 other symbols [29]		
VARIABLE	STRING	method_3c
(method_3a=="OTHER" && method_3b=="OTHER" && ($S1 && $E123) \|\| ($S8 && ($E1 || $E3 \|\| ($E2 && !$R3))) \|\| ($Qiu || $Jiu || $Qim || $Jim) \|\| (($Jiu || $Jim) && $M)) ? "LAM" : "OTHER"		
VARIABLE	STRING	method_3d
(method_3a=="OTHER" && method_3b=="OTHER" && method_3c=="OTHER" && ($S3 && ($E3 || ($E1 && !$R3 && !$Z) \|\| ($E1 && $Z))) \|\| ($S5 && (($E2 || $E1) && !$R2)) || ($S7 && ($E3 || (($E2 || $E1) && $R And 143 other symbols [30]		
VARIABLE	STRING	method_3
(method_3a=="IUD" || method_3a=="INJECTABLE") ? method_3a : (method_3a=="OTHER" && method_3b=="PILL") ? method_3b : (method_3a=="OTHER" && method_3b=="OTHER" && method_3c=="LAM") ? method_3c : (metho And 104 other symbols [31]		
VARIABLE	STRING	method_4a
(($S4 && $E2 && $R3 && !$Z) || ($S7 && ($E3 || (($E2 || $E1) && $R3))) \|\| ($S8 && ($E1 || $E3)) \|\| ($Jlam && $E123) \|\| (($Qiu || $Jiu || $Qim || $Jim) && (($E2 || $E1) \|\| ($E3 && !$R4))) || ((And 182 other symbols [32]		
VARIABLE	STRING	method_4b
(method_4a=="OTHER" && (($S1 && $E123) \|\| ($S3 && ($E2 \|\| ($E1 && $R3 && !$Z))) || ($S7 && (($E2 || $E1) && !$R3)))) ? "IMPLANT" : (method_4a=="OTHER" && (($S6 && $E2 && $R4) \|\| ($S8 && $E2 && And 87 other symbols [33]		
VARIABLE	STRING	method_4c
(method_4b=="OTHER" && (($S2 && $E123) \|\| ($S5 && $E123) \|\| ($S6 && (($E1 || $E3) \|\| ($E2 && !$R4))) \|\| ($S8 && $E2 && $R3) \|\| (($Qpi || $Jpi || $Qin || $Jin) && $E123) \|\| (($Jin || $Jpi) && $M And 22 other symbols [34]		
VARIABLE	STRING	method_4
(method_4a=="IUD" || method_4a=="PILL") ? method_4a : (method_4a=="OTHER" && (method_4b=="IMPLANT" || method_4b=="INJECTABLE")) ? method_4b : (method_4a=="OTHER" && method_4b=="OTHER" && method_4c=="L And 25 other symbols [35]		
VARIABLE	STRING	method_5a
(($S8 && $E2) \|\| ($Qin || $Jin) \|\| (($Qiu || $Jiu || $Qim || $Jim) && ($E3 && $R4))) ? "PILL" : (($S6 && $E2 && $R4)) ? "LAM" : ((($S1 || $S2 || $S3 || $S4 || $S5 || $S7) && $E123) \|\| ($ And 46 other symbols [36]		

VARIABLE	STRING	method_5b

```
(method_5a=="OTHER" && (($S8 || $S6) && ($E1 || $E3)) ||
(($Qpi || $Jpi || $Jlam) && $E123) || (($Qiu || $Jiu ||
$Qim || $Jim) && ($E1 || $E2 || ($E3 && !$R4))) || (($Ji
n || $Jpi || $Jim || $J
```

[And 47 other symbols [37]](#)

VARIABLE	STRING	method_5

```
(method_5a=="PILL" || method_5a=="LAM" || method_5a=="IN
JECTABLE") ? method_5a : (method_5a=="OTHER" && method_5
b=="INJECTABLE") ? method_5b : "NONE"
```

STATIC TEXT

E `view_text==true`

Global random draw: %random_draw%

STATIC TEXT

E `view_text==true`

List of methods for SEQUENTIAL:

Method 1: %method_1% / %method1_seq%
Tie in positions 1-2: %tie12%
Random 12 = %random_12%

Method 2: %method_2% / %method2_seq%
Tie in positions 2-3: %tie23%
Random 23 = %random_23%

Method 3: %method_3% / %method3_seq%
Tie in positions 3-4: %tie34%
Random 34 = %random_34%

Method 4: %method_4% / %method4_seq%
Tie in positions 4-5: %tie45%
Random 45 = %random_45%

Method 5: %method_5% / %method5_seq%

STATIC TEXT

E `view_text==true`

BANDIT

CONTEXTS: Method in mind: %context_mind%
fp: %context_fp%
birth 3m: %context_birth%
age: %age%
therefore, context: %context%

RANDOM DRAW

global draw: %random_draw%
draw for arms: %r%
winner arm: %winner_arm%

Therefore:
Price IUD : %price_iud%

Price IMPLANT : %price_imp%

Price INJECTABLE : %price_inj%

Price PILL : %price_pill%

winner view: %winner_view% / %view_r%

view the client gets: %view% / as a string : %view_s%
is it because 'view must be seq' ? %viewmustbeseq%

VARIABLE	LONG	context_mind
// just use clients who did and did not answer the SE pref. questions... (patient_status=="New" && IsAnswered(increased_bleeding) && recruited==true && IsAnswered(decreased_bleeding) && IsAnswer And 251 other symbols [38]		
VARIABLE	LONG	context_fp
(ward==1) ? 1 : (ward==0) ? 0 : 0		
VARIABLE	LONG	context_birth
(!IsAnswered(birth_date)) ? 0 : (birth_date.Value.AddMonths(3)>=interview_date) ? 1 : (birth_date.Value.AddMonths(3)<interview_date) ? 0 : 0		
VARIABLE	LONG	context
// imagine a split on age and birth (context_mind==0 && age.InRange(15,24) && context_birth==1) ? 1 : (context_mind==0 && age.InRange(25,49) && context_birth==1) ? 2 : (context_mind==0 && age.InRange(And 390 other symbols [39]		
VARIABLE	DOUBLE	r
(double)((Math.Floor(random_draw.Value*100000000) - (Math.Floor(random_draw.Value*10000)*10000))/10000)		
VARIABLE	DOUBLE	winner_arm
// non-method mind peeps (context!=9 && context_mind==0 && r.InRange(0,probs[(int)context].arm1)) ? 1 : (context!=9 && context_mind==0 && r.InRange(probs[(int)context].arm1,probs[(int)context].arm2)) And 1428 other symbols [40]		
VARIABLE	LONG	price_iud
// new patients get randomized prices (patient_status=="New" && winner_arm==1) ? 0 : (patient_status=="New" && winner_arm==2) ? 0 : (patient_status=="New" && winner_arm==3) ? 1000 : (patient_status==" And 597 other symbols [41]		
VARIABLE	LONG	price_imp
// new patients get randomized prices (patient_status=="New" && winner_arm==1) ? 0 : (patient_status=="New" && winner_arm==2) ? 0 : (patient_status=="New" && winner_arm==3) ? 1000 : (patient_status==" And 597 other symbols [42]		
VARIABLE	LONG	price_pill
// new patients get randomized prices (patient_status=="New") ? 1500 : //return clients get their old prices (patient_status=="Return" && return_prices.InList(10,8,6,4,2)) ? 1500 : (patient_status=="R And 50 other symbols [43]		
VARIABLE	LONG	price_inj
// new patients get randomized prices (patient_status=="New") ? 1250 : //return clients get their old prices (patient_status=="Return" && return_prices.InList(10,8,6,4,2)) ? 1250 : (patient_status=="R And 50 other symbols [44]		
VARIABLE	LONG	price_card
// Only for new clients (price_iud==4000 && price_pill==1500) ? 10 : (price_iud==2000 && price_pill==1500) ? 8 : (price_iud==1000 && price_pill==1500) ? 6 : (price_iud==0 && price_pill==1500) ? 2 : 0		

VARIABLE	DOUBLE	winner_view
(winner_arm==1) ? 2 : (winner_arm==2) ? 1 : (winner_arm==3) ? 2 : (winner_arm==4) ? 1 : (winner_arm==5) ? 2 : (winner_arm==6) ? 1 : (winner_arm==7) ? 2 : (winner_arm==8) ? 1 : // should not happen eve And 3 other symbols [45]		
VARIABLE	BOOLEAN	viewmustbeseq
($Jim || $Jin || $Jiu || $Jpi || $Jlam || $Qim || $Qin || $Qiu || $Qpi) ? true : false		
VARIABLE	LONG	view
// view==2 for seq // view 2 wins the draw (patient_status=="New" && path==1 && viewmustbeseq==false && winner_view==2) ? 2 : // patient is return and had already gotten view 2 (patient_status== And 687 other symbols [46]		
VARIABLE	STRING	view_s
(view==1) ? "D-SQ" : (view==2) ? "RP" : "None"		
VARIABLE	STRING	view_r
// view 2 wins the draw (patient_status=="New" && winner_view==2 && path==1) ? "RP" : // or view1 wins the draw (patient_status=="New" && winner_view==1 && path==1) ? "D-SQ" : // default to sbs other And 13 other symbols [47]		
VARIABLE	DOUBLE	r_view
Math.Floor(((double)((long)Math.Floor(random_draw.Value*100000000000) - (long)Math.Floor(random_draw.Value*100000000)*1000)/999)*((120-1)+1)+1)		
VARIABLE	STRING	method1_sbs
(!$JNonModern && methods[(int)r_view].m1==1) ? "DIU - Cuivre" : (!$JNonModern && methods[(int)r_view].m1==2) ? "IMPLANT" : (!$JNonModern && methods[(int)r_view].m1==3) ? "MAMA" : (!$JNonModern && meth And 231 other symbols [48]		
VARIABLE	STRING	method2_sbs
(!$JNonModern && methods[(int)r_view].m2==1) ? "DIU - Cuivre" : (!$JNonModern && methods[(int)r_view].m2==2) ? "IMPLANT" : (!$JNonModern && methods[(int)r_view].m2==3) ? "MAMA" : (!$JNonModern && meth And 231 other symbols [49]		
VARIABLE	STRING	method3_sbs
(!$JNonModern && methods[(int)r_view].m3==1) ? "DIU - Cuivre" : (!$JNonModern && methods[(int)r_view].m3==2) ? "IMPLANT" : (!$JNonModern && methods[(int)r_view].m3==3) ? "MAMA" : (!$JNonModern && meth And 231 other symbols [50]		
VARIABLE	STRING	method4_sbs
(!$JNonModern && methods[(int)r_view].m4==1) ? "DIU - Cuivre" : (!$JNonModern && methods[(int)r_view].m4==2) ? "IMPLANT" : (!$JNonModern && methods[(int)r_view].m4==3) ? "MAMA" : (!$JNonModern && meth And 230 other symbols [51]		
VARIABLE	STRING	method5_sbs
(!$JNonModern && methods[(int)r_view].m5==1) ? "DIU - Cuivre" : (!$JNonModern && methods[(int)r_view].m5==2) ? "IMPLANT" : (!$JNonModern && methods[(int)r_view].m5==3) ? "MAMA" : (!$JNonModern && meth And 230 other symbols [52]		

STATIC TEXT

E view_text==true

List of methods for SIDE-BY-SIDE:

Rowcode to call: %r_view%

Method 1: %method1_sbs%

Method 2: %method2_sbs%

Method 3: %method3_sbs%

Method 4: %method4_sbs%

Method 5: %method5_sbs%

STATIC TEXT

E view_text==true

List of methods to show:

Method 1: %method1%
show method 1: %show_method1%

Method 2: %method2%
show method 2: %show_method2%

Method 3: %method3%
show method 3: %show_method3%

Method 4: %method4%
show method 4: %show_method4%

Method 5: %method5%
show method 5: %show_method5%

VARIABLE	BOOLEAN	show_method1
`(method1=="DIU - Cuivre" && ((!$IN_IUD && $NoContraindications==false))) ? false : (method1=="IMPLANT" && ((!$IN_IMPLANT && $NoContraindications==false))) ? false : ((method1=="PILL - COC" && ((!$IN_C` And 331 other symbols [53]		
VARIABLE	BOOLEAN	show_method2
`(method2=="DIU - Cuivre" && ((!$IN_IUD && $NoContraindications==false))) ? false : (method2=="IMPLANT" && ((!$IN_IMPLANT && $NoContraindications==false))) ? false : ((method2=="PILL - COC" && ((!$IN_C` And 331 other symbols [54]		
VARIABLE	BOOLEAN	show_method3
`(method3=="DIU - Cuivre" && ((!$IN_IUD && $NoContraindications==false))) ? false : (method3=="IMPLANT" && ((!$IN_IMPLANT && $NoContraindications==false))) ? false : ((method3=="PILL - COC" && ((!$IN_C` And 332 other symbols [55]		
VARIABLE	BOOLEAN	show_method4
`(method4=="DIU - Cuivre" && ((!$IN_IUD && $NoContraindications==false))) ? false : (method4=="IMPLANT" && ((!$IN_IMPLANT && $NoContraindications==false))) ? false : ((method4=="PILL - COC" && ((!$IN_C` And 331 other symbols [56]		

VARIABLE `(method5=="DIU - Cuivre" && ((!$IN_IUD && $NoContraindic ations==false))) ? false : (method5=="IMPLANT" && ((!$IN _IMPLANT && $NoContraindications==false))) ? false : ((m ethod5=="PILL - COC" && ((!$IN_C` And 331 other symbols [57]	BOOLEAN	show_method5
VARIABLE `(view==1) ? method1_sbs : (view==2) ? method1_seq : meth od1_seq`	STRING	method1
VARIABLE `(view==1) ? method2_sbs : (view==2) ? method2_seq : meth od2_seq`	STRING	method2
VARIABLE `(view==1) ? method3_sbs : (view==2) ? method3_seq : meth od3_seq`	STRING	method3
VARIABLE `(view==1) ? method4_sbs : (view==2) ? method4_seq : meth od4_seq`	STRING	method4
VARIABLE `(view==1) ? method5_sbs : (view==2) ? method5_seq : meth od5_seq`	STRING	method5
VARIABLE `(path.InList(1,2,3) && IsAnswered(birth_date)) ? birth_d ate.Value.Date.AddDays(28).ToString("dddd, MMMM dd") : ( path.InList(4) && IsAnswered(birth_date2)) ? birth_date2 .Value.Date.AddDays(28).ToString` And 22 other symbols [58]	STRING	date_4weeks
VARIABLE `(path.InList(1,2,3) && IsAnswered(birth_date)) ? birth_d ate.Value.Date.AddDays(42).ToString("dddd, MMMM dd") : ( path.InList(4) && IsAnswered(birth_date2)) ? birth_date2 .Value.Date.AddDays(42).ToString` And 22 other symbols [59]	STRING	date_6weeks
VARIABLE `(unexplained_bleeding.InList(1)) ? "- La patiente a des saignements vaginaux inexpliques" : ""`	STRING	UVB_reason

STATIC TEXT

E `(UVB_reason!="") // AND not currently pregnant && !$NoContraindications`

WARNING: the IUD is contraindicated for this client at this time %UVB_reason%

STATIC TEXT

E `// Birth date of last child was NOT within 2 and 28 days ((IsAnswered(birth_date) && birth_date.Value.AddDays(28)>=i nterview_date && (birth_date.Value.AddHours((int)hour_delivery)<=interview_date` And 253 other symbols [57]

WARNING: the IUD is contraindicated for this client at this time because she gave birth between 48 hours and 4 weeks ago.

However, you can still discuss it and she can make a plan to adopt it in 4 weeks from now, on the %date_4weeks%

STATIC TEXT

E `// client experiences unexplained vaginal bleeding unexplained_bleeding.InList(1) // AND not currently pregnant && ! $NoContraindications`

WARNING: the IMPLANT is contraindicated for this client at this time %UVB_reason%

VARIABLE `(IsAnswered(taking_drugs) && taking_drugs.ContainsAny(2, 3)) ? "- La patiente prend des medicaments contre le TB ou des Barbituriques" : ""`	STRING	drugs_reason

E // client on TB drugs or Barbiturates (IsAnswered(taking_drugs) && taking_drugs.ContainsAny(2,3)) // AND not current
ly pregnant && !$NoContraindications

WARNING: the PILL - POP is contraindicated for this client at this time
%drugs_reason%

VARIABLE	STRING	coc_reason1
((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date && exclusive_breastfeeding.InList(2,0)) || (IsAnswered(birth_date2) && birth_date2.Value.AddDays(42)>=interview_d And 115 other symbols [60]		
VARIABLE	STRING	coc_reason2
((IsAnswered(birth_date) && birth_date.Value.AddMonths(6)>=interview_date && exclusive_breastfeeding.InList(1)) || (IsAnswered(birth_date) && birth_date2.Value.AddMonths(6)>=interview And 149 other symbols [61]		
VARIABLE	STRING	coc_reason3
((IsAnswered(medical_history) && medical_history.ContainsAny(1)) || (sys_bp >= 140 || dia_bp >= 90)) ? "- La patiente a un historique de hypertension (HTA), ou sa pression arterielle systolique And 33 other symbols [62]		
VARIABLE	STRING	coc_reason4
((age>35 && medical_history.ContainsAny(3,8)) || (medical_history.ContainsAll(3,8))) ? "- La patiente remplis deux de ces criteres, elle est fumeuse, agee de plus de 35 ans, ou diabetique" : ""		

STATIC TEXT

E (coc_reason1!="" \|\| coc_reason2!="" \|\| coc_reason3!="" \|\| coc_reason4!="" \|\| drugs_reason!="") // Don't show if clie
nt is pregnant and this is a pre-pregnancy consultation && !$NoContraindications

WARNING: the PILL - COC is contraindicated for this client at this time
%coc_reason1%
%coc_reason2%
%coc_reason3%
%coc_reason4%
%drugs_reason%

VARIABLE	STRING	injectable_reason1
((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date && exclusive_breastfeeding.InList(1)) || (IsAnswered(birth_date2) && birth_date2.Value.AddDays(42)>=interview_date And 151 other symbols [63]		
VARIABLE	STRING	injectable_reason2
(sys_bp>=160 || dia_bp>=100) ? "- La patiente a une pression arterielle systolique>=160 ou diastolique>=140" : ""		
VARIABLE	STRING	injectable_reason3
((age>35 && medical_history.ContainsAny(3,8)) || (medical_history.ContainsAll(3,8))) ? "- La patiente remplis deux de ces criteres, elle est fumeuse, agee de plus de 35 ans, ou diabetique" : ""		
VARIABLE	STRING	injectable_reason4
(medical_history.Contains(1) && (medical_history.ContainsAny(3,8) || age>35)) ? "- La patiente a un historique de hypertension et au moins une de ces autres conditions: est fumeuse, agee de plus And 31 other symbols [64]		

STATIC TEXT

E // birthdate within 42 days and fully or near fully breastfeeding (injectable_reason1!="" || injectable_reason2!="" || injectable_reason3!="" || injectable_reason4!="" || UVB_reason!="") // AND n And 213 other symbols [58]

WARNING: the INJECTABLE is contraindicated for this client at this time
%injectable_reason1%
%injectable_reason2%
%injectable_reason3%
%injectable_reason4%
%UVB_reason%

STATIC TEXT

E !$NoContraindications && injectable_reason1!="" && (injectable_reason2=="" && injectable_reason3=="" && injectable_reason4=="" && UVB_reason=="")

WARNING: the INJECTABLE is contraindicated for this client at this time because she gave birth less than 6 weeks ago and is breastfeeding.

However, you can still discuss it and she can make a plan to adopt it in 6 weeks from now, on the %date_6weeks%

STATIC TEXT

E // currently pregnant ((pregnant_client==1 || pregnant_client2==1 || pregnancy_test_result==1 || pregnancy_test_result2==1) // OR Gave birth in last 6 months AND fully breastfeeding AND has no And 427 other symbols [59]

The client is eligible for LAM at this time

STATIC TEXT

E //only show for clients who recently gave birth, i.e. last 6 months (((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date) && birth_date.Value.AddMonths(6)>=inte And 782 other symbols [60]

The client is NOT eligible for LAM at this time

STATIC TEXT

E view==1 && viewmustbeseq==false && !(show_method1==false && show_method2==false && show_method3==false && show_method4==false && show_method5==false)

Based on our conversation, there are several methods that I think might work well for you. Let's discuss some of them in more detail so that you can understand how they work, their advantages, and their disadvantages.

