

HGOPY_07_Public

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: 32.

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

*SURVEY IDENTIFICATION INFORMATION
QUESTIONNAIRE DESCRIPTION*

Basic information

Title HGOPI_07_Public

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 (2019, 09, 1)) - 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(1)	STRING n0
VARIABLE added_up_string.Substring(added_up_string.Length-6).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: %n0% - %n1% - %n2% - %n3% - %n4%

VARIABLE true	BOOLEAN view_prices
VARIABLE true	BOOLEAN view_view
VARIABLE false	BOOLEAN view_text
VARIABLE true	BOOLEAN consent_ask
VARIABLE patient_status=="New"	BOOLEAN ask_for_consent This variable is excluded from the exported data
VARIABLE age<18 && !marital_status.InList(2,3,4,6) && IsAnswered(marital_status)	BOOLEAN non_emancipated_minor
VARIABLE (IsAnswered(numero_dossier)) ? numero_dossier : (IsAnswered(numero_dossier2)) ? numero_dossier2 : "..."	STRING DM
Department of the client E IsAnswered(interview_date)	SINGLE-SELECT ward 01 <input type="radio"/> Planning familial (Initiative p ersonelle) 02 <input type="radio"/> Gynécologie – hospitalisatio n / réanimation 03 <input type="radio"/> Gynécologie – externe / con sultation prénatales 04 <input type="radio"/> Maternité 05 <input type="radio"/> Pédiatrie – Néonatalogie 06 <input type="radio"/> Pédiatrie – externe 07 <input type="radio"/> Urgences 08 <input type="radio"/> 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	pIedge
01	<input type="checkbox"/> The purpose of the session is to talk about her life and objectives
02	<input type="checkbox"/> You will discuss the importance of spacing pregnancies, safe sex, and contraceptive methods
03	<input type="checkbox"/> This consultation is completely confidential, and she can stop it at any time for any reason
04	<input type="checkbox"/> She should speak freely and ask all the questions she wants to ask
05	<input type="checkbox"/> 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 December 2019!
 E pIedge.ContainsAll (1,2,3,4,5)

SINGLE-SELECT	return_patient
00	<input type="radio"/> No - client has NOT received a consultation (FIRST TIME client)
01	<input type="radio"/> 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_date) && IsAnswered(age_dob_dk)) ? age_dob_dk : 99

LONG	age
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VARIABLE
 woman_birth_date.Value.Date.ToString("d MMM yyyy")

STRING	woman_birth_date_string
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What is your marital status?

E ((patient_status=="New" && (IsAnswered(age_dob_dk) || IsAnswered(woman_birth_date))) && (IsAnswered(woman_birth_date) || IsAnswered(age_dob_dk)))

SINGLE-SELECT	marital_status
01	<input type="radio"/> Single
04	<input type="radio"/> Unmarried couple (cohabiting)
02	<input type="radio"/> Married - monogamous
03	<input type="radio"/> Married - polygamous
05	<input type="radio"/> Separated/Divorced
06	<input type="radio"/> 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)

Veillez enregistrer le consentement dans la section below.

ADMINISTRATIVE INFO

CONSENT - FOLLOW-UP PHONE CALLS

consent_sec_start

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.*

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

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.

<p>Phone number for the PARENTS:</p> <p>E //minor and parents consented also consent_parents_start==99</p>	<p>TEXT phone_parents_start</p> <p>.....</p>
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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== [And 63 other symbols \[45\]](#)