If at any time you decide that you don't like the method then we will simply talk about the next one until we find something you like.

Please present each method in the order in which they appear below, then ask:

Which method are you interested in?

STATIC TEXT

E view==2 && viewmustbeseq==false && !(show_method1==false && show_method2==false && show_method3==false && show_method4==false && show_method5==false)

Based on our conversation, there are several methods that I think will suit your goals, needs, and preferences with side effects and fertility.

If you agree, we will talk about them in the order from the best suited to least-well suited, until we find a method that is suitable for you.

If you decide that you don't like a method, we can always move on and talk about the next best method.

Please press on the method below

STATIC TEXT

E view==2 && viewmustbeseq==true && !(show_method1==false && show_method2==false && show_method3==false && show_method4==false && show_method5==false)

Based on our conversation, there are several methods that I think will suit your goals, needs, and preferences with side effects and fertility, but let's talk about the method you wanted to discuss.

If for some reason you want to discuss other methods, we can always move on and talk about the next best method.

Please press on the method below

STATIC TEXT

E // wants a non-modern method and no consultation !(method_mind_list.InList(6,7,5,8,9,10,99) && (right_method==0 || right_method2==0 || right_method3==0 || right_method4_elig==0 || right_method4_inel And 164 other symbols [61]

Unfortunately, it looks like none of the modern contraception methods are suitable for you at this moment.

METHOD CHOICE
METHOD: %METHOD1%

E `show_method1==true && (view==1 || view==2)`

STATIC TEXT

E `view==2 && // show this message if there is a tie between positions 12 // AND the method in position 2 is not medica lly contraindicated, if it is show the standard message (tie12==true && show_met` And 51 other symbols [63]

We think that the next two methods are equally well-suited, but we would like to start by discussing the %method1%.

Would you like to discuss the %method1%? E `view==2 && q_version.InList("Full","Discuss")`	SINGLE-SELECT　　　　　discuss1 01 ◯ Yes 00 ◯ No

---

STATIC TEXT

E `(discuss1==1 && view==2)`

Take the cue card for %method1% and go over the information on the front on:

. What the method is
. It's effectiveness
. Advantages and disadvantages

Pause and ask the client if she wants to continue.

If 'yes,' go over the information of the back of the cue card on:

. How to use the method
. Possible side effects
. Reasons to return to the provider

Answer any questions the client might have.

STATIC TEXT

E `view==1`

Take the cue card for %method1% and go over the information on:

. How to use the method
. Possible side effects
. Reasons to return to the provider

Answer any questions the client might have.

STATIC TEXT

E `(discuss1==0)`

Please ask the client about why she does not want to discuss the %method1%. If she has any misconceptions, please correct them.

If the client agrees to discuss the method, please change the answer of the question above back to "Yes".

If the client does not want to discuss the method, please record the main reason(s) below and move on to the next method.

Would you like to adopt %method1%? If you are not sure, we can discuss the next best method and we can always come back to this one. E `(discuss1==1 || view==1)`	SINGLE-SELECT　　　　　adopt1 01 ◯ Yes, the client CHOSE to adopt the method 02 ◯ Maybe, but the client would like to discuss OTHER methods 00 ◯ No, the client does NOT want to adopt the method

Press here to randomize prices	DATE: CURRENT TIME	price1

E `adopt1==1 && view_prices==true && !IsAnswered(return_pri ces) && method1!="MAMA"`

STATIC TEXT

E `((adopt1==1 || q_version=="Reduced") && view_prices==true && (IsAnswered(price1) || IsAnswered(return_prices) || IsA nswered(price2) || IsAnswered(price3) || IsAnswered(price4) || IsAnswered(price` And 4 other symbols [64]

Prices:

ALL prices below are valid for a period of ONE year, until %date1year%.

IUD : ~~5000 F~~ - %price_iud% F

IMPLANT : ~~5250 F~~ - %price_imp% F

Removal of the IUD or Implant is <u>free for life.</u>

INJECTABLE : %price_inj% F

PILL : %price_pill% F

Prices for the pill and injectable are valid for <u>4 cycles of adoptions</u> within ONE year, until %date1year%.

Please record the reason the client does not want to consider/adopt the method ?	MULTI-SELECT	whynot1

E `discuss1==0 || adopt1==0`

- 01 ☐ Has used method before
- 02 ☐ Medical eligibility
- 10 ☐ Insertion (site or process)
- 11 ☐ Method is hormonal
- 03 ☐ Effectiveness
- 04 ☐ Discretion
- 05 ☐ Cost or price
- 13 ☐ Inconvenient
- 06 ☐ Side effects (pain, increased bleeding, cramps, weight gain, etc...)
- 08 ☐ Thinks method causes infertility
- 09 ☐ Thinks method causes other diseases (cancer, infections, etc...)
- 99 ☐ Other

Please specify the medical eligibility.	TEXT	whynot1_med

E `whynot1.Contains(2)`

Please specify the other reason(s).	TEXT	whynot1_oth

E `whynot1.Contains(99)`

STATIC TEXT

E `adopt1==1 && method1=="DIU - Cuivre" && // Birth date of last child was within 2 and 28 days ((IsAnswered(birth_date ) && birth_date.Value.AddDays(28)>=interview_date && (birth_date.Value.AddHours` And 233 other symbols [65]

The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted.

STATIC TEXT

E `adopt1==1 && method1=="INJECTABLE" && // Birth date of last child was within 2 and 28 days ((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date && exclusive_breastfeeding.InLi` And 136 other symbols [66]

The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.

STATIC TEXT

E `adopt1==1 || q_version=="Reduced"`

Please proceed to administration of %method1%.

The client is also eligible for LAM. Please ask her if she would like to hear about it and if 'yes' please briefly counsel her using the cue card. Does the client also want to use LAM <u>in addition to</u> her chosen method? E `(adopt1==1 || q_version=="Reduced") && $IN_LAM && method 1!="MAMA" && patient_status=="New"`	SINGLE-SELECT also_lam1 01 ◯ Yes 00 ◯ No
Please confirm whether the client received the %method1% before leaving the facility? E `!((view==2 && method1_seq=="MAMA") || (view==1 && method 1_sbs=="MAMA")) && (adopt1==1 || q_version=="Reduced")`	SINGLE-SELECT leave1 01 ◯ Yes 00 ◯ No
Would the client like to consider other methods to use along with, or following, LAM? E `((view==2 && method1_seq=="MAMA") || (view==1 && method1 _sbs=="MAMA")) && (adopt1==1 || q_version=="Reduced")`	SINGLE-SELECT lam1 01 ◯ Yes 00 ◯ No
Why did the client not leave with this method? I Please correct any misconceptions before answering this question. E `leave1==0`	MULTI-SELECT whyleave1 01 ☐ Method out of stock 02 ☐ Cost 03 ☐ Medical eligibility 11 ☐ Client will adopt after delivery (immediate post-partum) 05 ☐ Client is pregnant (post-partum adoption) 07 ☐ Consult with partner 09 ☐ Consult with parents/guardian 10 ☐ Wants to think about it 99 ☐ Other
Please specify the medical eligibility. E `whyleave1.Contains(3)`	TEXT whyleave1_med ··································
Please specify the other reason. E `whyleave1.Contains(99)`	TEXT whyleave1_oth ··································
Does the client want to come back another time to be administered the %method1% OR Does the client want to consider other methods? E `leave1==0 && IsAnswered(whyleave1) && !whyleave1.Contain sAny(5,6,7,8,9,10,11)`	SINGLE-SELECT consider_comeback1 01 ◯ Come back another time to be administered the method 02 ◯ Consider other methods 03 ◯ Left without her method

STATIC TEXT

E `moveon_1==true && IsAnswered(whynot1)`

Please select the button below ("Method choice") to go to the page where the next method will be shown. Please click on the blue button for the next method

VARIABLE `// refused to discuss (discuss1==0) // OR does not want to adopt || adopt1.InList(0,2) // OR chose LAM and wants to consider others || lam1==1 // OR did not leave with t he method for any reason and` And 72 other symbols [65]	BOOLEAN moveon_1

METHOD CHOICE
METHOD: %METHOD2%

E `show_method2==true && ( (view==2 && (moveon_1==true || show_method1==false)) || (view==1))`

STATIC TEXT

E `view==2 && // AND there is a tie between 2 and 3 we can show method 3 tie23==true && show_method3==true`

We think that the next two methods are equally well-suited, but we would like to start by discussing the %method2%.

Would you like to discuss the %method2%?	SINGLE-SELECT	discuss2
E `view==2`	01 ⭕ Yes 00 ⭕ No	

STATIC TEXT

E `discuss2==1 && view==2`

Take the cue card for %method2% and go over the information on the front on:

. What the method is
. It's effectiveness
. Advantages and disadvantages

Pause and ask the client if she wants to continue.

If 'yes,' go over the information of the back of the cue card on:

. How to use the method
. Possible side effects
. Reasons to return to the provider

Answer any questions the client might have.

STATIC TEXT

E `view==1`

Take the cue card for %method2% and go over the information on:

. How to use the method
. Possible side effects
. Reasons to return to the provider

Answer any questions the client might have.

STATIC TEXT

E `(discuss2==0 )`

Please ask the client about why she does not want to discuss the %method2%. If she has any misconceptions, please correct them.

If the client agrees to discuss the method, please change the answer of the question above back to "Yes".

If the client does not want to discuss the method, please record the main reason(s) below and move on to the next method.

Would you like to adopt %method2%?	SINGLE-SELECT	adopt2
If you are not sure, we can discuss the next best method and we can always come back to this one. E `(discuss2==1 || view==1)`	01 ⭕ Yes, the client CHOSE to adopt the method 02 ⭕ Maybe, but the client would like to discuss OTHER methods 00 ⭕ No, the client does NOT want to adopt the method	

Press here to randomize prices	DATE: CURRENT TIME
E `adopt2==1 && view_prices==true && !IsAnswered(return_pri ces) && method2!="MAMA"`	....

STATIC TEXT

E `adopt2==1 && view_prices==true && (IsAnswered(price2) || IsAnswered(return_prices) || IsAnswered(price1) || IsAnswer ed(price3) || IsAnswered(price4) || IsAnswered(price5))`

Prices:

ALL prices below are valid for a period of ONE year, until %date1year%.

IUD : 5000 F - %price_iud% F

IMPLANT : 5250 F - %price_imp% F

Removal of the IUD or Implant is free for life.

INJECTABLE : %price_inj% F

PILL : %price_pill% F

Prices for the pill and injectable are valid for 4 cycles of adoptions within ONE year, until %date1year%.

Please record the reason the client does not want to consider/adopt the %method2% ?	MULTI-SELECT whynot2
E `discuss2==0 || adopt2==0`	01 ☐ Has used method before
	02 ☐ Medical eligibility
	10 ☐ Insertion (site or process)
	11 ☐ Method is hormonal
	03 ☐ Effectiveness
	04 ☐ Discretion
	05 ☐ Cost or price
	13 ☐ Inconvenient
	06 ☐ Side effects (pain, increased bleeding, cramps, weight gain, etc...)
	08 ☐ Thinks method causes infertility
	09 ☐ Thinks method causes other diseases (cancer, infections, etc...)
	99 ☐ Other
Please specify the medical eligibility.	TEXT whynot2_med
E `whynot2.Contains(2)`	....
Please specify the other reason(s).	TEXT whynot2_oth
E `whynot2.Contains(99)`	....

STATIC TEXT

E `adopt2==1 && method2=="DIU - Cuivre" && // Birth date of last child was within 2 and 28 days ((IsAnswered(birth_date ) && birth_date.Value.AddDays(28)>=interview_date && (birth_date.Value.AddHours` And 233 other symbols [67]

The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted.

STATIC TEXT

E `adopt2==1 && method2=="INJECTABLE" && // Birth date of last child was within 2 and 28 days ((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date && exclusive_breastfeeding.InLi` And 136 other symbols [68]

The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.

STATIC TEXT

E `adopt2==1`

Please proceed to administration of %method2%.

The client is also eligible for LAM. Please ask her if she would like to hear about it and if 'yes' please briefly counsel her using the cue card. Does the client also want to use LAM in addition to her chosen method? E `(adopt2==1 || q_version=="Reduced") && $IN_LAM && method2!="MAMA" && patient_status=="New"`	SINGLE-SELECT `also_lam2` 01 ○ Yes 00 ○ No
Please confirm whether the client received the %method2% before leaving the facility? E `!((view==2 && method2_seq=="MAMA") || (view==1 && method2_sbs=="MAMA")) && (adopt2==1)`	SINGLE-SELECT `leave2` 01 ○ Yes 00 ○ No
Would the client like to consider other methods to use along with, or following, LAM? E `((view==2 && method2_seq=="MAMA") || (view==1 && method2_sbs=="MAMA")) && (adopt2==1)`	SINGLE-SELECT `lam2` 01 ○ Yes 00 ○ No
Why did the client not leave with this method? I Please correct any misconceptions before answering this question. E `leave2==0`	MULTI-SELECT `whyleave2` 01 ☐ Method out of stock 02 ☐ Cost 03 ☐ Medical eligibility 11 ☐ Client will adopt after delivery (immediate post-partum) 05 ☐ Client is pregnant (post-partum adoption) 07 ☐ Consult with partner 09 ☐ Consult with parents/guardian 10 ☐ Wants to think about it 99 ☐ Other
Please specify the medical eligibility. E `whyleave2.Contains(3)`	TEXT `whyleave2_med` ....
Please specify the other reason. E `whyleave2.Contains(99)`	TEXT `whyleave2_oth` ....
Does the client want to come back another time to be administered the %method2% OR Does the client want to consider other methods? E `leave2==0 && IsAnswered(whyleave2) && !whyleave2.ContainsAny(5,6,7,8,9,10,11)`	SINGLE-SELECT `consider_comeback2` 01 ○ Come back another time to be administered the method 02 ○ Consider other methods 03 ○ Left without her method

STATIC TEXT

E `moveon_2==true && IsAnswered(whynot2)`

Please select the button below ("Method choice") to go to the page where the next method will be shown. Please click on the blue button for the next method

VARIABLE `// refused to discuss discuss2==0 // OR does not want to adopt || adopt2.InList(0,2) // OR chose LAM and wants to consider others || lam2==1 // OR did not leave with the method for any reason and wa` And 69 other symbols [66]	BOOLEAN `moveon_2`

METHOD: %METHOD3%

E // Method 3 not contraindicated show_method3==true && // AND view is SEQ and //either: moved on from 2 ((view==2 && ((moveon_2==true) // moved on from 1 and method 2 is contraindicated || (moveon_1== And 143 other symbols [42]

STATIC TEXT

E view==2 && // AND there is a tie between 3 and 4 we can show method 4 tie34==true && show_method4==true

We think that the next two methods are equally well-suited, but we would like to start by discussing the %method3%.

Would you like to discuss the %method3%? E view==2	SINGLE-SELECT discuss3 01 ◯ Yes 00 ◯ No

---

STATIC TEXT

E (discuss3==1 && view==2)

Take the cue card for %method3% and go over the information on the front on:

. What the method is
. It's effectiveness
. Advantages and disadvantages

Pause and ask the client if she wants to continue.

If 'yes,' go over the information of the back of the cue card on:

. How to use the method
. Possible side effects
. Reasons to return to the provider

Answer any questions the client might have.

STATIC TEXT

E view==1

Take the cue card for %method3% and go over the information on:

. How to use the method
. Possible side effects
. Reasons to return to the provider

Answer any questions the client might have.

STATIC TEXT

E (discuss3==0)

Please ask the client about why she does not want to discuss the %method3%. If she has any misconceptions, please correct them.

If the client agrees to discuss the method, please change the answer of the question above back to "Yes".

If the client does not want to discuss the method, please record the main reason(s) below and move on to the next method.

Would you like to adopt %method3%? If you are not sure, we can discuss the next best method and we can always come back to this one. E (discuss3==1 || view==1)	SINGLE-SELECT adopt3 01 ◯ Yes, the client CHOSE to adopt the method 02 ◯ Maybe, but the client would like to discuss OTHER methods 00 ◯ No, the client does NOT want to adopt the method
Press here to randomize prices E adopt3==1 && view_prices==true && !IsAnswered(return_prices) && method3!="MAMA"	DATE: CURRENT TIME price3 ....

STATIC TEXT

E adopt3==1 && view_prices==true && (IsAnswered(price3) || IsAnswered(return_prices) || IsAnswered(price1) || IsAnswered(price2) || IsAnswered(price4) || IsAnswered(price5))

Prices:

ALL prices below are valid for a period of ONE year, until %date1year%.

IUD : ~~5000 F~~ - %price_iud% F

IMPLANT : ~~5250 F~~ - %price_imp% F

Removal of the IUD or Implant is <u>free for life.</u>

INJECTABLE : %price_inj% F

PILL : %price_pill% F

Prices for the pill and injectable are valid for <u>4 cycles of adoptions</u> within ONE year, until %date1year%.

Please record the reason the client does not want to consider/adopt the %method3% ? E discuss3==0 || adopt3==0	MULTI-SELECT whynot3 01 ☐ Has used method before 02 ☐ Medical eligibility 10 ☐ Insertion (site or process) 11 ☐ Method is hormonal 03 ☐ Effectiveness 04 ☐ Discretion 05 ☐ Cost or price 13 ☐ Inconvenient 06 ☐ Side effects (pain, increased bleeding, cramps, weight gain, etc…) 08 ☐ Thinks method causes infertility 09 ☐ Thinks method causes other diseases (cancer, infections, etc…) 99 ☐ Other
Please specify the medical eligibility. E whynot3.Contains(2)	TEXT whynot3_med ....
Please specify the other reason(s). E whynot3.Contains(99)	TEXT whynot3_oth ....

STATIC TEXT

E adopt3==1 && method3=="DIU – Cuivre" && // Birth date of last child was within 2 and 28 days ((IsAnswered(birth_date) && birth_date.Value.AddDays(28)>=interview_date && (birth_date.Value.AddHours [And 233 other symbols [69]](#)

The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted.

STATIC TEXT

E adopt3==1 && method3=="INJECTABLE" && // Birth date of last child was within 2 and 28 days ((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date && exclusive_breastfeeding.InLi [And 136 other symbols [70]](#)

The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.

STATIC TEXT

E adopt3==1

Please proceed to administration of %method3%.

The client is also eligible for LAM. Please ask her if she would like to hear about it and if 'yes' please briefly counsel her using the cue card. Does the client also want to use LAM in addition to her chosen method? E `(adopt3==1 || q_version=="Reduced") && $IN_LAM && method 3!="MAMA" && patient_status=="New"`	SINGLE-SELECT also_lam3 01 ○ Yes 00 ○ No
Please confirm whether the client received the %method3% before leaving the facility? E `!((view==2 && method3_seq=="MAMA") || (view==1 && method 3_sbs=="MAMA")) && (adopt3==1)`	SINGLE-SELECT leave3 01 ○ Yes 00 ○ No
Would the client like to consider other methods to use along with, or following, LAM? E `((view==2 && method3_seq=="MAMA") || (view==1 && method3 _sbs=="MAMA")) && (adopt3==1)`	SINGLE-SELECT lam3 01 ○ Yes 00 ○ No
Why did the client not leave with this method? I Please correct any misconceptions before answering this question. E `leave3==0`	MULTI-SELECT whyleave3 01 ☐ Method out of stock 02 ☐ Cost 03 ☐ Medical eligibility 11 ☐ Client will adopt after delivery (immediate post-partum) 05 ☐ Client is pregnant (post-partum adoption) 07 ☐ Consult with partner 09 ☐ Consult with parents/guardian 10 ☐ Wants to think about it 99 ☐ Other
Please specify the medical eligibility. E `whyleave3.Contains(3)`	TEXT whyleave3_med ....
Please specify the other reason. E `whyleave3.Contains(99)`	TEXT whyleave3_oth ....
Does the client want to come back another time to be administered the %method3% OR Does the client want to consider other methods? E `leave3==0 && IsAnswered(whyleave3) && !whyleave3.Contain sAny(5,6,7,8,9,10,11)`	SINGLE-SELECT consider_comeback3 01 ○ Come back another time to be administered the method 02 ○ Consider other methods 03 ○ Left without her method

STATIC TEXT

E `moveon_3==true && IsAnswered(whynot3)`

Please select the button below ("Method choice") to go to the page where the next method will be shown. Please click on the blue button for the next method

VARIABLE `// refused to discuss discuss3==0 // OR does not want to adopt || adopt3.InList(0,2) // OR chose LAM and wants to consider others || lam3==1 // OR did not leave with the method for any reason and wa` And 69 other symbols [67]	BOOLEAN moveon_3

METHOD: %METHOD4%

E // method 4 not contraindicated nor doesnt want to consider show_method4==true && // AND either: moved on from 3 ((v iew==2 && ((moveon_3==true) // OR moved on from 1 and methods 2 and 3 not shown (con [And 337 other symbols [43]](#)

STATIC TEXT

E view==2 && // AND there is a tie between 3 and 4 we can show method 4 tie45==true && show_method5==true

We think that the next two methods are equally well-suited, but we would like to start by discussing the %method4%.