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

<p>Phone number ALTERNATIVE:</p>	<p>TEXT phone_other_start</p>
<p>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== And 63 other symbols [4]</p>	<p>.....</p>
<p>Whose phone is this?</p>	<p>TEXT phone_other_notes_start</p>
<p>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== And 63 other symbols [5]</p>	<p>.....</p>
<p>Phone number ALTERNATIVE 2:</p>	<p>TEXT phone_other2_start</p>
<p>E patient_status=="New" && // adult consented (consent_start==1 && (age>=18 (age.InRange(15,17) && non_emancipated_minor==false)))</p>	<p>.....</p>
<p>Whose phone is this?</p>	<p>TEXT phone_other2_notes_start</p>
<p>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)))</p>	<p>.....</p>
<p>Please read these numbers out to the client</p>	<p>SINGLE-SELECT numbers_check_start</p>
<p>Are these phone numbers correct: Tel : %phone_start% Tel : %phone_parents_start% Tel : %phone_other_start% Tel : %phone_other2_start%</p>	<p>01 <input type="radio"/> Yes 00 <input type="radio"/> No</p>
<p>E IsAnswered(phone_start) V1 self!=0 M1 Please go back and correct them!</p>	
<p>Langue préférée?</p>	<p>SINGLE-SELECT language</p>
<p>E IsAnswered(phone_start)</p>	<p>01 <input type="radio"/> Francais 02 <input type="radio"/> Anglais</p>
<p>What is the highest level of education completed?</p>	<p>SINGLE-SELECT education_level</p>
<p>E patient_status=="New" && IsAnswered(marital_status) && (IsSectionAnswered(consent_sec_start) age.InRange(15,49))</p>	<p>01 <input type="radio"/> University and above 02 <input type="radio"/> High school 03 <input type="radio"/> Secondary 04 <input type="radio"/> Primary 05 <input type="radio"/> None or Nursery</p>
<p>What is your primary activity?</p>	<p>SINGLE-SELECT profession_cat</p>
<p>E patient_status=="New" && IsAnswered(education_level)</p>	<p>01 <input type="radio"/> Business owner / entrepreneur 02 <input type="radio"/> Trader 03 <input type="radio"/> Salaried worker 04 <input type="radio"/> Domestic activities 05 <input type="radio"/> Student 06 <input type="radio"/> Unpaid apprenticeship or training, volunteer work, community work 07 <input type="radio"/> Unemployed 99 <input type="radio"/> Other</p>

<p>Please specify the primary activity:</p> <p>E profession_cat.InList(1,3,99)</p>	<p>TEXT profession_sp</p> <p>.....</p>
<p>What is your religion?</p> <p>E patient_status=="New" && IsAnswered(profession_cat)</p>	<p>SINGLE-SELECT religion</p> <p>01 <input type="radio"/> None</p> <p>02 <input type="radio"/> Catholic</p> <p>03 <input type="radio"/> Protestant</p> <p>04 <input type="radio"/> Muslim</p> <p>05 <input type="radio"/> Traditional</p> <p>99 <input type="radio"/> Others</p>
<p>Which neighbourhood are you from?</p> <p>E patient_status=="New" && IsAnswered(religion)</p>	<p>TEXT neighbourhood</p> <p>.....</p>
<p>Were you given a card (like this one) with your chosen method and other information on it? Do you have it with you?</p> <p>E return_patient==1</p>	<p>SINGLE-SELECT return_card</p> <p>01 <input type="radio"/> Yes - client has card with her</p> <p>02 <input type="radio"/> Yes - was given a card but client does NOT have card with her</p> <p>00 <input type="radio"/> No - was NOT given a card</p>
<p>No problem. let's find your information in the register.</p> <p>E return_card.InList(2)</p>	<p>SINGLE-SELECT return_register</p> <p>01 <input type="radio"/> Client's information found in register</p> <p>00 <input type="radio"/> Client's information could NOT be found in the register</p>
<p>Unique card code:</p> <p><i>If you absolutely cannot find the client's card number, please enter it as 00-00-00-00.</i></p> <p><i>If the client's code has 8 digits (like this: XX-XX-XX-XX), please enter it as 0-XX-XX-XX-XX!</i></p> <p>E patient_status=="Return"</p>	<p>TEXT card_id_return</p> <p>.....</p>
<p>Numero de dossier?</p> <p>E patient_status=="Return"</p>	<p>TEXT numero_dossier</p> <p>.....</p>
<p>Consented to follow up interviews?</p> <p><i>Only clients who received their first consultation after %experiment start date s% should have given consent!</i></p> <p>E patient_status=="Return" && age.InRange(15,49)</p>	<p>SINGLE-SELECT consent_past</p> <p>01 <input type="radio"/> C-OUI</p> <p>00 <input type="radio"/> C-NON</p> <p>99 <input type="radio"/> C-N/A</p>
<p>Name</p> <p>E (patient_status=="Return" && consent_past==1)</p>	<p>TEXT name_return</p> <p>.....</p>
<p>Phone number</p> <p>E (patient_status=="Return" && consent_past==1)</p>	<p>TEXT phone_return</p> <p>.....</p>