Would you like to discuss the %method4%? E view==2	SINGLE-SELECT discuss4 01 ◯ Yes 00 ◯ No

---

STATIC TEXT

E (discuss4==1 && view==2)

Take the cue card for %method4% and go over the information on the front on:

. What the method is
. It's effectiveness
. Advantages and disadvantages

Pause and ask the client if she wants to continue.

If 'yes,' go over the information of the back of the cue card on:

. How to use the method
. Possible side effects
. Reasons to return to the provider

Answer any questions the client might have.

STATIC TEXT

E view==1

Take the cue card for %method4% and go over the information on:

. How to use the method
. Possible side effects
. Reasons to return to the provider

Answer any questions the client might have.

STATIC TEXT

E discuss4==0

Please ask the client about why she does not want to discuss the %method4%. If she has any misconceptions, please correct them.

If the client agrees to discuss the method, please change the answer of the question above back to "Yes".

If the client does not want to discuss the method, please record the main reason(s) below and move on to the next method.

Would you like to adopt %method4%? If you are not sure, we can discuss the next best method and we can always come back to this one. E (discuss4==1 || view==1)	SINGLE-SELECT adopt4 01 ◯ Yes, the client CHOSE to adopt the method 02 ◯ Maybe, but the client would like to discuss OTHER methods 00 ◯ No, the client does NOT want to adopt the method

---

Press here to randomize prices E adopt4==1 && view_prices==true && !IsAnswered(return_pri ces) && method4!="MAMA"	DATE: CURRENT TIME price4 ....

E `adopt4==1 && view_prices==true && (IsAnswered(price4) || IsAnswered(return_prices) || IsAnswered(price1) || IsAnswered(price2) || IsAnswered(price3) || IsAnswered(price5))`

Prices:

ALL prices below are valid for a period of ONE year, until %date1year%.

IUD : ~~5000 F~~ - %price_iud% F

IMPLANT : ~~5250 F~~ - %price_imp% F

Removal of the IUD or Implant is <u>free for life.</u>

INJECTABLE : %price_inj% F

PILL : %price_pill% F

Prices for the pill and injectable are valid for <u>4 cycles of adoptions</u> within ONE year, until %date1year%.

Please record the reason the client does not want to consider/adopt the %method4% ?

E `discuss4==0 || adopt4==0`

MULTI-SELECT — whynot4

- 01 ☐ Has used method before
- 02 ☐ Medical eligibility
- 10 ☐ Insertion (site or process)
- 11 ☐ Method is hormonal
- 03 ☐ Effectiveness
- 04 ☐ Discretion
- 05 ☐ Cost or price
- 13 ☐ Inconvenient
- 06 ☐ Side effects (pain, increased bleeding, cramps, weight gain, etc...)
- 08 ☐ Thinks method causes infertility
- 09 ☐ Thinks method causes other diseases (cancer, infections, etc...)
- 99 ☐ Other

Please specify the medical eligibility.

E `whynot4.Contains(2)`

TEXT — whynot4_med

....

Please specify the other reason(s).

E `whynot4.Contains(99)`

TEXT — whynot4_oth

....

STATIC TEXT

E `adopt4==1 && method4=="DIU - Cuivre" && // Birth date of last child was within 2 and 28 days ((IsAnswered(birth_date) && birth_date.Value.AddDays(28)>=interview_date && (birth_date.Value.AddHours` And 233 other symbols [71]

The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted.

STATIC TEXT

E `adopt4==1 && method4=="INJECTABLE" && // Birth date of last child was within 2 and 28 days ((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date && exclusive_breastfeeding.InLi` And 136 other symbols [72]

The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.

STATIC TEXT

E `adopt4==1`

Please proceed to administration of %method4%.

The client is also eligible for LAM. Please ask her if she would like to hear about it and if 'yes' please briefly counsel her using the cue card. Does the client also want to use LAM <u>in addition to</u> her chosen method? E `(adopt4==1 || q_version=="Reduced") && $IN_LAM && method 4!="MAMA" && patient_status=="New"`	SINGLE-SELECT also_lam4 01 ◯ Yes 00 ◯ No
Please confirm whether the client received the %method4% before leaving the facility? E `!((view==2 && method4_seq=="MAMA") || (view==1 && method 4_sbs=="MAMA")) && (adopt4==1)`	SINGLE-SELECT leave4 01 ◯ Yes 00 ◯ No
Would the client like to consider other methods to use along with, or following, LAM? E `((view==2 && method4_seq=="MAMA") || (view==1 && method4 _sbs=="MAMA")) && (adopt4==1)`	SINGLE-SELECT lam4 01 ◯ Yes 00 ◯ No
Why did the client not leave with this method? I Please correct any misconceptions before answering this question. E `leave4==0`	MULTI-SELECT whyleave4 01 ☐ Method out of stock 02 ☐ Cost 03 ☐ Medical eligibility 11 ☐ Client will adopt after delivery (immediate post-partum) 05 ☐ Client is pregnant (post-partum adoption) 07 ☐ Consult with partner 09 ☐ Consult with parents/guardian 10 ☐ Wants to think about it 99 ☐ Other
Please specify the medical eligibility. E `whyleave4.Contains(3)`	TEXT whyleave4_med ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯
Please specify the other reason. E `whyleave4.Contains(99)`	TEXT whyleave4_oth ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯
Does the client want to come back another time to be administered the %method4% OR Does the client want to consider other methods? E `leave4==0 && IsAnswered(whyleave4) && !whyleave4.Contain sAny(5,6,7,8,9,10,11)`	SINGLE-SELECT consider_comeback4 01 ◯ Come back another time to be administered the method 02 ◯ Consider other methods 03 ◯ Left without her method

STATIC TEXT

E `moveon_4==true && IsAnswered(whynot4)`

Please select the button below ("Method choice") to go to the page where the next method will be shown. Please click on the blue button for the next method

VARIABLE `// refused to discuss (discuss4==0) // OR does not want to adopt || adopt4.InList(0,2) // OR chose LAM and wants to consider others || lam4==1 // OR did not leave with t he method for any reason and` And 71 other symbols [68]	BOOLEAN moveon_4

METHOD CHOICE

METHOD: %METHOD5%

E // method 5 not contraindicated nor doesnt want to consider show_method5==true && // AND either: moved on from 4 ((view==2 && ((moveon_4==true) // OR moved on from 1 and methods 2, 3, and 4 not sh <u>And 520 other symbols [44]</u>

Would you like to discuss the %method5%?	SINGLE-SELECT	discuss5
E view==2	01 ◯ Yes 00 ◯ No	

STATIC TEXT

E (discuss5==1 && view==2)

Take the cue card for %method5% and go over the information on the front on:

. What the method is
. It's effectiveness
. Advantages and disadvantages

Pause and ask the client if she wants to continue.

If 'yes,' go over the information of the back of the cue card on:

. How to use the method
. Possible side effects
. Reasons to return to the provider

Answer any questions the client might have.

STATIC TEXT

E view==1

Take the cue card for %method5% and go over the information on:

. How to use the method
. Possible side effects
. Reasons to return to the provider

Answer any questions the client might have.

STATIC TEXT

E (discuss5==0)

Please ask the client about why she does not want to discuss the %method5%. If she has any misconceptions, please correct them.

If the client agrees to discuss the method, please change the answer of the question above back to "Yes".

If the client does not want to discuss the method, please record the main reason(s) below and move on to the next method.

Would you like to adopt %method5%? If you are not sure, we can discuss the next best method and we can always come back to this one. E (discuss5==1 || view==1)	SINGLE-SELECT	adopt5
	01 ◯ Yes, the client CHOSE to adopt the method 02 ◯ Maybe, but the client would like to discuss OTHER methods 00 ◯ No, the client does NOT want to adopt the method	

Press here to randomize prices	DATE: CURRENT TIME	price5
E adopt5==1 && view_prices==true && !IsAnswered(return_pri ces) && method5!="MAMA"	....	

STATIC TEXT

E adopt5==1 && view_prices==true && (IsAnswered(price5) || IsAnswered(return_prices) || IsAnswered(price1) || IsAnswer ed(price2) || IsAnswered(price3) || IsAnswered(price4))

Prices:

ALL prices below are valid for a period of ONE year, until %date1year%.

IUD : ~~5000 F~~ - %price_iud% F

IMPLANT : ~~5250 F~~ - %price_imp% F

Removal of the IUD or Implant is <u>free for life.</u>

INJECTABLE : %price_inj% F

PILL : %price_pill% F

Prices for the pill and injectable are valid for <u>4 cycles of adoptions</u> within ONE year, until %date1year%.

Please record the reason the client does not want to consider/adopt the %method5% ?	MULTI-SELECT	whynot5

E `discuss5==0|| adopt5==0`

- 01 ☐ Has used method before
- 02 ☐ Medical eligibility
- 10 ☐ Insertion (site or process)
- 11 ☐ Method is hormonal
- 03 ☐ Effectiveness
- 04 ☐ Discretion
- 05 ☐ Cost or price
- 13 ☐ Inconvenient
- 06 ☐ Side effects (pain, increased bleeding, cramps, weight gain, etc…)
- 08 ☐ Thinks method causes infertility
- 09 ☐ Thinks method causes other diseases (cancer, infections, etc…)
- 99 ☐ Other

Please specify the medical eligibility.

TEXT   whynot5_med

E `whynot5.Contains(2)`

....

Please specify the other reason(s).

TEXT   whynot5_oth

E `whynot5.Contains(99)`

....

STATIC TEXT

E `adopt5==1 && method5=="DIU - Cuivre" && // Birth date of last child was within 2 and 28 days ((IsAnswered(birth_date) ) && birth_date.Value.AddDays(28)>=interview_date && (birth_date.Value.AddHours` <u>And 233 other symbols [73]</u>

The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted.

STATIC TEXT

E `adopt5==1 && method5=="INJECTABLE" && // Birth date of last child was within 2 and 28 days ((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date && exclusive_breastfeeding.InLi` <u>And 136 other symbols [74]</u>

The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.

STATIC TEXT

E `adopt5==1`

Please proceed to administration of %method5%.

The client is also eligible for LAM. Please ask her if she would like to hear about it and if 'yes' please briefly counsel her using the cue card. Does the client also want to use LAM in addition to her chosen method? E `(adopt5==1 || q_version=="Reduced") && $IN_LAM && method 5!="MAMA" && patient_status=="New"`	SINGLE-SELECT also_lam5 01 ◯ Yes 00 ◯ No
Please confirm whether the client received the %method5% before leaving the facility? E `adopt5==1`	SINGLE-SELECT leave5 01 ◯ Yes 00 ◯ No
Would the client like to consider other methods to use along with, or following, LAM? E `((view==1 && method5_sbs=="MAMA")) && (adopt5==1)`	SINGLE-SELECT lam5 01 ◯ Yes 00 ◯ No
Why did the client not leave with this method? I Please correct any misconceptions before answering this question. E `leave5==0`	MULTI-SELECT whyleave5 01 ☐ Method out of stock 02 ☐ Cost 03 ☐ Medical eligibility 11 ☐ Client will adopt after delivery (immediate post-partum) 05 ☐ Client is pregnant (post-partum adoption) 07 ☐ Consult with partner 09 ☐ Consult with parents/guardian 10 ☐ Wants to think about it 99 ☐ Other
Please specify the medical eligibility. E `whyleave5.Contains(3)`	TEXT whyleave5_med ··
Please specify the other reason. E `whyleave5.Contains(99)`	TEXT whyleave5_oth ··
Does the client want to come back another time to be administered the %method5% OR Does the client want to consider other methods? E `leave5==0 && IsAnswered(whyleave5) && !whyleave5.Contain sAny(5,6,7,8,9,10,11)`	SINGLE-SELECT consider_comeback5 01 ◯ Come back another time to be administered the method 02 ◯ Consider other methods 03 ◯ Left without her method

STATIC TEXT

E `moveon_5==true && IsAnswered(whynot5)`

Please select the button below ("Method choice") to go to the page where the next method will be shown. Please click on the blue button for the next method

VARIABLE `// refused to discuss (discuss5==0) // OR does not want to adopt || adopt5.InList(0,2) // OR chose LAM and wants to consider others (only for sbs) || lam5==1 // OR did n ot leave with the method for` And 86 other symbols [69]	BOOLEAN moveon_5

VARIABLE	BOOLEAN	choice_made

(adopt1==1 && (leave1==1 || lam1==1 || (leave1==0 && (consider_comeback1.InList(1,3) || whyleave1.ContainsAny(5,6,7,8,9,10,11))))) || (adopt2==1 && (leave2==1 || lam2==1 || (leave2==0 && (consider_com

And 467 other symbols [70]

	DATE: CURRENT TIME	sbs_none

Please press the button below if the client is <u>NOT</u> interested in <u>discussing</u> any of the methods above.

E ((view==1 && choice_made==false) || // all methods not shown (view==1 && show_method1==false && show_method2==false && show_method3==false && show_method4==false && show_method5==false)) // wants a n And 33 other symbols [37]

....

	MULTI-SELECT	no_method

Are you interested in any of these other methods?

Please take the cue cards for the remaining methods out and use them to counsel the client on the methods she would like to hear about. Then, select the method(s) that the client is willing to use.

E ((moveon_1==true || show_method1==false) && (moveon_2==true || show_method2==false) && (moveon_3==true || show_method3==false) && (moveon_4==true || show_method4==false) && (moveon_5==true || show_met And 52 other symbols [38]

- 01 ☐ Male Condoms
- 02 ☐ Female Condoms
- 03 ☐ Standard days method (Calendar)
- 04 ☐ Spermicide
- 05 ☐ Withdrawal method
- 06 ☐ Emergency contraceptive pill
- 99 ☐ Other
- 00 ☐ None

	TEXT	nomethod_sp

Please specify the other method.

E no_method.Contains(99)

....

	DATE: CURRENT TIME	view_prices_mc

Press the button below if you would like to view the prices offered for one of the modern methods:

E view_prices==true && choice_made==false

....

STATIC TEXT

E IsAnswered(view_prices_mc) || (IsAnswered(price1) || IsAnswered(price2) || IsAnswered(price3) || IsAnswered(price4) || IsAnswered(price5))

Prices:

ALL prices below are valid for a period of ONE year, until %date1year%.

IUD : ~~5000 F~~ - %price_iud% F

IMPLANT : ~~5250 F~~ - %price_imp% F

Removal of the IUD or Implant is <u>free for life.</u>

INJECTABLE : %price_inj% F

PILL : %price_pill% F

Prices for the pill and injectable are valid for <u>4 cycles of adoptions</u> within ONE year, until %date1year%.

STATIC TEXT

E // for sequential view (view==2 && //foreach, either left with method OR will come back to get it administered (leave1==1 || (leave1==0 && (consider_comeback1.InList(1,3) || whyleave1.ContainsAny(5,6, And 1038 other symbols [62]

The consultation has ended

Please press the button below to record the end date and time of the consultation.

DATE: CURRENT TIME

interview_end

E `// for sequential view (view==2 && //foreach, either left with method OR will come back to get it administered ( leave1==1 || (leave1==0 && (consider_comeback1.InList(1, 3) || whyleave1.ContainsAny(5,6,` And 1038 other symbols [39]

Did you discuss safe sex and the importance of dual protection with the client? If not please discuss with the client.

SINGLE-SELECT

dual_protection

01 ◯ Yes

00 ◯ No

E `IsAnswered(interview_end)`

Have you provided the client with condoms? If not please provide condoms to the client.

SINGLE-SELECT

provided_condoms

01 ◯ Yes

00 ◯ No

E `IsAnswered(dual_protection)`

STATIC TEXT

CONFIRMATION

E `pledge.ContainsAll (1,2,3,4,5)`

STATIC TEXT

E `path==99`

The section "Administrative info" was not completed! If possible, please go back and finish.

STATIC TEXT

E `//full and reduced consultation (path.InList(1,2,3) && path!=99 && move_on_fert==false && end_in_fert==false) || //discuss consultation (path.InList(4) && move_on_med_discuss==true && move_on_fert_d` [And 37 other symbols [75]](#)

The section "Fertility and Births" was not fully completed! If possible, please go back and finish.

STATIC TEXT

E `//full consultation (path.InList(1,2) && move_on_fert==true && move_on_to_med==false && end_in_consultation==false) || //discuss consultation (path.InList(4) && move_on_med_discuss==false && end_in_` [And 21 other symbols [76]](#)

The section "Consultation" was not fully completed! If possible, please go back and finish.

STATIC TEXT

E `//full consultation (path.InList(1,2) && move_on_to_med==true && (!IsAnswered(sys_bp) || !IsAnswered(dia_bp))) || //reduced consultation (path.InList(3) && move_on_fert==true && (!IsAnswered(sys_bp)` [And 181 other symbols [77]](#)

The section "Medical Exam" was not fully completed! If possible, please go back and finish.

STATIC TEXT

E `//full consultation (path.InList(1,2,3,4) && IsAnswered(sys_bp) && IsAnswered(dia_bp) && ((view_prices==false && !IsAnswered(interview_end)) || (view_prices==true && !IsAnswered(interview_en` [And 6 other symbols [78]](#)

The section "Method choice" was not fully completed! If possible, please go back and finish.

VARIABLE	LONG	desired_children
`(IsAnswered(ideal_num_children) & number_children>=0) ? number_children + ideal_num_children : (IsAnswered(ideal_num_children) & number_children<0) ? number_children : -99`		

VARIABLE	STRING	profession_register
`(profession_cat.InList(1,2,3,99)) ? profession_sp : (profession_cat.InList(4)) ? "Menagere" : (profession_cat.InList(5)) ? "Étudiante" : (profession_cat.InList(6)) ? "Apprentissage ou formation " : (p` [And 48 other symbols [71]](#)		

VARIABLE	STRING	pec
`(path.InList(1,2) && current_method_list.InList(1,2,3,4) && method_experience==2 && IsAnswered(issue_method)) || (path==4 && current_method_list_r.InList(1,2,3,4) && IsAnswered(issue_method_r)) ?` [And 14 other symbols [72]](#)		

VARIABLE	STRING	pecoc
`(IsAnswered(pec_coc) && pec_coc==1) ? "Oui" : (IsAnswered(pec_coc2) && pec_coc2==1) ? "Oui" : (IsAnswered(pec_coc) && pec_coc==0) ? "Non" : (IsAnswered(pec_coc2) && pec_coc2==0) ? "Non" : "Non"`		

VARIABLE	STRING	price_coc_pec
`//new clients get full price (patient_status=="New") ? "500 CFA" : // return clients get whatever price they got randomized into the first time (patient_status=="Return" && path.InList(2,4) && return` [And 292 other symbols [73]](#)		

VARIABLE	STRING	removal_price
(patient_status=="New") ? "Prix normal" : (patient_status=="Return") ? "0 CFA - Gratuit" : "Prix normal" // (interview_date.Value.Date>=experiment_start_date.Value.Date) ? "0 CFA - Gratuit" : "Prix And 8 other symbols [74]		

VARIABLE	BOOLEAN	removal_ask
// intro removal OR in consultation quick removal path==5 || method_experience==3 || // NEW clients // happy client who needs to renew (current_method_list.InList(1,2) && method_experience==1 && And 849 other symbols [75]		

VARIABLE	STRING	removal_s
(IsAnswered(removal) && removal==0) ? "Non" : (IsAnswered(removal) && removal==1) ? "Oui" : (!IsAnswered(removal) && removal_ask==true) ? "Retrait a confirmer en dessous" : "Non"		

STATIC TEXT

E view_text==true

Ask about removal: %removal_ask%

STATIC TEXT

E path.InList(1,2,3,4,5)

Info registre

Today's date: %today%

Name: %name%
Date of Birth: %woman_birth_date_string% / age : %age%
Telephone: %phone%
Marital status: %marital_status%
Education: %education_level%
Profession: %profession_register%
Religion: %religion%
Neighbourhood: %neighbourhood%
Parity:
- Pregnancies: %number_pregnancies%
- Abortions: %number_abortions%
- Children: %number_children%
Date of birth of last child: %birth_date%
Desired num. of children: %desired_children%
BP: %sys_bp% / %dia_bp%
Height %height% / weight: %weight%
Pulse: %pulse% / temperature: %temperature%

Prise en charge: %pec%
- prescrit la COC: %pecoc%
(prix par plaquette: %price_coc_pec%)

Removal: %removal_s%
Price of removal: %removal_price%
(removals are free if method was adopted during the project at HGOPY)

Numero de dossier:	TEXT	numero_dossier2
E !IsAnswered(numero_dossier)	....	