<p>VARIABLE</p> <pre>// 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 (</pre> <p>And 155 other symbols f11</p>	<p>STRING</p> <p>patient_status</p>
<p>View</p> <p>E patient_status=="Return" && IsAnswered(card_id_return)</p>	<p>SINGLE-SELECT</p> <p>view_past</p> <p>01 <input type="radio"/> D-SQ</p> <p>02 <input type="radio"/> RP</p>
<p>Date of previous visit (from card)</p> <p>E patient_status=="Return" && (return_card==1 return_re gister==1) && IsAnswered(view_past)</p> <p>V1 self.InRange(new DateTime (2019, 5, 01),interview_date)</p> <p>M1 ERROR: Either this date is in the future or this card was given before th e 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.</p>	<p>DATE</p> <p>return_date</p> <p>.....</p>
<p>Price set</p> <p>E patient_status=="Return" && (return_card==1 return_re gister==1) && IsAnswered(return_date)</p>	<p>SINGLE-SELECT</p> <p>return_prices</p> <p>10 <input type="radio"/> 10</p> <p>09 <input type="radio"/> 9</p> <p>08 <input type="radio"/> 8</p> <p>07 <input type="radio"/> 7</p> <p>06 <input type="radio"/> 6</p> <p>05 <input type="radio"/> 5</p> <p>04 <input type="radio"/> 4</p> <p>03 <input type="radio"/> 3</p> <p>02 <input type="radio"/> 2</p> <p>01 <input type="radio"/> 1</p>
<p>LAM</p> <p>E patient_status=="Return" && (return_card==1 return_re gister==1) && IsAnswered(return_prices)</p>	<p>SINGLE-SELECT</p> <p>lam_return_method</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>CHOSEN modern method</p> <p>E patient_status=="Return" && (return_card==1 return_re gister==1) && IsAnswered(lam_return_method)</p>	<p>SINGLE-SELECT</p> <p>chosen_return_method</p> <p>01 <input type="radio"/> IUD</p> <p>02 <input type="radio"/> Implant</p> <p>03 <input type="radio"/> Pill (COC or POP)</p> <p>04 <input type="radio"/> Injectable</p> <p>00 <input type="radio"/> None / Other</p>
<p>ADOPTED modern method</p> <p>E patient_status=="Return" && (return_card==1 return_re gister==1) && IsAnswered(chosen_return_method) && chosen _return_method!=0</p>	<p>SINGLE-SELECT</p> <p>adopted_return_method</p> <p>01 <input type="radio"/> IUD</p> <p>02 <input type="radio"/> Implant</p> <p>03 <input type="radio"/> Pill (COC or POP)</p> <p>04 <input type="radio"/> Injectable</p> <p>00 <input type="radio"/> None / Other</p>
<p>Are you here to adopt the %chosen_return_me thod%?</p> <p>E patient_status=="Return" && chosen_return_method.InList(1,2,3,4) && adopted_return_method==0</p>	<p>SINGLE-SELECT</p> <p>return_adopt</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>

<p>What would you like to do?</p> <p>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.</p> <p>E 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_ And 31 other symbols [1]</p>	<p>SINGLE-SELECT what_to_do_xx</p> <p>04 <input type="radio"/> Renew ADOPTED method</p> <p>01 <input type="radio"/> Switch/Consider other methods</p> <p>02 <input type="radio"/> Discuss issues with current method (e.g. side effects, etc.)</p> <p>03 <input type="radio"/> Would like to get pregnant</p>
<p>What would you like to do?</p> <p>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.</p> <p>E 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) And 48 other symbols [2]</p>	<p>SINGLE-SELECT what_to_do_xy</p> <p>05 <input type="radio"/> Adopt the CHOSEN method</p> <p>04 <input type="radio"/> Renew the ADOPTED method</p> <p>01 <input type="radio"/> Switch/Consider other methods</p> <p>02 <input type="radio"/> Discuss issues with current method (e.g. side effects, etc.)</p> <p>03 <input type="radio"/> Would like to get pregnant</p>
<p>What would you like to do?</p> <p>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.</p> <p>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_return_method.InList(1,2,3,4) And 384 other symbols [1]</p> <p>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(1,2,3,4) And 179 other symbols [3]</p>	<p>SINGLE-SELECT what_to_do_lam</p> <p>01 <input type="radio"/> Adopt / consider OTHER methods</p> <p>05 <input type="radio"/> Adopt the CHOSEN method</p> <p>04 <input type="radio"/> Renew the ADOPTED method</p> <p>02 <input type="radio"/> Discuss issues with current method</p> <p>06 <input type="radio"/> Discuss issues with LAM (e.g. side effects, etc.)</p> <p>03 <input type="radio"/> Would like to get pregnant</p>
<p>VARIABLE</p> <p>// 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</p> <p>And 163 other symbols [2]</p>	<p>LONG return_method</p>
<p>VARIABLE</p> <p>// 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 n</p> <p>And 2938 other symbols [3]</p>	<p>STRING q_version</p>
<p>VARIABLE</p> <p>// full new consultation == 1 (q_version=="Full" && patient_status=="New" && IsAnswered(neighbourhood)) ? 1 : // full return consultation == 2 (q_version=="Full" && patient_status=="Return") ? 2 :</p> <p>And 177 other symbols [4]</p>	<p>LONG path</p>

<p>VARIABLE</p> <p>(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_d</p> <p>And 395 other symbols f51</p>	<p>STRING</p> <p>discuss_method</p>
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<p>VARIABLE</p> <p>(return_method==1) ? "IUD" : (return_method==2) ? "IMPLANT" : (return_method==3) ? "PILL" : (return_method==4) ? "INJECTABLE" : "NONE"</p>	<p>STRING</p> <p>return_method_s</p>
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<p>STATIC TEXT</p> <p>E view_text==true</p> <p><i>patient status : %patient_status%</i></p> <p><i>q version : %q_version%</i></p> <p><i>path : %path%</i></p> <p><i>return method : %return_method% / %return_method_s%</i></p> <p><i>discuss method: %discuss_method%</i></p>	
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<p>STATIC TEXT</p> <p>E what_to_do_xx.InList(3) what_to_do_xy.InList(3) what_to_do_lam.InList(3)</p> <p><i>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).</i></p>	
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<p>The consultation is finished. Please press the button below to record the end date and time of the consultation.</p> <p>E (what_to_do_xx.InList(3) what_to_do_xy.InList(3) what_to_do_lam.InList(3))</p>	<p>DATE: CURRENT TIME</p> <p>interview_end6</p> <p>.....</p>
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<p>Have you provided the client with condoms? If not please provide condoms to the client.</p> <p>E what_to_do_xx.InList(3) what_to_do_xy.InList(3) what_to_do_lam.InList(3)</p>	<p>SINGLE-SELECT</p> <p>provided_condoms2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
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<p>STATIC TEXT</p>	
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FERTILITY AND BIRTHS

E path.InList(1,2,3)

<p>Is the client currently <u>knowingly</u> pregnant?</p>	<p>SINGLE-SELECT pregnant_client</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
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E path.InList(1,2)

STATIC TEXT

E pregnant_client==1

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

<p>In how many months is the birth due?</p> <p>I If the child is due this month, enter 1 month</p> <p>E pregnant_client==1</p> <p>V1 self.InRange(1,9) self== -99</p> <p>M1 The number of months should range from 1 to 9!</p>	<p>NUMERIC: INTEGER delivery_months</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>-99 <input type="radio"/> Not sure/Don't know</p>
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<p>Do you plan on having children in the future?</p> <p>I Please provide a short discussion on delaying pregnancy or healthy spacing of pregnancies.</p> <p>E path.InList(1,2) & pregnant_client==0</p>	<p>SINGLE-SELECT more_children</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> Not sure/Don't know</p> <p>00 <input type="radio"/> No</p>
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<p>Do you plan on having children after this pregnancy?</p> <p>I Please provide a short discussion on delaying pregnancy or healthy spacing of pregnancies.</p> <p>E pregnant_client==1</p>	<p>SINGLE-SELECT more_children_pregnant</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> Not sure/Don't know</p> <p>00 <input type="radio"/> No</p>
--	---

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.

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

<p>How long would you like to wait before getting pregnant?</p> <p>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]))</p>	<p>SINGLE-SELECT spacing_info</p> <p>01 <input type="radio"/> Less than 12 months (1 year)</p> <p>02 <input type="radio"/> 1-3 years</p> <p>03 <input type="radio"/> More than 3 years</p> <p>04 <input type="radio"/> Don't know/Not sure</p>
---	---