VARIABLE	STRING	C
//not in age range (!age.InRange(15,49)) ? "Non" : // return client use consent past (patient_status=="Return" && consent_ask==true && consent_past==1) ? "Oui" : (patient_status=="Return" && consent And 1632 other symbols [76]		

VARIABLE	STRING	name
`(C=="Oui" && IsAnswered(name_start)) ? name_start : (C=="N/A" && IsAnswered(name_start)) ? name_start : //(C=="Oui" && IsAnswered(name_end)) ? name_end : (C=="Oui" && consent_past==1) ? name_return :` And 5 other symbols [77]		

VARIABLE	STRING	phone
`(C=="Oui" && IsAnswered(phone_start)) ? phone_start : (C=="N/A" && IsAnswered(phone_start)) ? phone_start : //(C=="Oui" && IsAnswered(phone_end)) ? phone_end : (C=="Oui" && consent_past==1) ? phone_re` And 12 other symbols [78]		

STATIC TEXT

E `// return clients ALWAYS get a carton patient_status=="New" && // if client ends in the fertility bit (i.e. pregnant and doesn't want to continue) OR during FP consultation (move_on_to_med==false ||` And 48 other symbols [79]

The client does NOT need a carton for this consultation.

STATIC TEXT

E `move_on_to_choice==true && patient_status=="New"`

Info carton

Name: %name%
Date of Birth: %woman_birth_date_string% / age : %age%
DM: %DM%

Consent: %C%
View: %view_r%
Prices: %price_card%

Date de visite: %today%
Code: %n1% - %n2% - %n3% - %n4%

Code registre:
%n1%-%n2%-%n3%-%n4% V:%view_r% P%price_card% C:%C%

STATIC TEXT

E `patient_status=="Return"`

Info carton

Name: %name%
Date of Birth: %woman_birth_date_string% / age: %age%
DM: %DM%

Consent: %C%
View: %view_past%
Prix: %return_prices%

Code: %n1% - %n2% - %n3% - %n4%
Date de visite: %today%

Code registre:
%n1%-%n2%-%n3%-%n4% V:%view_past% P%return_prices% C:%C%

Did the client get her current method removed? Price of removal: %removal_price% E removal_ask==true	SINGLE-SELECT removal 01 ◯ Yes 00 ◯ No
Please confirm the CHOSEN METHOD. - The method that the client <u>wants</u> to adopt, even if she adopted another method - If the client is already using a method and chose to <u>continue</u> using it, then select this method - If the client <u>discontinued</u> a method, then select "none"	SINGLE-SELECT confirm_chosen_method 01 ◯ IUD 02 ◯ Implant 03 ◯ Pill - COC 04 ◯ Pill - POP 05 ◯ Injectable 99 ◯ Other 00 ◯ None
Please specify the other method E confirm_chosen_method==99	TEXT confirm_other_method_ch ....
Please confirm the ADOPTED METHOD. - The adopted method is the one the client adopted - If the client will <u>return</u> later to adopt a method, then select "None" E confirm_chosen_method.InList(1,2,3,4,5,99) V1 !(confirm_chosen_method==0 && self.InList(1,2,3,4,5,99)) M1 If the client did not choose a method then she cannot have adopted a method, please go back and check!	SINGLE-SELECT confirm_adopted_method -01 ◯ Same as chosen method 01 ◯ IUD 02 ◯ Implant 03 ◯ Pill - COC 04 ◯ Pill - POP 05 ◯ Injectable 99 ◯ Other 00 ◯ None
How many cycles of the pill did the client purchase? E confirm_adopted_method.InList(3,4) || (confirm_chosen_method.InList(3,4) && confirm_adopted_method==-1) V1 self>=0 M1 Value cannot be negative! W2 self<10 M2 This seems like a very high value! Are you sure it is correct?	NUMERIC: INTEGER pill_howmany –
Please specify the other method E confirm_adopted_method==99	TEXT confirm_other_method_ad ....
Did the client also choose to adopt LAM? E // fulfills LAM conditions ($IN_LAM)	SINGLE-SELECT lam_chosen 01 ◯ Yes 00 ◯ No

APPENDIX A — ENABLING CONDITIONS

[1] what_to_do_xx: What would you like to do?
Enablement Condition:

```
patient_status=="Return" && lam_return_method.InList(0) &&
// X X chose and adopted the same thing
((chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4)
    && chosen_return_method==adopted_return_method))
```

[2] what_to_do_xy: What would you like to do?
Enablement Condition:

```
patient_status=="Return" && lam_return_method.InList(0) &&
// X Y chose something and adopted something different
(chosen_return_method.InList(1,2,3,4,5) && adopted_return_method.InList(1,2,3,4,5)
    && chosen_return_method!=adopted_return_method)
```

[3] what_to_do_lam: What would you like to do?
Enablement Condition:

```
patient_status=="Return" && lam_return_method.InList(1) && (
// LAM and none
chosen_return_method.InList(0) ||
// LAM and chosen but doesn't want to adopt chosen
(chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(0) && return_adopt.InList(0)) ||
// LAM and chosen and adopted
(chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4)))
```

[4] phone_other_start: Phone number ALTERNATIVE:
Enablement Condition:

```
patient_status=="New" &&
// adult consented
((consent_start==1 && (age>=18 || (age.InRange(15,17) && non_emancipated_minor==false))) ||
//minor consented
(consent_start==1 && consent_parents_start==1 &&
    (age.InRange(15,17) && non_emancipated_minor==true)))
```

[5] phone_other_notes_start: Whose phone is this?
Enablement Condition:

```
patient_status=="New" &&
// adult consented
((consent_start==1 && (age>=18 || (age.InRange(15,17) && non_emancipated_minor==false))) ||
//minor consented
(consent_start==1 && consent_parents_start==1 &&
    (age.InRange(15,17) && non_emancipated_minor==true)))
```

[6] spacing_info: How long would you like to wait before getting pregnant?
Enablement Condition:

```
//wants more children and has answered ideal number (currently pregnant or not)
((pregnant_client==0 && more_children.InList(1,2) && IsAnswered(ideal_num_children))
    || (pregnant_client==1 && more_children_pregnant.InList(1,2) && IsAnswered(ideal_num_children)))
```

[7] number_children: How many biological living children do you have?
Enablement Condition:

```
// has been pregnant & has had 0 or >0 abortions
number_pregnancies>0 && IsAnswered(number_abortions) &&
// pregnancies were not all aborted,
!(number_abortions==number_pregnancies && number_abortions!=0 && number_pregnancies!=0) &&
// if the client is pregnant, then pregnancies + abortions do not equal
!(number_pregnancies==number_abortions+pregnant_dummy)
```

[8] last_menstrual: Thinking of your most recent menstrual period, did it start sometime within the last 7 days (%day_menstrual%)?
Enablement Condition:

```
// Never gave birth or all pregnancies were aborted
(number_pregnancies==0 || (number_pregnancies==number_abortions && IsAnswered(number_abortions) &&
pregnant_client==0))
// OR had pregnancies and abortions but never gave a live/still birth
|| (number_pregnancies>0 && number_children==0 && birth_ever==0)
// OR gave birth more than 6 months ago
|| ((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && (birth_date.Value.AddMonths(6)
<interview_date))
// OR gave birth within 6 months and answered breastfeeding question
|| ((birth_ever_last6m==1 || birth_ever==1 || number_children>0) &&
(birth_date.Value.AddMonths(6)>=interview_date)
    && IsAnswered(exclusive_breastfeeding) && had_menstrual.InList(1))
// OR return patient who has never given birth
|| (patient_status=="Return"  && birth_ever_last6m==0)
```

[9] abstinence2: Have you had sexual relations since your most recent birth?
Enablement Condition:

```
// has given birth AND has not had menstrual bleeding since most recent birth
((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && had_menstrual.InList(0)) &&
// AND birth was less than 6 months ago & not fully breastfeeding
((birth_date.Value.AddMonths(6)>=interview_date && exclusive_breastfeeding.InList(2,0)) ||
// OR birthdate was between 3 and 6 months and fully breastfeeding
(birth_date.Value.AddMonths(6)>=interview_date && birth_date.Value.AddMonths(3)<=interview_date
&& exclusive_breastfeeding.InList(1)))
```

[10] current_method: Are you <u>currently</u> using a method for family planning?
Enablement Condition:

```
move_on_fert==true && path.InList(1,2) &&
// dont ask for clients who gave birth within one week
!(IsAnswered(birth_date) && birth_date.Value.AddDays(7)>=interview_date) &&
// dont ask if pregnant
(pregnant==false)
```

[11] ok_discuss_method1bi: It's great that you have been using LAM. However, there are longer term methods to prevent unwanted pregnancies which may be even more suitable for you. Plus, you can use these methods in addition to LAM, which will provide you with even more protection against unwanted pregnancies.

 Is it OK if we discuss some of those methods?
Enablement Condition:

```
// uses a traditional method
current_method_list.InList(6) && IsAnswered(duration_mc) && duration_mc.InList(1,2) &&
// is eligible for LAM
((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date) &&
birth_date.Value.AddMonths(6)>=interview_date
    && exclusive_breastfeeding.InList(1) && had_menstrual.InList(0))
```

[12] ok_discuss_method1bii: It's great that you have been using LAM. However, <u>you have been using LAM for more than 6 months,</u> it is not protecting you against unwanted pregnancies any more.

 Fortunately, there are very effective and longer term methods to prevent unwanted pregnancies, is it OK if we discuss some of those methods?
Enablement Condition:

```
// uses a traditional method
current_method_list.InList(6) && IsAnswered(duration_mc) && duration_mc.InList(3) &&
// is eligible for LAM
((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date) &&
birth_date.Value.AddMonths(6)>=interview_date
    && exclusive_breastfeeding.InList(1) && had_menstrual.InList(0))
```

[13] ok_discuss_method4: It's great that you have been using LAM. However, it is not protecting you against unwanted pregnancies any more.

 Fortunately, there are longer term methods to prevent unwanted pregnancies which may be even more suitable for you.

 Is it OK if we discuss some of those methods?
Enablement Condition:

```
(current_method_list.InList(6) &&
//Gave birth in last 6 months AND fully breastfeeding AND has not menstruated yet
!(((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date) &&
birth_date.Value.AddMonths(6)>=interview_date
    && exclusive_breastfeeding.InList(1) && had_menstrual.InList(0))))
```

[14] interview_end3: <big>The consultation is finished.</big>

 Please press the button below to record the end date and time of the consultation.
Enablement Condition:

```
(
// first time client who wants to get pregnant
(method_experience.InList(3) || like_to_do.InList(3)) ||
// first time client who continued a LARC but does not want to renew
(renew_larc==0) ||
// LARC not due for renewal (not even within 6 months) and happy with it
((continue_method.InList(1) || use_see_improve.InList(1) || method_experience.InList(1)) && larc_renewal_due==0)
||
// any client that doesn't want to discuss other methods
ok_discuss_method2==0 ||
// first time client who continued a sarc not due for renewal
(like_to_do==1 && renew_sarc==0) || (discuss_non_larc==0 && renew_sarc==0) ||
// client using non-modern method who does not want to consider for sure any methods
probe_discuss==1)
```

[15] pec_coc: Did you prescribe a cycle of the COC? (price per cycle: <u>%price_coc_pec%</u>)
Enablement Condition:

```
// having side effects issues with implant or IUD, not due for renewal
current_method_list.InList(1,2) && larc_renewal_due.InList(0,2) && method_experience.InList(2) &&
    issue_method.Contains(2) && IsAnswered(side_effects)
    && (use_see_improve==1 || continue_method==1)
```

[16] provided_condoms4: Have you provided the client with condoms? If not please provide condoms to the client.
Enablement Condition:

```
(
// first time client who wants to get pregnant
(method_experience.InList(3) || like_to_do.InList(3)) ||
// first time client who continued a LARC but does not want to renew
(renew_larc==0) ||
// LARC not due for renewal (not even within 6 months) and happy with it
```

```
((continue_method.InList(1) || use_see_improve.InList(1) || method_experience.InList(1)) && larc_renewal_due==0)
||
// any client that doesn't want to discuss other methods
ok_discuss_method2==0 ||
// first time client who continued a sarc not due for renewal
(like_to_do==1 && renew_sarc==0) || (discuss_non_larc==0 && renew_sarc==0) ||
// client using non-modern method who does not want to consider for sure any methods
probe_discuss==1)
```

[17] method_in_mind: Is there a specific method you <u>absolutely</u> want to adopt?
Enablement Condition:

```
// not using anything
(current_method.InList(0) || current_method_list.InList(0))
// willing to discuss
|| (ok_discuss_method1a==1 || ok_discuss_method1bi==1 || ok_discuss_method1bii==1)
|| ok_discuss_method2==1 || ok_discuss_method3==1 || ok_discuss_method4==1
// ask straight up if client gave birth within one week
|| (IsAnswered(birth_date) && birth_date.Value.AddDays(7)>=interview_date)
// or if client is pregnant
|| (pregnant==true)
```

[18] right_method4_elig: It's great that you are considering LAM. However, you can only use LAM for a limited period (up to 6 months) and there are various conditions for it to work.

 There are more effective methods to prevent unintended pregnancies, which may be even more suitable for you. You can also use these other methods as a complement to LAM.

 To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?
Enablement Condition:

```
method_mind_list.InList(6) &&
//Gave birth in last 6 months AND fully breastfeeding AND has not menstruated yet
(((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date) &&
birth_date.Value.AddMonths(6)>=interview_date
    && exclusive_breastfeeding.InList(1) && had_menstrual.InList(0))
// OR client is pregnant
 || (pregnant_client==1 || pregnancy_test_result==1))
```

[19] right_method4_inelig: It's great that you were considering LAM. However, as I explained to you, you are currently not eligible to use this method.

 Fortunately, there are more effective methods to prevent unintended pregnancies, which may be even more suitable for you.

 To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?
Enablement Condition:

```
method_mind_list.InList(6) &&
//Gave birth in last 6 months AND fully breastfeeding AND has not menstruated yet
!(((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date) &&
birth_date.Value.AddMonths(6)>=interview_date
    && exclusive_breastfeeding.InList(1) && had_menstrual.InList(0))
// OR client is pregnant
 || (pregnant_client==1 || pregnancy_test_result==1))
```

[20] increased_bleeding: Some methods can cause increased menstrual bleeding and cramping, though this effect subsides for most women after the first three months.

 How much will it bother you if you experience increased cramping or bleeding during the first three months?
Enablement Condition:

```
// willing to discuss if not using any
probe_discuss==0 ||
// no method in mind in after ok_discuss_1-2-3
method_in_mind==0 ||
// non-LARC in mind and willing to listen
right_method ==1 || right_method2 ==1 || right_method3 ==1
|| right_method4_elig == 1 || right_method4_inelig == 1
// unhappy with pill
|| like_to_do == 2
// happy with pill but willing to discuss larc
|| (current_method_list.InList(3,4) && method_experience==1 && discuss_non_larc==1)
```

[21] issue_method_r: What issues are you having with the %current_method_list_r%?
Enablement Condition:

```
// LARC or SARC
(current_method_list_r.InList(1,2,3,4) &&
    (IsAnswered(duration_mc_r) || IsAnswered(date_insertion_larc_r)))
// lAM
|| (current_method_list_r.InList(6) && IsAnswered(duration_mc_r))
```

[22] lam_adopt_chosen: In your last consultation you had chosen the %chosen_return_method%, would you like to adopt this method today?
Enablement Condition:

```
current_method_list_r.InList(6) && IsAnswered(issue_method_r) && duration_mc_r.InList(1,2,3) &&
// LAM if LAM and chosen none
((lam_return_method==1 && chosen_return_method.InList(1,2,3,4) && adopted_return_method==0) ||
// x y want to adopt y?
(chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4)
    && chosen_return_method!=adopted_return_method))
```

[23] lam_renew_method: Does the client want to renew the %adopted_return_method% ?
Enablement Condition:

```
current_method_list_r.InList(6) && IsAnswered(issue_method_r) && duration_mc_r.InList(1,2,3) &&
// X X
((chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4)
```

```
        && adopted_return_method==chosen_return_method) ||
// X Y and does not want to adopt X
(chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4)
    && chosen_return_method!=adopted_return_method && lam_adopt_chosen==0))
```

[24] ok_discuss_method1biii_r: Would the client like to consider other methods?
Enablement Condition:

```
current_method_list_r.InList(6) && duration_mc_r.InList(1,2,3) &&
// LAM and XY but doesn't want to adopt X nor renew Y
((chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4) &&
chosen_return_method!=adopted_return_method
 && lam_adopt_chosen==0 && lam_renew_method==0) ||
 // LAM and XX but doesn't want to renew X
 (chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4) &&
chosen_return_method==adopted_return_method
 && lam_renew_method==0))
```

[25] ok_discuss_method1bi_r: Is it OK if we discuss some of those other methods?
Enablement Condition:

```
current_method_list_r.InList(6) && IsAnswered(issue_method_r) && duration_mc_r.InList(1,2,3) &&
// LAM if LAM and chosen none
((lam_return_method==1 && chosen_return_method==0) ||
 // LAM and chosen but doesn't want to adopt that one
(chosen_return_method.InList(1,2,3,4) && adopted_return_method==0 && lam_adopt_chosen==0))
```

[26] like_to_do_r: What would you like to do?
Enablement Condition:

```
// SARC users
(current_method_list_r.InList(3,4) && IsAnswered(issue_method_r)) ||
// or LAM users that are still eligible
(current_method_list_r.InList(6) && duration_mc_r.InList(1,2) && ok_discuss_method1bi_r.InList(0))
```

[27] probe_discuss_r: You may have an unwanted pregnancy with your current birth control method. Are you sure you don't want to consider a more effective and convenient method that is suitable for you?
Enablement Condition:

```
// uses a traditional method and does not want to discuss
ok_discuss_method1a_r.InList(0) ||
// lam cases with more than 6 months
(duration_mc_r==3 && (ok_discuss_method1bi_r==0 || ok_discuss_method1biii_r==0))
```

[28] interview_end8: <big>The consultation is finished.</big>

 Please press the button below to record the end date and time of the consultation.
Enablement Condition:

```
patient_status=="Return" && (
// discontinue and dont consider other methods
(like_to_do_r.InList(3)) ||
// first time client who continued a LARC but not due for renewal
renew_larc_r==0 ||
// LARC not due for renewal (not even within 6 months) and willing to continue
((continue_method_r.InList(1) || use_see_improve_r.InList(1)) && larc_renewal_due_r==0) ||
// LARC user unwilling to continue and consider other methods
ok_discuss_method2_r==0 ||
// client who continued a sarc not due for renewal
(like_to_do_r==1 && renew_sarc_r==0) ||
// trad. method user or LAM user for more than 6 months unwilling to consider any method at all
probe_discuss_r==1 ||
// LAM users
// using and eligible and will just continue LAM
(current_method_list_r.InList(6) && like_to_do_r.InList(1)) ||
//
(current_method_list_r.InList(6)
    // X 0 case,
    && (lam_adopt_chosen==1 && chosen_return_method.InList(1,2,3,4) && adopted_return_method==0
        && lam_adopt_chosen==0 && ok_discuss_method1biii_r==0) ||
    // X X case
        (chosen_return_method.InList(1,2,3,4) && chosen_return_method==adopted_return_method
        && lam_renew_method==0 && ok_discuss_method1biii_r==0) ||
    // X Y case
        (chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4) &&
chosen_return_method!=adopted_return_method
        && lam_adopt_chosen==0 && lam_renew_method==0 && ok_discuss_method1biii_r==0))
)
```

[29] pec_coc2: Did you prescribe a cycle of the COC? (price per cycle: <u>%price_coc_pec%</u>)
Enablement Condition:

```
// having side effects issues with implant or IUD, not due for renewal
current_method_list_r.InList(1,2) && larc_renewal_due_r.InList(0,2) &&
    issue_method_r.Contains(2) && IsAnswered(side_effects_r)
    && (use_see_improve_r==1 || continue_method_r==1)
```

[30] provided_condoms5: Have you provided the client with condoms? If not please provide condoms to the client.
Enablement Condition:

```
patient_status=="Return" && (
// discontinue and dont consider other methods
(like_to_do_r.InList(3)) ||
// first time client who continued a LARC but not due for renewal
renew_larc_r==0 ||
// LARC not due for renewal (not even within 6 months) and willing to continue
((continue_method_r.InList(1) || use_see_improve_r.InList(1)) && larc_renewal_due_r==0) ||
// LARC user unwilling to continue and consider other methods
ok_discuss_method2_r==0 ||
// client who continued a sarc not due for renewal
(like_to_do_r==1 && renew_sarc_r==0) ||
// trad. method user or LAM user for more than 6 months unwilling to consider any method at all
probe_discuss_r==1 ||
// LAM users
// using and eligible and will just continue LAM
(current_method_list_r.InList(6) && like_to_do_r.InList(1)) ||
//
(current_method_list_r.InList(6)
   // X 0 case,
   && (lam_adopt_chosen==1 && chosen_return_method.InList(1,2,3,4) && adopted_return_method==0
       && lam_adopt_chosen==0 && ok_discuss_method1biii_r==0) ||
   // X X case
     (chosen_return_method.InList(1,2,3,4) && chosen_return_method==adopted_return_method
       && lam_renew_method==0 && ok_discuss_method1biii_r==0) ||
   // X Y case
     (chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4) &&
chosen_return_method!=adopted_return_method
       && lam_adopt_chosen==0 && lam_renew_method==0 && ok_discuss_method1biii_r==0))
)
```

[31] method_in_mind_r: Is there a specific method you <u>absolutely</u> want to adopt?
Enablement Condition:

```
// not using anything
(current_method_list_r.InList(0))
// willing to discuss
|| ok_discuss_method1a_r==1
|| ok_discuss_method2_r==1
|| ok_discuss_method1bi_r==1
|| ok_discuss_method1biii_r==1
// wants to change
|| like_to_do_r==2 || like_to_do_r==4
// came to adopt a method after LAM
|| (current_method_list_r.InList(6) && IsAnswered(duration_mc_r) && what_to_do_lam.InList(1))
```

[32] increased_bleeding_r: Some methods can cause increased menstrual bleeding and cramping, though this effect subsides for most women after the first three months.