<p>How many pregnancies have you had?</p> <p>I Please count ALL pregnancies, including abortions, premature births, etc...</p> <p>E patient_status=="New" && (IsAnswered(spacing_info) more_children.InList(0) more_children_pregnant.InList(0))</p> <p>W1 self<20</p> <p>M1 This seems like a very high value, are you sure it is correct?</p> <p>V2 !(self==0 && pregnant_client==1)</p> <p>M2 If the client is currently pregnant she must have had at least 1 pregnancy!</p> <p>V3 self>=0</p> <p>M3 The value cannot be negative!</p> <p>V4 self<50</p> <p>M4 This value is much too high, please check again!</p>	<p>NUMERIC: INTEGER number_pregnancies</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>00 <input type="radio"/> None</p>
<p>VARIABLE</p> <p>(pregnant_client==1) ? 1 : 0</p>	<p>LONG pregnant_dummy</p>
<p>How many abortions have you had?</p> <p>E IsAnswered(number_pregnancies) && number_pregnancies>0 && !(pregnant_client==1 && number_pregnancies==1)</p> <p>W1 self<20</p> <p>M1 This seems like a very high value, are you sure it is correct?</p> <p>W2 self<=number_pregnancies</p> <p>M2 The number of abortions cannot be higher than the number of pregnancies! Are you sure this value is correct?</p> <p>V3 self>=0</p> <p>M3 The value cannot be negative!</p> <p>W4 self+pregnant_dummy<=number_pregnancies</p> <p>M4 This seems like a high value, are you sure it is correct?</p> <p>V5 self<50</p> <p>M5 This value is much too high, please check again!</p>	<p>NUMERIC: INTEGER number_abortions</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>00 <input type="radio"/> None</p>
<p>How many biological living children do you have?</p> <p>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])</p> <p>V1 self<20</p> <p>M1 This value is much too high, are you sure it is correct?</p> <p>W2 self<=(number_pregnancies-number_abortions-pregnant_dummy)</p> <p>M2 This seems like a high value, are you sure it is correct?</p> <p>V3 self>=0</p> <p>M3 The value cannot be negative!</p> <p>V4 self<50</p> <p>M4 This value is much too high, please go back and edit.</p>	<p>NUMERIC: INTEGER number_children</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>00 <input type="radio"/> None</p>
<p>Have you ever given a live or still birth?</p> <p>I This question refers to any births, live or still, after 28 weeks of pregnancy.</p> <p>E (number_children==0 && !(pregnant_client==1))</p>	<p>SINGLE-SELECT birth_ever</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Have you given a live or still birth in the last 6 months (after the %date_6m%)?</p> <p>I This question refers to any births, live or still, after 28 weeks of pregnancy.</p> <p>E // return full (path.InList(2) && (IsAnswered(spacing_info) more_children.InList(0) more_children_pregnant.InList(0))) // return reduced path.InList(3)</p>	<p>SINGLE-SELECT birth_ever_last6m</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>

<p>What was the date of your most recent delivery (live or still)?</p> <p>age of child: %age_child% years old. age of mother at birth: %age_at_birth% years old.</p> <p>I If the client gives a range rather than an exact date, enter the most recent date of that interval</p> <p>E ((number_children>0 birth_ever==1) && !(pregnant_client==1)) birth_ever_last6m==1</p> <p>V1 self<=interview_date</p> <p>M1 Delivery date should be in past</p>	<p>DATE birth_date</p> <p>.....</p>
<p>What was the hour of delivery?</p> <p>Please enter ONLY the hour of delivery in 24h format</p> <p>E interview_date.Value.Date>birth_date.Value.AddDays(1) && interview_date.Value.Date<=birth_date.Value.AddDays(2)</p> <p>V1 self>=0</p> <p>M1 The answer cannot be negative!</p> <p>V2 self<24</p> <p>M2 The answer cannot be greater than 24!</p>	<p>NUMERIC: INTEGER birth_date_hour</p> <p>-----</p>
<p>VARIABLE (IsAnswered(birth_date)) ? FullYearsBetween(birth_date, interview_date) : -99</p>	<p>LONG age_child</p>
<p>VARIABLE (IsAnswered(birth_date_hour)) ? birth_date_hour : 0</p>	<p>LONG hour_delivery</p>
<p>VARIABLE //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(woman_birth_date, birth_date) : And 64 other symbols [6]</p>	<p>LONG age_at_birth</p>
<p>Are you currently breastfeeding ?</p> <p>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.</p> <p>E (birth_ever_last6m==1 birth_ever==1 number_children>0) && (birth_date.Value.AddMonths(6)>=interview_date)</p>	<p>SINGLE-SELECT exclusive_breastfeeding</p> <p>01 <input type="radio"/> Yes, fully or near-fully</p> <p>02 <input type="radio"/> Yes, partially</p> <p>00 <input type="radio"/> No</p>
<p>Have you had a menstrual period since your most recent birth?</p> <p>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.</p> <p>E (birth_ever_last6m==1 birth_ever==1 number_children>0) && (birth_date.Value.AddMonths(6)>=interview_date) && IsAnswered(exclusive_breastfeeding)</p>	<p>SINGLE-SELECT had_menstrual</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>VARIABLE interview_date.Value.Date.AddDays(-7).ToString("dddd, MM MM dd")</p>	<p>STRING day_menstrual</p>

<p>Thinking of your most recent menstrual period , did it start sometime within the last 7 days (% day_menstrual%)?</p> <p>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.</p> <p>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]</p>	<p>SINGLE-SELECT last_menstrual</p> <p>01 <input type="radio"/> YES (Within 7 days)</p> <p>00 <input type="radio"/> No (More than 7 days)</p>
---	--

<p>Have you had sexual relations since your last menstrual bleeding?</p> <p>E last_menstrual.InList(0)</p>	<p>SINGLE-SELECT abstinence</p> <p>00 <input type="radio"/> Yes</p> <p>01 <input type="radio"/> No</p>
--	---

<p>Have you had sexual relations since your most recent birth?</p> <p>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]</p>	<p>SINGLE-SELECT abstinence2</p> <p>00 <input type="radio"/> Yes</p> <p>01 <input type="radio"/> No</p>
--	--

<p>Have you been using a reliable contraception method correctly and consistently?</p> <p>E abstinence==0 abstinence2==0</p>	<p>SINGLE-SELECT use_contraceptive</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
---	--

<p>Have you had a miscarriage or abortion in last 7 days?</p> <p>E use_contraceptive == 0</p>	<p>SINGLE-SELECT abortion_7_days</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
---	--

<p>Does the client show symptoms of pregnancy?</p> <p>I Please select "Yes" if you would like to conduct a pregnancy test before continuing with the consultation.</p> <p>E use_contraceptive.InList(1) abstinence==1 abstinence2==1</p>	<p>SINGLE-SELECT symptoms_pregnancy</p> <p>01 <input type="radio"/> No - does NOT show signs of pregnancy</p> <p>00 <input type="radio"/> Yes - shows signs of pregnancy</p>
---	---

STATIC TEXT

E abortion_7_days == 0

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

<p>Pregnancy test conducted?</p> <p>E symptoms_pregnancy == 0 abortion_7_days == 0</p>	<p>SINGLE-SELECT pregnancy_test</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
--	---

<p>Pregnancy test result</p> <p>E pregnancy_test == 1</p>	<p>SINGLE-SELECT pregnancy_test_result</p> <p>01 <input type="radio"/> Positive</p> <p>00 <input type="radio"/> Negative</p>
--	---

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..

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

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.

<p>VARIABLE (pregnant_client==1 pregnancy_test_result==1)</p>	<p>BOOLEAN pregnant</p>
<p>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</p> <p>And 530 other symbols [7]</p>	<p>BOOLEAN move_on_fert</p>
<p>VARIABLE pregnant_consultation==0</p>	<p>BOOLEAN end_in_fert</p>

STATIC TEXT

CONSULTATION

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

<p>Are you <u>currently</u> using a method for family planning?</p> <p>E 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 And 17 other symbols [10]</p>	<p>SINGLE-SELECT current_method</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Which one of the following methods are you using, if any?</p> <p>E current_method.InList(1)</p>	<p>SINGLE-SELECT current_method_list</p> <p>01 <input type="radio"/> IUD</p> <p>02 <input type="radio"/> Implant</p> <p>03 <input type="radio"/> Pill</p> <p>04 <input type="radio"/> Injectable</p> <p>05 <input type="radio"/> Male/Female condoms</p> <p>06 <input type="radio"/> Lactational amenorrhea method (LAM)</p> <p>07 <input type="radio"/> Traditional method or other</p> <p>00 <input type="radio"/> None</p>
<p>Please specify the contraceptive method.</p> <p>E current_method_list.InList(7)</p>	<p>TEXT other_method_spec</p> <p>.....</p>
<p>Which implant type was it?</p> <p>E current_method_list.InList(2)</p>	<p>SINGLE-SELECT implant_type</p> <p>01 <input type="radio"/> Implanon / Nexplanon</p> <p>02 <input type="radio"/> Jadelle</p>
<p>When was the %current_method_list% inserted?</p> <p>E current_method_list.InList(1,2)</p> <p>V1 self<=interview_date</p> <p>M1 %current_method_list% insertion date must be in past</p>	<p>DATE date_insertion_larc</p> <p>.....</p>
<p>VARIABLE</p> <p>// 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</p> <p>And 1120 other symbols [8]</p>	<p>LONG larc_renewal_due</p>

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 NOT due for renewal.