 How much will it bother you if you experience increased cramping or bleeding during the first three months?
Enablement Condition:

```
// willing to discuss if not using any
probe_discuss_r==0 ||
// no method in mind in after ok_discuss_1-2-3
method_in_mind_r==0 ||
// non-LARC in mind and willing to listen
right_method_r ==1 || right_method2_r ==1 || right_method3_r ==1
|| right_method4_r == 1
```

[33] spacing_info2: How long would you like to wait before getting pregnant?
Enablement Condition:

```
//wants more children and has answered ideal number (currently pregnant or not)
((pregnant_client2==0 && more_children2.InList(1,2) && IsAnswered(ideal_num_children2))
     || (pregnant_client2==1 && more_children_pregnant2.InList(1,2) && IsAnswered(ideal_num_children2)))
```

[34] birth_ever_last6m2: Have you given a live or still birth in the last 6 months (after the %date_6m%)?
Enablement Condition:

```
// only for discuss version
((q_version=="Discuss" && (IsAnswered(spacing_info2) || more_children2==0))
// reduced go straight to this?
|| (path==3))
// don't ask for pregnant people
&& pregnant_client2==0
```

[35] last_menstrual2: Thinking of your most recent menstrual period, did it start sometime within the last 7 days (%day_menstrual_r%)?
Enablement Condition:

```
// OR gave birth more than 6 months ago
birth_ever_last6m2==0
// OR MISTAKEN ABOUT DATE AND GAVE BIRTH MORE THAN 6 months ago
|| (birth_ever_last6m2==1 && birth_date2.Value.AddMonths(6)<interview_date)
// OR gave birth within 6 months and answered breastfeeding question
|| (birth_ever_last6m2==1 && birth_date2.Value.AddMonths(6)>=interview_date
     && IsAnswered(exclusive_breastfeeding2) && had_menstrual2.InList(1))
```

[36] abstinence222: Have you had sexual relations since your most recent birth?
Enablement Condition:

```
// has given birth AND has not had menstrual bleeding since most recent birth
birth_ever_last6m2==1 && had_menstrual2.InList(0) &&
// AND birth was less than 6 months ago & not fully breastfeeding
```

```
((birth_date2.Value.AddMonths(6)>=interview_date && exclusive_breastfeeding2.InList(2,0)) ||
// OR birthdate was between 3 and 6 months and fully breastfeeding
(birth_date2.Value.AddMonths(6)>=interview_date && birth_date2.Value.AddMonths(3)<=interview_date
&& exclusive_breastfeeding2.InList(1)))
```

[37] sbs_none: Please press the button below if the client is <u>NOT</u> interested in <u>discussing</u> any of the methods above.
Enablement Condition:

```
((view==1 && choice_made==false) ||
// all methods not shown
(view==1 && show_method1==false && show_method2==false && show_method3==false && show_method4==false &&
show_method5==false))
// wants a non modern method
&& !$JNonModern
```

[38] no_method: Are you interested in any of these other methods?

 Please take the cue cards for the remaining methods out and use them to counsel the client on the methods she would like to hear about. Then, select the method(s) that the client is willing to use.
Enablement Condition:

```
((moveon_1==true || show_method1==false) && (moveon_2==true || show_method2==false) &&
(moveon_3==true || show_method3==false) && (moveon_4==true || show_method4==false) &&
(moveon_5==true || show_method5==false)) || IsAnswered(sbs_none) || $JNonModern
```

[39] interview_end: Please press the button below to record the end date and time of the consultation.
Enablement Condition:

```
// for sequential view
(view==2 &&
//foreach, either left with method OR will come back to get it administered
(leave1==1 || (leave1==0 && (consider_comeback1.InList(1,3) || whyleave1.ContainsAny(5,6,7,8,9,10,11)))) ||
(leave2==1 || (leave2==0 && (consider_comeback2.InList(1,3) || whyleave2.ContainsAny(5,6,7,8,9,10,11)))) ||
(leave3==1 || (leave3==0 && (consider_comeback3.InList(1,3) || whyleave3.ContainsAny(5,6,7,8,9,10,11)))) ||
(leave4==1 || (leave4==0 && (consider_comeback4.InList(1,3) || whyleave4.ContainsAny(5,6,7,8,9,10,11)))) ||
(leave5==1 || (leave5==0 && (consider_comeback5.InList(1,3) || whyleave5.ContainsAny(5,6,7,8,9,10,11)))) ||
// OR moved on / was ineligible for all methods
(((moveon_1==true || show_method1==false) && (moveon_2==true || show_method2==false) &&
(moveon_3==true || show_method3==false) && (moveon_4==true || show_method4==false) &&
(moveon_5==true || show_method5==false)) && IsAnswered(no_method)) ||
// OR chose LAM and does not want to consider any others
(lam1==0 || lam2==0 || lam3==0 || lam4==0 || lam5==0) ||
// OR did not choose a method
(IsAnswered(no_method))) ||
// for side by side view
((view==1 && choice_made==true) || (view==1 && IsAnswered(sbs_none) && IsAnswered(no_method)))
```

[40] : Medical exam
Enablement Condition:

```
// (pregnant==false || pregnant2==false) &&
// reduced conversation went through fertility
((move_on_fert==true && path.InList(3))
// full consultation went through consultation
|| (move_on_to_med==true && path.InList(1,2))
// discuss consultation went through consultation
|| (move_on_med_discuss==true && move_on_fert_discuss==true && path.InList(4)))
```

[41] : Method choice
Enablement Condition:

```
// normal route
move_on_to_choice==true  //||
// pregnant and did consultation (skip medical_history)
//(pregnant==true && move_on_to_med==true) ||
// return client pregnant (skip medical_history)
//(pregnant2==true && move_on_fert_discuss==true)
```

[42] : Method: %method3%
Enablement Condition:

```
// Method 3 not contraindicated
show_method3==true &&
// AND view is SEQ and
//either: moved on from 2
((view==2 && ((moveon_2==true)
// moved on from 1 and method 2 is contraindicated
|| (moveon_1==true && show_method2==false)
// method 1 and 2 are not shown
|| (show_method1==false && show_method2==false)))
// OR view is sbs
|| view==1)
```

[43] : Method: %method4%
Enablement Condition:

```
// method 4 not contraindicated nor doesnt want to consider
show_method4==true &&
// AND either: moved on from 3
((view==2 && ((moveon_3==true)
```

```
// OR moved on from 1 and methods 2 and 3 not shown (contraindicated or doesn't want to consider)
|| (moveon_1==true && show_method2==false && show_method3==false)
// OR moved on from 2 and method 3 not shown
|| (moveon_2==true && show_method3==false)
// Or started with because methods 1,2 and 3 not shown
|| (show_method1==false && show_method2==false && show_method3==false))
|| view==1)
```

[44] : Method: %method5%

Enablement Condition:

```
// method 5 not contraindicated nor doesnt want to consider
show_method5==true &&
// AND either: moved on from 4
(
   (view==2 && ((moveon_4==true)
 // OR moved on from 1 and methods 2, 3, and 4 not shown (contraindicated or doesn't want to consider)
 || (moveon_1==true && show_method2==false && show_method3==false && show_method4==false)
 // OR moved on from 2 and method 3 and 4 not shown
 || (moveon_2==true && show_method3==false && show_method4==false)
 // OR moved on from 3 and method 4 not shown
 || (moveon_3==true && show_method4==false)
 // Or started with because methods 1,2, 3, and 4 not shown
 || (show_method1==false && show_method2==false && show_method3==false && show_method4==false)))
|| view==1)
```

[45] : Please collect at least one alternative phone number for the client.

Enablement Condition:

```
patient_status=="New" &&
// adult consented
((consent_start==1 && (age>=18 || (age.InRange(15,17) && non_emancipated_minor==false))) ||
//minor consented
(consent_start==1 && consent_parents_start==1 &&
    (age.InRange(15,17) && non_emancipated_minor==true)))
```

[46] : The client is NOT eligible for <big>LAM</big> at this time

  Please explain to the client that she is not eligible to use LAM at this point and explain to her why.

Enablement Condition:

```
current_method_list.InList(6) &&
//Gave birth in last 6 months AND fully breastfeeding AND has not menstruated yet
!(((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date) &&
birth_date.Value.AddMonths(6)>=interview_date
    && exclusive_breastfeeding.InList(1) && had_menstrual.InList(0))
// OR client is pregnant
 || (pregnant_client==1 || pregnancy_test_result==1))
```

[47] : I am sorry that you're having these issues. However, you are using a modern method to protect against unwanted or mistimed pregnancies.

 Since you did not want to consider any other methods, I would like to encourage you to consider continuing to use your current method. Let us discuss how bothersome the issues you mentioned are.

 PAUSE and discuss the issues the client is having with her method, then read the question to the client below.

Enablement Condition:

```
// either started using the method a long time ago
(ok_discuss_method3.InList(0) && duration_mc.InList(3))
// is not having issues with side-effects
|| (ok_discuss_method3.InList(0) && duration_mc.InList(1,2) && !issue_method.Contains(2))
```

[48] : The client is eligible for <big>LAM</big> at this time

Enablement Condition:

```
method_mind_list.InList(6) &&
//Gave birth in last 6 months AND fully breastfeeding and has not menstruated yet
(((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date) &&
birth_date.Value.AddMonths(6)>=interview_date
    && exclusive_breastfeeding.InList(1) && had_menstrual.InList(0))
// OR currently pregnant
 || (pregnant_client==1 || pregnancy_test_result==1))
```

[49] : The client is NOT eligible for <big>LAM</big> at this time

  Please explain to the client that she is not eligible to use LAM at this point and explain to her why.

Enablement Condition:

```
method_mind_list.InList(6) &&
//Gave birth in last 6 months AND fully breastfeeding AND has not menstruated yet
!(((birth_ever_last6m==1 || birth_ever==1 || number_children>0) && IsAnswered(birth_date) &&
birth_date.Value.AddMonths(6)>=interview_date
    && exclusive_breastfeeding.InList(1) && had_menstrual.InList(0))
// OR client is pregnant
 || (pregnant_client==1 || pregnancy_test_result==1))
```

[50] : Before we find you a suitable method, I will describe some of the possible side effects you may experience, and I will ask you how much each of these will bother you. This will help us find a method which better suits you and your preferences.

 Some women experience changes in their menstrual period after adopting a contraceptive method.

 Other than in rare occasions, these changes are normal and are not a sign that the method is harmful to your health.

 None of the methods we will discuss affect your ability to conceive in the future. You can always stop using the method and start trying to get pregnant right away.

 Please read out the answer choices for EACH one of the questions below

Enablement Condition:

```
// willing to discuss if not using any
probe_discuss==0 ||
// no method in mind in after ok_discuss_1-2-3
method_in_mind==0 ||
// non-LARC in mind and willing to listen
right_method ==1 || right_method2 ==1 || right_method3 ==1
|| right_method4_elig == 1 || right_method4_inelig == 1
// unhappy with pill
|| like_to_do == 2
// happy with pill but willing to discuss larc
|| (current_method_list.InList(3,4) && method_experience==1 && discuss_non_larc==1)
```

[51] : I am sorry that you're having these issues. However, you are using a modern method to protect against unwanted or mistimed pregnancies.

 Unless you would like to consider other methods, I would encourage you to continue to using your current method.

 Let us discuss how bothersome the issues you mentioned are.

 PAUSE and discuss the issues the client is having with her method, then read the question to the client below.

Enablement Condition:

```
current_method_list_r.InList(3,4) &&
// either started using the method a long time ago
((duration_mc_r.InList(3) && IsAnswered(issue_method_r))
// OR is not having issues with side-effects
|| (duration_mc_r.InList(1,2) && !issue_method_r.Contains(2) && IsAnswered(issue_method_r)))
```

[52] : I am sorry that you're having these issues. Fortunately, there are many other methods to prevent against unwanted pregnancies. Unlike LAM, you will be able to use these methods for as long as you want. You can also use these methods in addition to LAM, which will provide you with even more protection.

 Remember that LAM only works for up to 6 months after giving birth. At some point you will need to switch to another method to protect against unwanted pregnancies, possibly quite soon. So, I suggest that you consider adopting another method today.

Enablement Condition:

```
// wants to talk about LAM and has been using under 6 months
current_method_list_r.InList(6) && IsAnswered(issue_method_r) && duration_mc_r.InList(1,2)
// AND is NOT using a method currently based on the cards, but had chosen one
&& !(IsAnswered(adopted_return_method) && adopted_return_method.InList(1,2,3,4))
```

[53] : I am sorry that you're having these issues. Fortunately, you are already using a modern method to protect against unwanted or mistimed pregnancies.

 Unless you would like to consider other methods, I would encourage you to continue to using your current method.

Enablement Condition:

```
// had been using lam for under 6 months
current_method_list_r.InList(6) && IsAnswered(issue_method_r) && duration_mc_r.InList(1,2)
// AND is using a method base4d on the cards
&& (IsAnswered(adopted_return_method) && adopted_return_method.InList(1,2,3,4))
```

[54] : I am sorry that you're having these issues, but <u>you have been using LAM for more than 6 months,</u> LAM does not protect against unwanted pregnancies after 6 months past the date of birth of the child.

 Fortunately, there are many other methods to prevent against unwanted pregnancies. Unlike LAM, you will be able to use these methods for as long as you want.

 So, I suggest that you consider adopting another method today.

Enablement Condition:

```
// using LAM for more than 6 months
current_method_list_r.InList(6) && duration_mc_r.InList(3) && IsAnswered(issue_method_r)
// and is not using a method but had chosen one
&& !(IsAnswered(adopted_return_method) && adopted_return_method.InList(1,2,3,4))
```

[55] : I am sorry that you're having these issues, but <u>you have been using LAM for more than 6 months,</u> LAM does not protect against unwanted pregnancies after 6 months past the date of birth of the child.

 Fortunately, you are already using a modern method to protect against unwanted or mistimed pregnancies.

 Unless you would like to consider other methods, I would encourage you to continuing to use your current method.

Enablement Condition:

```
// used LAM for more than 6 months
current_method_list_r.InList(6) && duration_mc_r.InList(3) && IsAnswered(issue_method_r)
// AND using a method
&& (IsAnswered(adopted_return_method) && adopted_return_method.InList(1,2,3,4))
```

[56] : Before we find you a suitable method, I will describe some of the possible side effects you may experience, and I will ask you how much each of these will bother you. This will help us find a method which better suits you and your preferences.

 Some women experience changes in their menstrual period after adopting a contraceptive method.

 Other than in rare occasions, these changes are normal and are not a sign that the method is harmful to your health.

 None of the methods we will discuss affect your ability to conceive in the future. You can always stop using the method and start trying to get pregnant right away.

 Please read out the answer choices for EACH one of the questions below

Enablement Condition:

```
// willing to discuss if not using any
probe_discuss_r==0 ||
// no method in mind in after ok_discuss_1-2-3
method_in_mind_r==0 ||
// non-LARC in mind and willing to listen
right_method_r ==1 || right_method2_r ==1 || right_method3_r ==1
|| right_method4_r == 1
```

[57] : WARNING: the <big>IUD</big> is contraindicated for this client at this time because she gave birth between 48 hours and 4 weeks ago.

 However, you can still discuss it and she can make a plan to adopt it in 4 weeks from now, on the %date_4weeks%

Enablement Condition:

```
// Birth date of last child was NOT within 2 and 28 days
((IsAnswered(birth_date) && birth_date.Value.AddDays(28)>=interview_date
    && (birth_date.Value.AddHours((int)hour_delivery)<=interview_date.Value.AddHours(-49)))
||
```

```
        (IsAnswered(birth_date2) && birth_date2.Value.AddDays(28)>=interview_date
            && (birth_date2.Value.AddHours((int)hour_delivery2)<=interview_date.Value.AddHours(-49))))
// AND not currently pregnant
&& !$NoContraindications
```

[58] : WARNING: the <big>INJECTABLE</big> is contraindicated for this client at this time
 %injectable_reason1%
 %injectable_reason2%
 %injectable_reason3%
 %injectable_reason4%
 %UVB_reason%
Enablement Condition:

```
// birthdate within 42 days and fully or near fully breastfeeding
(injectable_reason1!="" || injectable_reason2!="" || injectable_reason3!=""
    || injectable_reason4!="" || UVB_reason!="")
// AND not currently pregnant
&& !$NoContraindications
// AND not only pregnancy timing
&& !(injectable_reason1!="" && injectable_reason2=="" && injectable_reason3==""
        && injectable_reason4=="" && UVB_reason=="")
```

[59] : The client is eligible for <big>LAM</big> at this time
Enablement Condition:

```
// currently pregnant
((pregnant_client==1 || pregnant_client2==1 ||
    pregnancy_test_result==1 || pregnancy_test_result2==1)
// OR Gave birth in last 6 months AND fully breastfeeding AND has not menstruated yet
|| ((((birth_ever_last6m==1 || birth_ever==1 || number_children>0)
    && IsAnswered(birth_date) && birth_date.Value.AddMonths(6)>=interview_date
    && exclusive_breastfeeding.InList(1) && had_menstrual.InList(0)))
    ||
    ((birth_ever_last6m2==1
    && IsAnswered(birth_date2) && birth_date2.Value.AddMonths(6)>=interview_date
    && exclusive_breastfeeding2.InList(1) && had_menstrual2.InList(0)))))
```

[60] : The client is NOT eligible for <big>LAM</big> at this time
Enablement Condition:

```
//only show for clients who recently gave birth, i.e. last 6 months
(((birth_ever_last6m==1 || birth_ever==1 || number_children>0)
    && IsAnswered(birth_date) && birth_date.Value.AddMonths(6)>=interview_date
    && !(exclusive_breastfeeding.InList(1) && had_menstrual.InList(0))))
    ||
    ((birth_ever_last6m2==1
    && IsAnswered(birth_date2) && birth_date2.Value.AddMonths(6)>=interview_date
    && !(exclusive_breastfeeding2.InList(1) && had_menstrual2.InList(0))))
//or for clients who wanted lAM
|| (method_mind_list.InList(6) && !(((birth_ever_last6m==1 || birth_ever==1 || number_children>0)
    && IsAnswered(birth_date) && birth_date.Value.AddMonths(6)>=interview_date
    && (exclusive_breastfeeding.InList(1) && had_menstrual.InList(0)))))
|| (method_mind_list_r.InList(6) && !((birth_ever_last6m2==1
    && IsAnswered(birth_date2) && birth_date2.Value.AddMonths(6)>=interview_date
    && !(exclusive_breastfeeding2.InList(1) && had_menstrual2.InList(0)))))
```

[61] : Unfortunately, it looks like none of the modern contraception methods are suitable for you at this moment.
Enablement Condition:

```
// wants a non-modern method and no consultation
!(method_mind_list.InList(6,7,5,8,9,10,99) &&
(right_method==0 || right_method2==0 || right_method3==0 || right_method4_elig==0 || right_method4_inelig==0))
// don't show any of the modern methods
&& (show_method1==false && show_method2==false && show_method3==false && show_method4==false &&
show_method5==false)
```

[62] : <big>The consultation has ended</big>
Enablement Condition:

```
// for sequential view
(view==2 &&
//foreach, either left with method OR will come back to get it administered
(leave1==1 || (leave1==0 && (consider_comeback1.InList(1,3) || whyleave1.ContainsAny(5,6,7,8,9,10,11)))) ||
(leave2==1 || (leave2==0 && (consider_comeback2.InList(1,3) || whyleave2.ContainsAny(5,6,7,8,9,10,11)))) ||
(leave3==1 || (leave3==0 && (consider_comeback3.InList(1,3) || whyleave3.ContainsAny(5,6,7,8,9,10,11)))) ||
(leave4==1 || (leave4==0 && (consider_comeback4.InList(1,3) || whyleave4.ContainsAny(5,6,7,8,9,10,11)))) ||
(leave5==1 || (leave5==0 && (consider_comeback5.InList(1,3) || whyleave5.ContainsAny(5,6,7,8,9,10,11)))) ||
// OR moved on / was ineligible for all methods
(((moveon_1==true || show_method1==false) && (moveon_2==true || show_method2==false) &&
(moveon_3==true || show_method3==false) && (moveon_4==true || show_method4==false) &&
(moveon_5==true || show_method5==false)) && IsAnswered(no_method)) ||
// OR chose LAM and does not want to consider any others
(lam1==0 || lam2==0 || lam3==0 || lam4==0 || lam5==0) ||
// OR did not choose a method
(IsAnswered(no_method))) ||
// for side by side view
((view==1 && choice_made==true) || (view==1 && IsAnswered(sbs_none) && IsAnswered(no_method)))
```

[63] : We think that the next two methods are equally well-suited, but we would like to start by discussing the %method1%.
Enablement Condition:

```
view==2 &&
// show this message if there is a tie between positions 12
// AND the method in position 2 is not medically contraindicated, if it is show the standard message
(tie12==true && show_method2==true)
```

```
&& (q_version.InList("Full","Discuss"))
```

[64] : `<font color="#ff8c00">` `<u><big>Prices:</big></u>` `<br><br>` ALL prices below are valid for a period of ONE year, until %date1year%. `<br><br>` IUD : `</font><font color="navy"><s>5000 F</s></font>` - `<font color="#ff8c00">` %price_iud% F `<br><br>` IMPLANT : `</font><font color="navy"><s>5250 F</s></font>` - `<font color="#ff8c00">` %price_imp% F `<br><br>` Removal of the IUD or Implant is `<u><big>free for life.</big></u>` `<br>` `<br>` INJECTABLE : `</font><font color="#ff8c00">` %price_inj% F `<br><br>` PILL : `</font><font color="#ff8c00">` %price_pill% F `<br><br>` Prices for the pill and injectable are valid for `<u>`4 cycles of adoptions`</u>` within ONE year, until %date1year%. `</font>`

Enablement Condition:

```
((adopt1==1 || q_version=="Reduced") && view_prices==true &&
(IsAnswered(price1) || IsAnswered(return_prices)
   || IsAnswered(price2) || IsAnswered(price3) || IsAnswered(price4) || IsAnswered(price5)))
```

[65] : `<font color="red">`The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted. `</font>`

Enablement Condition:

```
adopt1==1 && method1=="DIU - Cuivre" &&
// Birth date of last child was within 2 and 28 days
((IsAnswered(birth_date) && birth_date.Value.AddDays(28)>=interview_date
    && (birth_date.Value.AddHours((int)hour_delivery)<=interview_date.Value.AddHours(-49)))
  ||
(IsAnswered(birth_date2) && birth_date2.Value.AddDays(28)>=interview_date
    && (birth_date2.Value.AddHours((int)hour_delivery2)<=interview_date.Value.AddHours(-49))))
```

[66] : `<font color="red">`The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.`</font>`

Enablement Condition:

```
adopt1==1 && method1=="INJECTABLE" &&
// Birth date of last child was within 2 and 28 days
((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date
    && exclusive_breastfeeding.InList(1))
    ||
    (IsAnswered(birth_date2) && birth_date2.Value.AddDays(42)>=interview_date
    && exclusive_breastfeeding2.InList(1)))
```

[67] : `<font color="red">`The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted. `</font>`

Enablement Condition:

```
adopt2==1 && method2=="DIU - Cuivre" &&
// Birth date of last child was within 2 and 28 days
((IsAnswered(birth_date) && birth_date.Value.AddDays(28)>=interview_date
    && (birth_date.Value.AddHours((int)hour_delivery)<=interview_date.Value.AddHours(-49)))
  ||
(IsAnswered(birth_date2) && birth_date2.Value.AddDays(28)>=interview_date
    && (birth_date2.Value.AddHours((int)hour_delivery2)<=interview_date.Value.AddHours(-49))))
```

[68] : `<font color="red">`The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.`</font>`

Enablement Condition:

```
adopt2==1 && method2=="INJECTABLE" &&
// Birth date of last child was within 2 and 28 days
((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date
    && exclusive_breastfeeding.InList(1))
    ||
    (IsAnswered(birth_date2) && birth_date2.Value.AddDays(42)>=interview_date
    && exclusive_breastfeeding2.InList(1)))
```

[69] : `<font color="red">`The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted. `</font>`

Enablement Condition:

```
adopt3==1 && method3=="DIU - Cuivre" &&
// Birth date of last child was within 2 and 28 days
((IsAnswered(birth_date) && birth_date.Value.AddDays(28)>=interview_date
    && (birth_date.Value.AddHours((int)hour_delivery)<=interview_date.Value.AddHours(-49)))
  ||
(IsAnswered(birth_date2) && birth_date2.Value.AddDays(28)>=interview_date
    && (birth_date2.Value.AddHours((int)hour_delivery2)<=interview_date.Value.AddHours(-49))))
```

[70] : `<font color="red">`The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.`</font>`

Enablement Condition:

```
adopt3==1 && method3=="INJECTABLE" &&
// Birth date of last child was within 2 and 28 days
((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date
    && exclusive_breastfeeding.InList(1))
    ||
    (IsAnswered(birth_date2) && birth_date2.Value.AddDays(42)>=interview_date
    && exclusive_breastfeeding2.InList(1)))
```

[71] : `<font color="red">`The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted. `</font>`

Enablement Condition:

```
adopt4==1 && method4=="DIU - Cuivre" &&
```

```
// Birth date of last child was within 2 and 28 days
((IsAnswered(birth_date) && birth_date.Value.AddDays(28)>=interview_date
    && (birth_date.Value.AddHours((int)hour_delivery)<=interview_date.Value.AddHours(-49)))
||
(IsAnswered(birth_date2) && birth_date2.Value.AddDays(28)>=interview_date
    && (birth_date2.Value.AddHours((int)hour_delivery2)<=interview_date.Value.AddHours(-49))))
```

[72] : The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.

Enablement Condition:

```
adopt4==1 && method4=="INJECTABLE" &&
// Birth date of last child was within 2 and 28 days
((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date
    && exclusive_breastfeeding.InList(1))
    ||
    (IsAnswered(birth_date2) && birth_date2.Value.AddDays(42)>=interview_date
    && exclusive_breastfeeding2.InList(1)))
```

[73] : The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted.

Enablement Condition:

```
adopt5==1 && method5=="DIU - Cuivre" &&
// Birth date of last child was within 2 and 28 days
((IsAnswered(birth_date) && birth_date.Value.AddDays(28)>=interview_date
    && (birth_date.Value.AddHours((int)hour_delivery)<=interview_date.Value.AddHours(-49)))
||
(IsAnswered(birth_date2) && birth_date2.Value.AddDays(28)>=interview_date
    && (birth_date2.Value.AddHours((int)hour_delivery2)<=interview_date.Value.AddHours(-49))))
```

[74] : The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.

Enablement Condition:

```
adopt5==1 && method5=="INJECTABLE" &&
// Birth date of last child was within 2 and 28 days
((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date
    && exclusive_breastfeeding.InList(1))
    ||
    (IsAnswered(birth_date2) && birth_date2.Value.AddDays(42)>=interview_date
    && exclusive_breastfeeding2.InList(1)))
```

[75] : <big>The section "Fertility and Births" was not fully completed! If possible, please go back and finish.</big>
Enablement Condition:

```
//full and reduced consultation
(path.InList(1,2,3) && path!=99 && move_on_fert==false && end_in_fert==false) ||
//discuss consultation
(path.InList(4) && move_on_med_discuss==true && move_on_fert_discuss==false && end_in_fert2==false)
```

[76] : <big>The section "Consultation" was not fully completed! If possible, please go back and finish.</big>
Enablement Condition:

```
//full consultation
(path.InList(1,2) && move_on_fert==true && move_on_to_med==false && end_in_consultation==false) ||
//discuss consultation
(path.InList(4) && move_on_med_discuss==false && end_in_consultation2==false)
```

[77] : <big>The section "Medical Exam" was not fully completed! If possible, please go back and finish.</big>
Enablement Condition:

```
//full consultation
(path.InList(1,2) && move_on_to_med==true && (!IsAnswered(sys_bp) || !IsAnswered(dia_bp))) ||
//reduced consultation
(path.InList(3) && move_on_fert==true && (!IsAnswered(sys_bp) || !IsAnswered(dia_bp))) ||
//discuss consultation
(path.InList(4) && move_on_med_discuss==true && move_on_fert_discuss==true &&
    (!IsAnswered(sys_bp) || !IsAnswered(dia_bp)))
```

[78] : <big>The section "Method choice" was not fully completed! If possible, please go back and finish.</big>
Enablement Condition:

```
//full consultation
(path.InList(1,2,3,4) && IsAnswered(sys_bp) && IsAnswered(dia_bp) &&
    ((view_prices==false && !IsAnswered(interview_end)) ||
    (view_prices==true && !IsAnswered(interview_end))))
```

[79] : <big>The client does NOT need a carton for this consultation.</big>
Enablement Condition:

```
// return clients ALWAYS get a carton
 patient_status=="New" &&
// if client ends in the fertility bit (i.e. pregnant and doesn't want to continue) OR during FP consultation
(move_on_to_med==false || end_in_fert==true || end_in_consultation==true)
```

APPENDIX B — VARIABLES

[1] patient_status:
// client are Return clients if they have their card of if their info is found in register (return_patient==1 && (return_card==1 || return_register==1)) ? "Return" : // everyone else is a New client (return_patient==0 || return_card==0 || (return_patient==1 && return_card.InList(2) && return_register==0)) ? "New" : // this should never happen "No"

[2] return_method:
// client wants to adopt X - then the return method (i.e. in first place) is chosen method (return_adopt==1 || what_to_do_xy==5 || what_to_do_lam==5) ? chosen_return_method : // client wants to renew X or Y - then put adopted method as the return method (what_to_do_xy==4 || what_to_do_xx==4 || what_to_do_lam==4) ? adopted_return_method : // default to none 0

[3] q_version:
// new patient (patient_status=="New") ? "Full" : // blank blank go for full consultation (chosen_return_method.InList(0) && lam_return_method.InList(0)) ? "Full" : // X blank and wants to adopt or not (return_adopt==1 && chosen_return_method.InList(1,2,3,4) && adopted_return_method==0 && lam_return_method.InList(0)) ? "Reduced" : (return_adopt==0 && chosen_return_method.InList(1,2,3,4) && adopted_return_method==0 && lam_return_method.InList(0)) ? "Full" : // X X chose and adopted the same thing (SARC) (chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4) && lam_return_method.InList(0) && chosen_return_method==adopted_return_method && what_to_do_xx.InList(4)) ? "Reduced" : (chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4) && lam_return_method.InList(0) && chosen_return_method==adopted_return_method && what_to_do_xx.InList(1,2)) ? "Discuss" : (chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4) && lam_return_method.InList(0) && chosen_return_method==adopted_return_method && what_to_do_xx.InList(3)) ? "Removal" : // X Y chose something and adopted something else (chosen_return_method.InList(1,2,3,4,5) && adopted_return_method.InList(1,2,3,4,5) && lam_return_method.InList(0) && chosen_return_method!=adopted_return_method && what_to_do_xy.InList(4,5)) ? "Reduced" : (chosen_return_method.InList(1,2,3,4,5) && adopted_return_method.InList(1,2,3,4,5) && lam_return_method.InList(0) && chosen_return_method!=adopted_return_method && what_to_do_xy.InList(1,2)) ? "Discuss" : (chosen_return_method.InList(1,2,3,4,5) && adopted_return_method.InList(1,2,3,4,5) && lam_return_method.InList(0) && chosen_return_method!=adopted_return_method && what_to_do_xy.InList(3)) ? "Removal" : // LAM cases (lam_return_method.InList(1) && ((chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(0,1,2,3,4) && (what_to_do_lam.InList(4,5) || return_adopt.InList(1))) || (chosen_return_method.InList(0) && return_adopt.InList(1)))) ? "Reduced" : (lam_return_method.InList(1) && ((chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(0) && what_to_do_lam.InList(1)) || (chosen_return_method.InList(0) && what_to_do_lam.InList(1)))) ? "Full" : (lam_return_method.InList(1) && ((chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(0,1,2,3,4) && what_to_do_lam.InList(3)) || (chosen_return_method.InList(0) && what_to_do_lam.InList(3)))) ? "Removal" : (lam_return_method.InList(1) && chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(0,1,2,3,4) && what_to_do_lam.InList(2)) ? "Discuss" : (lam_return_method.InList(1) && ((chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(0,1,2,3,4) && what_to_do_lam.InList(6)) || (chosen_return_method.InList(0) && what_to_do_lam.InList(6)))) ? "Discuss" : (lam_return_method.InList(1) && ((chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4) && what_to_do_lam.InList(1)))) ? "Discuss" : // error otherwise "None"

[4] path:
// full new consultation == 1 (q_version=="Full" && patient_status=="New" && IsAnswered(neighbourhood)) ? 1 : // full return consultation == 2 (q_version=="Full" && patient_status=="Return") ? 2 : // reduced return == 3 (q_version=="Reduced") ? 3 : // discuss return == 4 (q_version=="Discuss") ? 4 : // removal return == 5 (q_version=="Removal") ? 5 : // error is: 99

[5] discuss_method:
(adopted_return_method==1 && (what_to_do_xx.InList(1,2) || what_to_do_xy.InList(1,2) || what_to_do_lam.InList(1,2))) ? "DIU - cu" : (adopted_return_method==2 && (what_to_do_xx.InList(1,2) || what_to_do_xy.InList(1,2) || what_to_do_lam.InList(1,2))) ? "IMPLANT" : (adopted_return_method==3 && (what_to_do_xx.InList(1,2) || what_to_do_xy.InList(1,2) || what_to_do_lam.InList(1,2))) ? "PILULE" : (adopted_return_method==4 && (what_to_do_xx.InList(1,2) || what_to_do_xy.InList(1,2) || what_to_do_lam.InList(1,2))) ? "INJECTABLE" : (lam_return_method==1 && what_to_do_lam.InList(6)) ? "MAMA" : "NONE"

[6] age_at_birth:
//if we know women's birth date (IsAnswered(woman_birth_date)) ? FullYearsBetween(woman_birth_date,birth_date) : // if we dont (!IsAnswered(woman_birth_date) && IsAnswered(age_dob_dk)) ? FullYearsBetween(interview_date.Value.AddYears(-(int)age),birth_date) : -99

[7] move_on_fert:
//full consultation (((q_version=="Full" && path.InList(1,2)) || //reduced consultation (q_version=="Reduced" && path.InList(3))) && // non pregnant clients ((pregnant==false) && (last_menstrual==1 || symptomps_pregnancy==1 || abortion_7_days==1 || (pregnancy_test==0 && pregnant_consultation==1) || pregnancy_test_result==0 || (birth_ever_last6m==1 || number_children>0 || birth_ever==1) && birth_date.Value.AddMonths(3)>interview_date && exclusive_breastfeeding.InList(1) && had_menstrual.InList(0))) // clients who do a pregnant consultation || (pregnant_consultation!=0 && ((pregnant_consultation==1 && pregnancy_test_result==1) || (pregnant_client==1 && IsAnswered(number_pregnancies)))))

[8] larc_renewal_due:
// larc not due for renewal (((current_method_list.InList(1) && date_insertion_larc.Value.AddMonths(54)>=interview_date) || (current_method_list.InList(2) && implant_type==1 && date_insertion_larc.Value.AddMonths(30)>=interview_date) || (current_method_list.InList(2) && implant_type==2 && date_insertion_larc.Value.AddMonths(54)>=interview_date)) ? 0 : // larc due for renewal (((current_method_list.InList(1) && date_insertion_larc.Value.AddYears(5)<interview_date) || (current_method_list.InList(2) && implant_type==1 && date_insertion_larc.Value.AddYears(3)<interview_date) || (current_method_list.InList(2) && implant_type==2 && date_insertion_larc.Value.AddYears(5)<interview_date)) ? 1 : // larc ALMOST due for renewal (last 6 months) (((current_method_list.InList(1) && date_insertion_larc.Value.AddMonths(54)<interview_date && date_insertion_larc.Value.AddYears(5)>=interview_date) || (current_method_list.InList(2) && implant_type==1 && date_insertion_larc.Value.AddMonths(30)<interview_date && date_insertion_larc.Value.AddYears(3)>=interview_date) || (current_method_list.InList(2) && implant_type==2 && date_insertion_larc.Value.AddMonths(54)<interview_date && date_insertion_larc.Value.AddYears(5)>=interview_date)) ? 2 : // other (should never happen) 99

[9] larc_renew_date:
// 3 years for implanon (IsAnswered(date_insertion_larc) && current_method_list==2 && implant_type==1) ? date_insertion_larc.Value.AddYears(3).ToString("dd-MMM-yyyy") : // 5 years for IUD or jadelle (IsAnswered(date_insertion_larc) && (current_method_list==1 || (current_method_list==2 && implant_type==2))) ? date_insertion_larc.Value.AddYears(5).ToString("dd-MMM-yyyy") : // or 5 years for no case date_insertion_larc.Value.AddYears(5).ToString("dd-MMM-yyyy")

[10] end_in_consultation:
(// first time client who wants to get pregnant (method_experience.InList(3) || like_to_do.InList(3)) || // first time client who continued a LARC but does not want to renew (renew_larc==0) || // LARC not due for renewal (not even within 6 months) and happy with it

((continue_method.InList(1) || use_see_improve.InList(1) || method_experience.InList(1)) && larc_renewal_due==0) || // any client that doesn't want to discuss other methods ok_discuss_method2==0 || // first time client who continued a sarc not due for renewal (like_to_do==1 && renew_sarc==0) || (discuss_non_larc==0 && renew_sarc==0) || // client using non-modern method who does not want to consider for sure any methods probe_discuss==1)

[11] move_on_to_med:

// FULL (q_version=="Full" && (// happy and almost due or due (method_experience.InList(1) && larc_renewal_due.InList(1,2) && renew_larc==1) // or willing to continue and (almost due or due) || (continue_method.InList(1) && larc_renewal_due.InList(1,2) && renew_larc==1) // has in mind LARC || method_mind_list.InList(1,2) // willing to discuss LARC OR same OR is interested in hearing about methods || right_method==0 || right_method2==0 || right_method3==0 || right_method4_elig == 0 || right_method4_inelig == 0 || IsAnswered(weight_gain) // wants to keep a SARC and needs to renew it || (like_to_do == 1 && renew_sarc==1) || (discuss_non_larc==0 && renew_sarc==1))