The renewal date is %larc_renew_date%

<p>How long have you been using this method?</p> <p>E current_method_list.InList(3,4,6)</p>	<p>SINGLE-SELECT duration_mc</p> <p>01 <input type="radio"/> Less than 1 month</p> <p>02 <input type="radio"/> 1 - 6 Months</p> <p>03 <input type="radio"/> More than 6 months</p>
<p>STATIC TEXT</p>	
<p>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]</p> <p><i>The client is NOT eligible for LAM at this time</i></p> <p><i>Please explain to the client that she is not eligible to use LAM at this point and explain to her why.</i></p>	
<p>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.</p> <p>Is it OK if we discuss some of those methods?</p> <p>E // uses a traditional method current_method_list.InList(5,7)</p>	<p>SINGLE-SELECT ok_discuss_method1a</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>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.</p> <p>Is it OK if we discuss some of those methods?</p> <p>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]</p>	<p>SINGLE-SELECT ok_discuss_method1bi</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>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.</p> <p>Fortunately, there are very effective and longer term methods to prevent unwanted pregnancies, is it OK if we discuss some of those methods?</p> <p>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]</p>	<p>SINGLE-SELECT ok_discuss_method1bi</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>How would you describe your experience with this method?</p> <p>E current_method_list.InList(1,2,3,4) && (IsAnswered(date_insertion_larc) IsAnswered(duration_mc))</p>	<p>SINGLE-SELECT method_experience</p> <p>01 <input type="radio"/> Happy / NO issues (wants to continue method)</p> <p>02 <input type="radio"/> Having issues (wants to discuss)</p> <p>03 <input type="radio"/> Would like to get pregnant</p>

<p>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.</p> <p>Is it OK if we discuss some of those methods?</p> <p>E method_experience.InList(1) && current_method_list.InList(3,4)</p>	<p>SINGLE-SELECT discuss_non_larc</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>What issues are you having with the %current_method_list%?</p> <p>E method_experience.InList(2) && current_method_list.InList(1,2,3,4)</p>	<p>MULTI-SELECT issue_method</p> <p>01 <input type="checkbox"/> Inconvenient (forgot to take pill, facility far to refill)</p> <p>02 <input type="checkbox"/> Side effects (headache, bleeding, acne, weight gain.)</p> <p>03 <input type="checkbox"/> Cost of method</p> <p>04 <input type="checkbox"/> Other (not discrete, ineffective..)</p>
<p>Please describe to me the inconvenient aspect(s) of the %current_method_list%?</p> <p>E issue_method.ContainsAny(1)</p>	<p>TEXT inconvenient</p> <p>.....</p>
<p>Please describe to me the other issue(s) you are having with the %current_method_list%?</p> <p>E issue_method.ContainsAny(2)</p>	<p>TEXT other_issue</p> <p>.....</p>
<p>What are the side effects?</p> <p>E IsAnswered(issue_method) && issue_method.ContainsAny(2)</p>	<p>MULTI-SELECT side_effects</p> <p>01 <input type="checkbox"/> Headaches (migraines)</p> <p>02 <input type="checkbox"/> Bleeding</p> <p>03 <input type="checkbox"/> Acne</p> <p>04 <input type="checkbox"/> Weight gain</p> <p>05 <input type="checkbox"/> Discomfort</p> <p>06 <input type="checkbox"/> Others</p>
<p>Please Enter the other side effect(s)</p> <p>E side_effects.ContainsAny(6)</p>	<p>TEXT other_side_effect</p> <p>.....</p>

STATIC TEXT

E method_experience.InList(2) && IsAnswered(current_method_list) && current_method_list.InList(1,2) && 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 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_date && 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?

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 \[13\]](#)

SINGLE-SELECT ok_discuss_method4

01 Yes

00 No

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?