[12] larc_renewal_due_r:

// larc not due for renewal (((current_method_list_r.InList(1) && date_insertion_larc_r.Value.AddMonths(54)>=interview_date) || (current_method_list_r.InList(2) && implant_type_r==1 && date_insertion_larc_r.Value.AddMonths(30)>=interview_date) || (current_method_list_r.InList(2) && implant_type_r==2 && date_insertion_larc_r.Value.AddMonths(54)>=interview_date))) ? 0 : // larc due for renewal (((current_method_list_r.InList(1) && date_insertion_larc_r.Value.AddYears(5)<interview_date) || (current_method_list_r.InList(2) && implant_type_r==1 && date_insertion_larc_r.Value.AddYears(3)<interview_date) || (current_method_list_r.InList(2) && implant_type_r==2 && date_insertion_larc_r.Value.AddYears(5)<interview_date))) ? 1 : // larc ALMOST due for renewal (last 6 months) (((current_method_list_r.InList(1) && date_insertion_larc_r.Value.AddMonths(54)<interview_date && date_insertion_larc_r.Value.AddYears(5)>=interview_date) || (current_method_list_r.InList(2) && implant_type_r==1 && date_insertion_larc_r.Value.AddMonths(30)<interview_date && date_insertion_larc_r.Value.AddYears(3)>=interview_date) || (current_method_list_r.InList(2) && implant_type_r==2 && date_insertion_larc_r.Value.AddMonths(54)<interview_date && date_insertion_larc_r.Value.AddYears(5)>=interview_date)) ? 2 : // other (should never happen) 99

[13] larc_renew_date_r:

// 3 years for implanon (IsAnswered(date_insertion_larc_r) && current_method_list_r==2 && implant_type_r==1) ? date_insertion_larc_r.Value.AddYears(3).ToString("dd-MMM-yyyy") : // 5 years for IUD or jadelle (IsAnswered(date_insertion_larc_r) && (current_method_list_r==1 || (current_method_list_r==2 && implant_type_r==2))) ? date_insertion_larc_r.Value.AddYears(5).ToString("dd-MMM-yyyy") : // or 5 years for no case date_insertion_larc_r.Value.AddYears(5).ToString("dd-MMM-yyyy")

[14] end_in_consultation2:

patient_status=="Return" && (// first time client who wants to get pregnant (like_to_do_r.InList(3)) || // first time client who continued a LARC but not due for renewal renew_larc_r==0 || // LARC not due for renewal (not even within 6 months) and happy with it ((continue_method_r.InList(1) || use_see_improve_r.InList(1)) && larc_renewal_due_r==0) || // any client that doesn't want to discuss other methods ok_discuss_method2_r==0 || // first time client who continued a sarc not due for renewal (like_to_do_r==1 && renew_sarc_r==0) || // client using non-modern method who does not want to consider for sure any methods probe_discuss_r==1 || // LAM (current_method_list_r.InList(6) && like_to_do_r.InList(1)) || // discussed lam and is done // discussed lam and is done in X X case OR discuss LAM and is done and no renewal and no discussion in X Y case (lam_renew_method==0 && (!IsAnswered(lam_adopt_chosen) || (IsAnswered(lam_adopt_chosen) && ok_discuss_method1biii_r==0))))

[15] move_on_med_discuss:

// only for discuss version q_version=="Discuss" && (// Happy and LARC due for renewal (renew_larc_r==1 && larc_renewal_due_r==1) // happy or continue and wants to renew now since almost due for renewal || (continue_method_r==1 && renew_larc_r==1 && larc_renewal_due_r.InList(1,2)) // has in mind LARC || method_mind_list_r.InList(1,2) // NOT willing to discuss LARC OR went though preferences questions || right_method_r == 0 || right_method2_r == 0 || right_method3_r == 0 || right_method4_r == 0 || weight_gain_r.InList(1,2,3) // wants to keep a SARC and needs to renew it || (like_to_do_r == 1 && renew_sarc_r==1) || like_to_do_r==4 // LAM client wants to adopt/renew their chosen method they did not adopt last time || lam_adopt_chosen==1 || lam_renew_method==1)

[16] move_on_fert_discuss:

path.InList(4) && (((last_menstrual2==1 || symptomps_pregnancy2==1 || abortion_7_days2==1 || (pregnancy_test2==0 && pregnant_consultation2==1) || pregnancy_test_result2==0 || ((birth_ever_last6m2==1) && birth_date2.Value.AddMonths(3)>interview_date && exclusive_breastfeeding2.InList(1) && had_menstrual2.InList(0)))) || (pregnant_consultation2!=0 && ((pregnant_consultation2==1 && pregnancy_test_result2==1))) || pregnant_client2==1)

[17] method1_seq:

(method_1=="IUD") ? "DIU - Cuivre" : (method_1=="IMPLANT") ? "IMPLANT" : (method_1=="PILL" && $IN_COC) ? "PILL - COC" : (method_1=="PILL" && $IN_POP && !$IN_COC) ? "PILL - POP" : (method_1=="INJECTABLE") ? "INJECTABLE" : (method_1=="LAM") ? "MAMA" : (method_1=="NONE") ? "NONE" : "NONE"

[18] method2_seq:

(method_2=="IUD") ? "DIU - Cuivre" : (method_2=="IMPLANT") ? "IMPLANT" : (method_2=="PILL" && $IN_COC) ? "PILL - COC" : (method_2=="PILL" && $IN_POP && !$IN_COC) ? "PILL - POP" : (method_2=="INJECTABLE") ? "INJECTABLE" : (method_2=="LAM") ? "MAMA" : (method_2=="NONE") ? "NONE" : "NONE"

[19] method3_seq:

(method_3=="IUD") ? "DIU - Cuivre" : (method_3=="IMPLANT") ? "IMPLANT" : (method_3=="PILL" && $IN_COC) ? "PILL - COC" : (method_3=="PILL" && $IN_POP && !$IN_COC) ? "PILL - POP" : (method_3=="INJECTABLE") ? "INJECTABLE" : (method_3=="LAM") ? "MAMA" : (method_3=="NONE") ? "NONE" : "NONE"

[20] method4_seq:

(method_4=="IUD") ? "DIU - Cuivre" : (method_4=="IMPLANT") ? "IMPLANT" : (method_4=="PILL" && $IN_COC) ? "PILL - COC" : (method_4=="PILL" && $IN_POP && !$IN_COC) ? "PILL - POP" : (method_4=="INJECTABLE") ? "INJECTABLE" : (method_4=="LAM") ? "MAMA" : (method_4=="NONE") ? "NONE" : "NONE"

[21] method5_seq:

(method_5=="IUD") ? "DIU - Cuivre" : (method_5=="IMPLANT") ? "IMPLANT" : (method_5=="PILL" && $IN_COC) ? "PILL - COC" : (method_5=="PILL" && $IN_POP && !$IN_COC) ? "PILL - POP" : (method_5=="INJECTABLE") ? "INJECTABLE" : (method_5=="LAM") ? "MAMA" : (method_5=="NONE") ? "NONE" : "NONE"

[22] method_1a:

(($S1 && ($E2 || $E3 || ($E1 && $R1 && !$Z))) || ($S2 && $E2 && !$R1 && !$Z) || ($S5 && $E123) || ($S6 && ($E2 || ($E1 && !$R1 && !$Z))) || ($S7 && $E123) || ($S8 && $E2 && !$R1 && !$Z) || (($Qiu || $Jiu) && ($E123 || $M))) ? "IUD" : (($S1 && (($E1 && !$R1 && !$Z) || $E1 && $Z))) || (($Qpi || $Jpi) && ($E123 || $M))) ? "PILL" : "OTHER"

[23] method_1b:

(method_1a=="OTHER" && (($S2 && ($E1 || ($E2 && $R1 && !$Z) || ($E2 && $Z) || $E3)) || ($S4 && $E123) || ($S6 && ($E3 || ($E1 && $R1 && !$Z) || ($E1 && $Z))) || ($S8 && ($E1 || $E3 || ($E2 && $R1 && !$Z) || ($E2 && $Z))) || (($Qim || $Jim) && ($E123 || $M)))) ? "IMPLANT" : (method_1a=="OTHER" && (($Qin || $Jin) && ($E123 || $M))) ? "INJECTABLE" : (method_1a=="OTHER" && (($S3 && $E123) || ($Jlam && ($E123 || $M)))) ? "LAM" : "OTHER"

[24] method_2a:

((($S4 || $S7) && $E123)) ? "LAM" : (($S2 && $E2 && !$R1 && !$Z) || ($S5 && ((($E2 || $E1) && $R2) || $E3)) || ($S6 && ($E2 || ($E1 && !$R1 && !$Z))) || ($S8 & ($E2 && !$R1 && !$Z)) || ($Qiu || $Jiu) || (($Qpi||$Jpi|| $Qin || $Jin || $Jlam) && ($E1 || ($E2 && $R2 && !$Z) || ($E2 && $Z))) || ($Jiu && $M)) ? "IMPLANT" : "OTHER"

[25] method_2b:

(method_2a=="OTHER" && (($S1 && ($E2 || $E3 || ($E1 && $R1 && !$Z))) || ($S2 && (($E1 && !$R2 && !$Z) || ($E1 && $Z))) || ($S3 && ($E1 || ($E2 && !$R2 && !$Z) || ($E2 && $Z) || $E3)) || ($S5 && (($E2 || $E1) && !$R2)))) ? "PILL" : (method_2a=="OTHER" && ((($Qpi || $Jpi || $Qin || $Jin || $Jlam) && ($E3 || ($E2 && !$R2 && !$Z))) || (($Jim || $Jin || $Jpi || $Jlam) && $M))) ? "IUD" : "OTHER"

[26] method_2c:

(method_2b=="OTHER" && (($S1 && (($E1 && !$R1 && !$Z) || ($E1 && $Z))) || ($S2 && (($E2 && $R1 && !$Z) || ($E2 && $Z) || ($E1 && $R2 && !$Z) || $E3)) || ($S3 && $E2 && $R2 && !$Z) || ($S6 && (($E1 && $R1 && !$Z)|| ($E1 && $Z) || $E3)) || ($S8 && ($E1 || $E3 || ($E2 && $R1 && !$Z) || ($E2 && $Z))) || ($Qim || $Jim))) ? "IUD" : "OTHER"

[27] method_2:

(method_2a=="LAM" || method_2a=="IMPLANT") ? method_2a : (method_2a=="OTHER" && (method_2b=="PILL" || method_2b=="IUD")) ? method_2b : (method_2a=="OTHER" && method_2b=="OTHER" && method_2c=="IUD") ? method_2c : "NONE"

[28] method_3a:

(($S2 && $E1 && ((!$R2 && !$Z) || $Z)) || ($S3 && (($E2 && ((!$R2 && !$Z) ||$Z)) || ($E1 && $R3 && !$Z))) || ($S4 && $E2 && $R3 && !$Z) || (($Qpi || $Jpi || $Qin || $Jin || $Jlam) && ($E1 || ($E2 && $R2 && !$Z) || ($E2 && $Z)))) ? "IUD" : (($S8 && $E2 && $R3)) ? "INJECTABLE" : "OTHER"

[29] method_3b:

(method_3a=="OTHER" && ($S2 && ($E2 || $E3 || ($E1 && $R2))) || ($S3 && $E2 && $R2 && !$Z) || ($S4 && ($E1 || $E3 || ($E2 && !$R3 && !$Z) || ($E2 && $Z))) || ($S5 && ($E3 || (($E2 || $E1) && $R2))) || ($S6 && $E123) || ($S7 && (($E2 || $E1) && !$R3))) ? "PILL" : "OTHER"

[30] method_3d:

(method_3a=="OTHER" && method_3b=="OTHER" && method_3c=="OTHER" && ($S3 && ($E3 || ($E1 && !$R3 && !$Z) || ($E1 && $Z))) || ($S5 && (($E2 || $E1) && !$R2)) || ($S7 && ($E3 || (($E2 || $E1) && $R3))) || (($Qpi || $Jpi || $Qin || $Jin || $Jlam) && ($E3 || ($E2 && !$R2 && !$Z))) || (($Jin || $Jpi || $Jlam) && $M)) ? "IMPLANT" : "OTHER"

[31] method_3:

(method_3a=="IUD" || method_3a=="INJECTABLE") ? method_3a : (method_3a=="OTHER" && method_3b=="PILL") ? method_3b : (method_3a=="OTHER" && method_3b=="OTHER" && method_3c=="LAM") ? method_3c : (method_3a=="OTHER" && method_3b=="OTHER" && method_3c=="OTHER" && method_3d=="IMPLANT") ? method_3d : "NONE"

[32] method_4a:

(($S4 && $E2 && $R3 && !$Z) || ($S7 && ($E3 || (($E2 || $E1) && $R3))) || ($S8 && ($E1 || $E3)) || ($Jlam && $E123) || (($Qiu || $Jiu || $Qim || $Jim) && (($E2 || $E1) || ($E3 && !$R4))) || (($Jiu || $Jim || $Jlam) && $M)) ? "PILL" : (($S3 && ($E3 || ($E1 && ((!$R3 && !$Z) || $Z)))) || ($S4 && (($E1 || $E3) || ($E2 && !$R3 && !$Z) || ($E2 && $Z)))) ? "IUD" : "OTHER"

[33] method_4b:

(method_4a=="OTHER" && (($S1 && $E123) || ($S3 && ($E2 || ($E1 && $R3 && !$Z))) || ($S7 && (($E2 || $E1) && !$R3)))) ? "IMPLANT" : (method_4a=="OTHER" && (($S6 && $E2 && $R4) || ($S8 && $E2 && !$R3) || (($Qiu || $Jiu || $Qim || $Jim) && ($E3 && $R4)))) ? "INJECTABLE" : "OTHER"

[34] method_4c:

(method_4b=="OTHER" && (($S2 && $E123) || ($S5 && $E123) || ($S6 && (($E1 || $E3) || ($E2 && !$R4))) || ($S8 && $E2 && $R3) || (($Qpi || $Jpi || $Qin || $Jin) && $E123) || (($Jin || $Jpi) && $M))) ? "LAM" : "OTHER"

[35] method_4:

(method_4a=="IUD" || method_4a=="PILL") ? method_4a : (method_4a=="OTHER" && (method_4b=="IMPLANT" || method_4b=="INJECTABLE")) ? method_4b : (method_4a=="OTHER" && method_4b=="OTHER" && method_4c=="LAM") ? method_4c : "NONE"

[36] method_5a:

(($S8 && $E2) || ($Qin || $Jin) || (($Qiu || $Jiu || $Qim || $Jim) && ($E3 && $R4))) ? "PILL" : (($S6 && $E2 && $R4)) ? "LAM" : ((($S1 || $S2 || $S3 || $S4 || $S5 || $S7) && $E123) || ($S6 && $E2 && !$R4)) ? "INJECTABLE" : "OTHER"

[37] method_5b:

(method_5a=="OTHER" && (($S8 || $S6) && ($E1 || $E3)) || (($Qpi || $Jpi || $Jlam) && $E123) || (($Qiu || $Jiu || $Qim || $Jim) && ($E1 || $E2 || ($E3 && !$R4))) || (($Jin || $Jpi || $Jim || $Jiu || $Jlam) && $M)) ? "INJECTABLE" : "OTHER"

[38] context_mind:

// just use clients who did and did not answer the SE pref. questions... (patient_status=="New" && IsAnswered(increased_bleeding) && recruited==true && IsAnswered(decreased_bleeding) && IsAnswered(weight_gain)) ? 0 : // just use clients who did and did not answer the SE pref. questions... (patient_status=="New" && recruited==true && !IsAnswered(increased_bleeding) && !IsAnswered(decreased_bleeding) && !IsAnswered(weight_gain)) ? 1 : 0

[39] context:

// imagine a split on age and birth (context_mind==0 && age.InRange(15,24) && context_birth==1) ? 1 : (context_mind==0 && age.InRange(25,49) && context_birth==1) ? 2 : (context_mind==0 && age.InRange(15,24) && context_birth==0) ? 3 : (context_mind==0 && age.InRange(25,49) && context_birth==0) ? 4 : // method in mind folks (context_mind==1 && age.InRange(15,24) && context_birth==1) ? 5 : (context_mind==1 && age.InRange(25,49) && context_birth==1) ? 6 : (context_mind==1 && age.InRange(15,24) && context_birth==0) ? 7 : (context_mind==1 && age.InRange(25,49) && context_birth==0) ? 8 : 9

[40] winner_arm:

// non-method mind peeps (context!=9 && context_mind==0 && r.InRange(0,probs[(int)context].arm1)) ? 1 : (context!=9 && context_mind==0 && r.InRange(probs[(int)context].arm1,probs[(int)context].arm2)) ? 2 : (context!=9 && context_mind==0 && r.InRange(probs[(int)context].arm2,probs[(int)context].arm3)) ? 3 : (context!=9 && context_mind==0 && r.InRange(probs[(int)context].arm3,probs[(int)context].arm4)) ? 4 : (context!=9 && context_mind==0 && r.InRange(probs[(int)context].arm4,probs[(int)context].arm5)) ? 5 : (context!=9 && context_mind==0 && r.InRange(probs[(int)context].arm5,probs[(int)context].arm6)) ? 6 : (context!=9 && context_mind==0 && r.InRange(probs[(int)context].arm6,probs[(int)context].arm7)) ? 7 : (context!=9 && context_mind==0 && r.InRange(probs[(int)context].arm7,probs[(int)context].arm8)) ? 8 : // method minded folks (context!=9 && context_mind==1 && r.InRange(0,probs[(int)context].arm1)) ? 1 : (context!=9 && context_mind==1 && r.InRange(probs[(int)context].arm1,probs[(int)context].arm3)) ? 3 : (context!=9 && context_mind==1 && r.InRange(probs[(int)context].arm3,probs[(int)context].arm5)) ? 5 : (context!=9 && context_mind==1 && r.InRange(probs[(int)context].arm5,probs[(int)context].arm7)) ? 7 : // non included clients // method minded folks (context==9 && r.InRange(0,probs[(int)context].arm2)) ? 2 : (context==9 && r.InRange(probs[(int)context].arm2,probs[(int)context].arm4)) ? 4 : (context==9 && r.InRange(probs[(int)context].arm4,probs[(int)context].arm6)) ? 6 : (context==9 && r.InRange(probs[(int)context].arm6,probs[(int)context].arm8)) ? 8 : // default to control if bug 8

[41] price_iud:

// new patients get randomized prices (patient_status=="New" && winner_arm==1) ? 0 : (patient_status=="New" && winner_arm==2) ? 0 : (patient_status=="New" && winner_arm==3) ? 1000 : (patient_status=="New" && winner_arm==4) ? 1000 : (patient_status=="New" && winner_arm==5) ? 2000 : (patient_status=="New" && winner_arm==6) ? 2000 : (patient_status=="New" && winner_arm==7) ? 4000 : (patient_status=="New" && winner_arm==8) ? 4000 : //clients return from pilot (patient_status=="Return" && return_prices.InList(10,9)) ? 4000 : (patient_status=="Return" && return_prices.InList(8,7)) ? 2000 : (patient_status=="Return" && return_prices.InList(6,5)) ? 1000 : (patient_status=="Return" && return_prices.InList(4,3)) ? 150 : (patient_status=="Return" && return_prices.InList(2,1)) ? 0 : //default to 0

[42] price_imp:

// new patients get randomized prices (patient_status=="New" && winner_arm==1) ? 0 : (patient_status=="New" && winner_arm==2) ? 0 : (patient_status=="New" && winner_arm==3) ? 1000 : (patient_status=="New" && winner_arm==4) ? 1000 : (patient_status=="New" && winner_arm==5) ? 2000 : (patient_status=="New" && winner_arm==6) ? 2000 : (patient_status=="New" && winner_arm==7) ? 4000 : (patient_status=="New" && winner_arm==8) ? 4000 : //clients return from pilot (patient_status=="Return" && return_prices.InList(10,9)) ? 4000 : (patient_status=="Return" && return_prices.InList(8,7)) ? 2000 : (patient_status=="Return" && return_prices.InList(6,5)) ? 1000 : (patient_status=="Return" && return_prices.InList(4,3)) ? 150 : (patient_status=="Return" && return_prices.InList(2,1)) ? 0 : //default to 0

[43] price_pill:

// new patients get randomized prices (patient_status=="New") ? 1500 : //return clients get their old prices (patient_status=="Return" && return_prices.InList(10,8,6,4,2)) ? 1500 : (patient_status=="Return" && return_prices.InList(9,7,5,3,1)) ? 0 : 0

[44] price_inj:

// new patients get randomized prices (patient_status=="New") ? 1250 : //return clients get their old prices (patient_status=="Return" && return_prices.InList(10,8,6,4,2)) ? 1250 : (patient_status=="Return" && return_prices.InList(9,7,5,3,1)) ? 0 : 0

[45] winner_view:

(winner_arm==1) ? 2 : (winner_arm==2) ? 1 : (winner_arm==3) ? 2 : (winner_arm==4) ? 1 : (winner_arm==5) ? 2 : (winner_arm==6) ? 1 : (winner_arm==7) ? 2 : (winner_arm==8) ? 1 : // should not happen ever 0

[46] view:

// view==2 for seq // view 2 wins the draw (patient_status=="New" && path==1 && viewmustbeseq==false && winner_view==2) ? 2 : // patient is return and had already gotten view 2 (patient_status=="Return" && IsAnswered(view_past) && view_past==2) ? 2 : // return patients for reduced visit clients get sequential (patient_status=="Return" && q_version=="Reduced" && path==3) ? 2 : // clients who want a method for sure or are renewing their method get sequential (viewmustbeseq==true) ? 2 : // view==1 for sbs // view1 wins the draw (patient_status=="New" && path==1 && viewmustbeseq==false && winner_view==1) ? 1 : // patient is return and had already gotten view1 (patient_status=="Return" && IsAnswered(view_past) && view_past==1 && viewmustbeseq==false) ? 1 : // patients aged younger than 15 or older than 49 (!age.InRange(15,49)) ? 1 : // default to sbs otherwise, 1

[47] view_r:

// view 2 wins the draw (patient_status=="New" && winner_view==2 && path==1) ? "RP" : // or view1 wins the draw (patient_status=="New" && winner_view==1 && path==1) ? "D-SQ" : // default to sbs otherwise, "D-SQ"

[48] method1_sbs:

(!$JNonModern && methods[(int)r_view].m1==1) ? "DIU - Cuivre" : (!$JNonModern && methods[(int)r_view].m1==2) ? "IMPLANT" : (!$JNonModern && methods[(int)r_view].m1==3) ? "MAMA" : (!$JNonModern && methods[(int)r_view].m1==4 && $IN_COC) ? "PILL - COC" : (!$JNonModern && methods[(int)r_view].m1==4 && !$IN_COC && $IN_POP) ? "PILL - POP" : (!$JNonModern && methods[(int)r_view].m1==5) ? "INJECTABLE" : ($JNonModern) ? "NONE" : "NONE"

[49] method2_sbs:

(!$JNonModern && methods[(int)r_view].m2==1) ? "DIU - Cuivre" : (!$JNonModern && methods[(int)r_view].m2==2) ? "IMPLANT" : (!$JNonModern && methods[(int)r_view].m2==3) ? "MAMA" : (!$JNonModern && methods[(int)r_view].m2==4 && $IN_COC) ? "PILL - COC" : (!$JNonModern && methods[(int)r_view].m2==4 && !$IN_COC && $IN_POP) ? "PILL - POP" : (!$JNonModern && methods[(int)r_view].m2==5) ? "INJECTABLE" : ($JNonModern) ? "NONE" : "NONE"

[50] method3_sbs:

(!$JNonModern && methods[(int)r_view].m3==1) ? "DIU - Cuivre" : (!$JNonModern && methods[(int)r_view].m3==2) ? "IMPLANT" : (!$JNonModern && methods[(int)r_view].m3==3) ? "MAMA" : (!$JNonModern && methods[(int)r_view].m3==4 && $IN_COC) ? "PILL - COC" : (!$JNonModern && methods[(int)r_view].m3==4 && !$IN_COC && $IN_POP) ? "PILL - POP" : (!$JNonModern && methods[(int)r_view].m3==5) ? "INJECTABLE" : ($JNonModern) ? "NONE" : "NONE"

[51] method4_sbs:

(!$JNonModern && methods[(int)r_view].m4==1) ? "DIU - Cuivre" : (!$JNonModern && methods[(int)r_view].m4==2) ? "IMPLANT" : (!$JNonModern && methods[(int)r_view].m4==3) ? "MAMA" : (!$JNonModern && methods[(int)r_view].m4==4 && $IN_COC) ? "PILL - COC" : (!$JNonModern && methods[(int)r_view].m4==4 && !$IN_COC && $IN_POP) ? "PILL - POP" : (!$JNonModern && methods[(int)r_view].m4==5) ? "INJECTABLE" : ($JNonModern) ? "NONE" : "NONE"

[52] method5_sbs:

(!$JNonModern && methods[(int)r_view].m5==1) ? "DIU - Cuivre" : (!$JNonModern && methods[(int)r_view].m5==2) ? "IMPLANT" : (!$JNonModern && methods[(int)r_view].m5==3) ? "MAMA" : (!$JNonModern && methods[(int)r_view].m5==4 && $IN_COC) ? "PILL - COC" : (!$JNonModern && methods[(int)r_view].m5==4 && !$IN_COC && $IN_POP) ? "PILL - POP" : (!$JNonModern && methods[(int)r_view].m5==5) ? "INJECTABLE" : ($JNonModern) ? "NONE" : "NONE"

[53] show_method1:
(method1=="DIU - Cuivre" && ((!$IN_IUD && $NoContraindications==false))) ? false : (method1=="IMPLANT" && ((!$IN_IMPLANT && $NoContraindications==false))) ? false : ((method1=="PILL - COC" && ((!$IN_COC && $NoContraindications==false))) || (method1=="PILL - POP" && ((!$IN_POP && $NoContraindications==false)))) ? false : (method1=="INJECTABLE" && ((!$IN_INJECTABLE && $NoContraindications==false))) ? false : (method1=="MAMA" && $Pregnant==true) ? true : (method1=="MAMA" && !$IN_LAM) ? false : (method1=="NONE") ? false : true

[54] show_method2:
(method2=="DIU - Cuivre" && ((!$IN_IUD && $NoContraindications==false))) ? false : (method2=="IMPLANT" && ((!$IN_IMPLANT && $NoContraindications==false))) ? false : ((method2=="PILL - COC" && ((!$IN_COC && $NoContraindications==false))) || (method2=="PILL - POP" && ((!$IN_POP && $NoContraindications==false)))) ? false : (method2=="INJECTABLE" && ((!$IN_INJECTABLE && $NoContraindications==false))) ? false : (method2=="MAMA" && $Pregnant==true) ? true : (method2=="MAMA" && !$IN_LAM) ? false : (method2=="NONE") ? false : true

[55] show_method3:
(method3=="DIU - Cuivre" && ((!$IN_IUD && $NoContraindications==false))) ? false : (method3=="IMPLANT" && ((!$IN_IMPLANT && $NoContraindications==false))) ? false : ((method3=="PILL - COC" && ((!$IN_COC && $NoContraindications==false))) || (method3=="PILL - POP" && ((!$IN_POP && $NoContraindications==false)))) ? false : (method3=="INJECTABLE" && ((!$IN_INJECTABLE && $NoContraindications==false))) ? false : (method3=="MAMA" && $Pregnant==true) ? true : (method3=="MAMA" && !$IN_LAM) ? false : (method3=="NONE") ? false : true

[56] show_method4:
(method4=="DIU - Cuivre" && ((!$IN_IUD && $NoContraindications==false))) ? false : (method4=="IMPLANT" && ((!$IN_IMPLANT && $NoContraindications==false))) ? false : ((method4=="PILL - COC" && ((!$IN_COC && $NoContraindications==false))) || (method4=="PILL - POP" && ((!$IN_POP && $NoContraindications==false)))) ? false : (method4=="INJECTABLE" && ((!$IN_INJECTABLE && $NoContraindications==false))) ? false : (method4=="MAMA" && $Pregnant==true) ? true : (method4=="MAMA" && !$IN_LAM) ? false : (method4=="NONE") ? false : true

[57] show_method5:
(method5=="DIU - Cuivre" && ((!$IN_IUD && $NoContraindications==false))) ? false : (method5=="IMPLANT" && ((!$IN_IMPLANT && $NoContraindications==false))) ? false : ((method5=="PILL - COC" && ((!$IN_COC && $NoContraindications==false))) || (method5=="PILL - POP" && ((!$IN_POP && $NoContraindications==false)))) ? false : (method5=="INJECTABLE" && ((!$IN_INJECTABLE && $NoContraindications==false))) ? false : (method5=="MAMA" && $Pregnant==true) ? true : (method5=="MAMA" && !$IN_LAM) ? false : (method5=="NONE") ? false : true

[58] date_4weeks:
(path.InList(1,2,3) && IsAnswered(birth_date)) ? birth_date.Value.Date.AddDays(28).ToString("dddd, MMMM dd") : (path.InList(4) && IsAnswered(birth_date2)) ? birth_date2.Value.Date.AddDays(28).ToString("dddd, MMMM dd") : ""

[59] date_6weeks:
(path.InList(1,2,3) && IsAnswered(birth_date)) ? birth_date.Value.Date.AddDays(42).ToString("dddd, MMMM dd") : (path.InList(4) && IsAnswered(birth_date2)) ? birth_date2.Value.Date.AddDays(42).ToString("dddd, MMMM dd") : ""

[60] coc_reason1:
((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date && exclusive_breastfeeding.InList(2,0)) || (IsAnswered(birth_date2) && birth_date2.Value.AddDays(42)>=interview_date && exclusive_breastfeeding2.InList(2,0))) ? "- La patiente a accouche dans les derniers 42 jours" : ""

[61] coc_reason2:
((IsAnswered(birth_date) && birth_date.Value.AddMonths(6)>=interview_date && exclusive_breastfeeding.InList(1)) || (IsAnswered(birth_date2) && birth_date2.Value.AddMonths(6)>=interview_date && exclusive_breastfeeding2.InList(1))) ? "- La patiente a accouche dans les dernier 6 mois et allaite son enfant exclusivement" : ""

[62] coc_reason3:
((IsAnswered(medical_history) && medical_history.ContainsAny(1)) || (sys_bp >= 140 || dia_bp >= 90)) ? "- La patiente a un historique de hypertension (HTA), ou sa pression arterielle systolique est>=140 ou diastolique>=90" : ""

[63] injectable_reason1:
((IsAnswered(birth_date) && birth_date.Value.AddDays(42)>=interview_date && exclusive_breastfeeding.InList(1)) || (IsAnswered(birth_date2) && birth_date2.Value.AddDays(42)>=interview_date && exclusive_breastfeeding2.InList(1))) ? "- La patiente a accouche dans les dernieres 6 semaines et allaite son enfant exclusivement" : ""

[64] injectable_reason4:
(medical_history.Contains(1) && (medical_history.ContainsAny(3,8) || age>35)) ? "- La patiente a un historique de hypertension et au moins une de ces autres conditions: est fumeuse, agee de plus de 35 ans, ou diabetique" : ""

[65] moveon_1:
// refused to discuss (discuss1==0) // OR does not want to adopt || adopt1.InList(0,2) // OR chose LAM and wants to consider others || lam1==1 // OR did not leave with the method for any reason and wants to consider other methods || (leave1==0 && consider_comeback1==2)

[66] moveon_2:
// refused to discuss discuss2==0 // OR does not want to adopt || adopt2.InList(0,2) // OR chose LAM and wants to consider others || lam2==1 // OR did not leave with the method for any reason and wants to consider other methods || (leave2==0 && consider_comeback2==2)

[67] moveon_3:
// refused to discuss discuss3==0 // OR does not want to adopt || adopt3.InList(0,2) // OR chose LAM and wants to consider others || lam3==1 // OR did not leave with the method for any reason and wants to consider other methods || (leave3==0 && consider_comeback3==2)

[68] moveon_4:
// refused to discuss (discuss4==0) // OR does not want to adopt || adopt4.InList(0,2) // OR chose LAM and wants to consider others || lam4==1 // OR did not leave with the method for any reason and wants to consider other methods || (leave4==0 && consider_comeback4==2)

[69] moveon_5:
// refused to discuss (discuss5==0) // OR does not want to adopt || adopt5.InList(0,2) // OR chose LAM and wants to consider others (only for sbs) || lam5==1 // OR did not leave with the method for any reason and wants to consider other methods || (leave5==0 && consider_comeback5==2)

[70] choice_made:

(adopt1==1 && (leave1==1 || lam1==1 || (leave1==0 && (consider_comeback1.InList(1,3) || whyleave1.ContainsAny(5,6,7,8,9,10,11))))) ||
(adopt2==1 && (leave2==1 || lam2==1 || (leave2==0 && (consider_comeback2.InList(1,3) || whyleave2.ContainsAny(5,6,7,8,9,10,11))))) ||
(adopt3==1 && (leave3==1 || lam3==1 || (leave3==0 && (consider_comeback3.InList(1,3) || whyleave3.ContainsAny(5,6,7,8,9,10,11))))) ||
(adopt4==1 && (leave4==1 || lam4==1 || (leave4==0 && (consider_comeback4.InList(1,3) || whyleave4.ContainsAny(5,6,7,8,9,10,11))))) ||
(adopt5==1 && (leave5==1 || lam5==1 || (leave5==0 && (consider_comeback5.InList(1,3) || whyleave5.ContainsAny(5,6,7,8,9,10,11)))))

[71] profession_register:

(profession_cat.InList(1,2,3,99)) ? profession_sp : (profession_cat.InList(4)) ? "Menagere" : (profession_cat.InList(5)) ? "Étudiante" :
(profession_cat.InList(6)) ? "Apprentissage ou formation " : (profession_cat.InList(7)) ? "Sans emploi" : "..."

[72] pec:

(path.InList(1,2) && current_method_list.InList(1,2,3,4) && method_experience==2 && IsAnswered(issue_method)) || (path==4 &&
current_method_list_r.InList(1,2,3,4) && IsAnswered(issue_method_r)) ? "Oui" : "Non"

[73] price_coc_pec:

//new clients get full price (patient_status=="New") ? "500 CFA" : // return clients get whatever price they got randomized into the first time
(patient_status=="Return" && path.InList(2,4) && return_prices.InList(10,8,6,4,2)) ? "500 CFA" : (patient_status=="Return" && path.InList(2,4) &&
return_prices.InList(9,7,5,3,1)) ? "0 CFA - Gratuit" : (patient_status=="Return" && path.InList(2,4) && return_prices.InList(11,12,13,14)) ? "500
CFA" : // default to full price for errors... "500 CFA"

[74] removal_price:

(patient_status=="New") ? "Prix normal" : (patient_status=="Return") ? "0 CFA - Gratuit" : "Prix normal" //
(interview_date.Value.Date>=experiment_start_date.Value.Date) ? "0 CFA - Gratuit" : "Prix normal"

[75] removal_ask:

// intro removal OR in consultation quick removal path==5 || method_experience==3 || // NEW clients // happy client who needs to renew
(current_method_list.InList(1,2) && method_experience==1 && (larc_renewal_due==1 || larc_renewal_due==2)) || // unhappy client
(current_method_list.InList(1,2) && method_experience==2 && IsAnswered(issue_method) && // who is convinced to keep the method, and is
almost due for renewal and decided to renew (((use_see_improve==1 || continue_method==1) && larc_renewal_due.InList(1,2)) || // who is
unhappy and wants the method removed (use_see_improve==0 || continue_method==0))) || //RETURN clients // unhappy client
(current_method_list_r.InList(1,2) && IsAnswered(issue_method_r) && // who is convinced to keep the method, and is almost due for renewal
and decided to renew (((use_see_improve_r==1 || continue_method_r==1) && larc_renewal_due_r.InList(1,2)) || // who is unhappy and wants
the method removed (use_see_improve_r==0 || continue_method_r==0)))

[76] C:

//not in age range (!age.InRange(15,49)) ? "Non" : // return client use consent past (patient_status=="Return" && consent_ask==true &&
consent_past==1) ? "Oui" : (patient_status=="Return" && consent_ask==true && consent_past==0) ? "Non" : (patient_status=="Return" &&
consent_ask==true && consent_past==99) ? "N/A" : (patient_status=="Return" && consent_ask==false) ? "Non" : // new ineligible adult clients
(patient_status=="New" && consent_ask==false) ? "Non" : // new adults (patient_status=="New" && consent_ask==true && age>=18 &&
(consent_start==1)) ? "Oui" : (patient_status=="New" && consent_ask==true && age>=18 && (consent_start==0)) ? "Non" : // new emancipated
minor clients (patient_status=="New" && consent_ask==true && age.InRange(15,17) && non_emancipated_minor==false &&
(consent_start==1)) ? "Oui" : (patient_status=="New" && consent_ask==true && age.InRange(15,17) && non_emancipated_minor==false &&
(consent_start==0)) ? "Non" : // minor non-emancipated client did not give consent (patient_status=="New" && consent_ask==true &&
age.InRange(15,17) && non_emancipated_minor==true && (consent_start==0)) ? "Non" : // minor non-emancipated gave and parents did too
(patient_status=="New" && consent_ask==true && age.InRange(15,17) && non_emancipated_minor==true && (consent_start==1) &&
(consent_parents_start==1)) ? "Oui" : // minor non-emancipated gave and parents did not (patient_status=="New" && consent_ask==true &&
age.InRange(15,17) && non_emancipated_minor==true && (consent_start==1) && (consent_parents_start==0)) ? "Non" : // minor non-
emancipated gave and parents not reached (patient_status=="New" && consent_ask==true && age.InRange(15,17) &&
non_emancipated_minor==true && (consent_start==1) && (consent_parents_start==99)) ? "N/A" : "issue"

[77] name:

(C=="Oui" && IsAnswered(name_start)) ? name_start : (C=="N/A" && IsAnswered(name_start)) ? name_start : //(C=="Oui" &&
IsAnswered(name_end)) ? name_end : (C=="Oui" && consent_past==1) ? name_return : "..."

[78] phone:

(C=="Oui" && IsAnswered(phone_start)) ? phone_start : (C=="N/A" && IsAnswered(phone_start)) ? phone_start : //(C=="Oui" &&
IsAnswered(phone_end)) ? phone_end : (C=="Oui" && consent_past==1) ? phone_return : "..."

APPENDIX C — CATEGORIES FILTERS

[1] what_to_do_lam: What would you like to do?

// LAM and nothing else or a chosen method that the client does not want to adopt (chosen_return_method.InList(0) && !@optioncode.InList(2,4,5)) || (chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(0) && !@optioncode.InList(2,4,5)) || // LAM and X X (chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4) && chosen_return_method==adopted_return_method && !@optioncode.InList(5)) || // LAM and X Y (chosen_return_method.InList(1,2,3,4) && adopted_return_method.InList(1,2,3,4) && chosen_return_method!=adopted_return_method)

Legend and structure of information in this file

Name of section

Enabling condition for this section

Type of question, scope

Variable name

Question title

Answer options

SECTION 5: OTHER INCOME SOURCES
E s4_other_sources_which.Contains(98)

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?

I **This refers to family relations**
E s3_time_other > 0
V1 s4_rel_leaders_which.Contains(98)
M1 **Can not be itself**
V2 (s3_time_other_breeding_advice <= (50 - s3_time_art_in-sem_advice)) ||s3_time_other_breeding_advice == 0
M2 **This person is not in the list**
F optioncode != s5_ignored_option_code

MULTI-SELECT
SCOPE: PREFILLED

s4_rel_leaders_other

01 ☐ **Community animal health workers**

02 ☐ **Private**

03 ☐ **Government**

04 ☐ **Livestock keepers association**

05 ☐ **NGO**

And **5 other [13]**

Additional information:
 "I" — **Question instruction**
 "E" — **Enabling condition**
 "V1" — **Validation condition №1**
 "M1" — **Message for validation №1**
 "F" — **Filter in Categorical questions**

Link to full set in appendix

Breadcrumbs

Type or roster

Roster Title

CHAPTER 3 IDENTIFICATION /
Roster: **LEADER RELATION DETAILS**
generated by fixed list:

01 **Ward Livestock Officer**

02 **Village Livestock Officer**

99 **Other (specify)**

List items