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

SINGLE-SELECT ok_discuss_method3

01 Yes

00 No

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

<p>Does the client want to renew the %current_method_list%?</p> <p>E like_to_do==1 discuss_non_larc==0</p>	<p>SINGLE-SELECT renew_sarc</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>You may have an unwanted pregnancy with your current birth control method.</p> <p>Are you sure you don't want to consider a more effective and convenient method that is suitable for you?</p> <p>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))</p>	<p>SINGLE-SELECT probe_discuss</p> <p>01 <input type="radio"/> Sure - Don't want to consider methods</p> <p>00 <input type="radio"/> Not sure</p>
<p>STATIC TEXT</p> <p>E method_experience.InList(3) like_to_do.InList(3)</p> <p><i>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).</i></p>	
<p>STATIC TEXT</p> <p>E probe_discuss==1</p> <p><i>Please answer any questions the client might have. Once the client is satisfied, please complete and submit the interview.</i></p> <p><i>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".</i></p>	
<p>STATIC TEXT</p> <p>E (continue_method.InList(1) use_see_improve.InList(1) method_experience.InList(1)) && larc_renewal_due==0</p> <p><i>The %current_method_list% will be due for renewal on the: %larc_renew_date%.</i></p>	
<p>The consultation is finished.</p> <p>Please press the button below to record the end date and time of the consultation.</p> <p>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]</p>	<p>DATE: CURRENT TIME interview_end3</p> <p>.....</p>
<p>Did you prescribe a cycle of the COC? (price per cycle: %price_coc_pec%)</p> <p>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]</p>	<p>SINGLE-SELECT pec_coc</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Have you provided the client with condoms? If not please provide condoms to the client.</p> <p>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]</p>	<p>SINGLE-SELECT provided_condoms4</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>VARIABLE</p> <p>(// 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</p> <p>And 509 other symbols [10]</p>	<p>BOOLEAN end_in_consultation</p>

<p>Is there a specific method you <u>absolutely</u> want to adopt?</p> <pre>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_discuss And 245 other symbols [17]</pre>	<p>SINGLE-SELECT method_in_mind</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>What method do you have in mind?</p> <pre>I WARNING, you can only chose ONE method in this question. E method_in_mind.InList(1)</pre>	<p>SINGLE-SELECT method_mind_list</p> <p>01 <input type="radio"/> IUD</p> <p>02 <input type="radio"/> Implant</p> <p>03 <input type="radio"/> Pill</p> <p>04 <input type="radio"/> Injectable</p> <p>06 <input type="radio"/> LAM</p> <p>05 <input type="radio"/> Male condoms</p> <p>08 <input type="radio"/> Female condoms</p> <p>09 <input type="radio"/> Calendar method</p> <p>10 <input type="radio"/> Emergency contraceptive pills</p> <p>99 <input type="radio"/> another contraceptive method</p>
<p>Please enter the unlisted method(s)</p> <pre>E method_mind_list == 99</pre>	<p>TEXT other_method</p> <p>.....</p>
<p>Why are you interested in %method_mind_list%?</p> <pre>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)</pre>	<p>MULTI-SELECT reason_method_m</p> <p>01 <input type="checkbox"/> Convenience</p> <p>02 <input type="checkbox"/> Effectiveness</p> <p>03 <input type="checkbox"/> Discreteness</p> <p>04 <input type="checkbox"/> Cost or price</p> <p>05 <input type="checkbox"/> Duration</p> <p>06 <input type="checkbox"/> Non-hormonal</p> <p>99 <input type="checkbox"/> Other</p>
<p>Please enter the unlisted reason(s)</p> <pre>E reason_method_m.ContainsAny(99)</pre>	<p>TEXT other_reason</p> <p>.....</p>
<p>STATIC TEXT</p> <pre>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]</pre> <p><i>The client is eligible for LAM at this time</i></p>	
<p>STATIC TEXT</p> <pre>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]</pre> <p><i>The client is NOT eligible for LAM at this time</i></p> <p><i>Please explain to the client that she is not eligible to use LAM at this point and explain to her why.</i></p>	

<p>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.</p> <p>To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?</p> <p>E method_mind_list.InList(3,4,9,10,99)</p>	<p>SINGLE-SELECT right_method</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>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.</p> <p>To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?</p> <p>E method_mind_list.InList(7)</p>	<p>SINGLE-SELECT right_method2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>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.</p> <p>However, there are more effective methods to prevent unintended pregnancies, which may be even more suitable for you.</p> <p>To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?</p> <p>E method_mind_list.InList(5,8)</p>	<p>SINGLE-SELECT right_method3</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>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.</p> <p>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.</p> <p>To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?</p> <p>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]</p>	<p>SINGLE-SELECT right_method4_elig</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>

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?

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 200 other symbols \[19\]](#)

SINGLE-SELECT right_method4_inelig

01 Yes

00 No

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?

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 \[20\]](#)

SINGLE-SELECT increased_bleeding

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.InList(1,2,3)

SINGLE-SELECT decreased_bleeding

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.InList(1,2,3)

SINGLE-SELECT

weight_gain

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

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 f111](#)

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.

<p>Which one of the following methods are you using, if any?</p> <p>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))</p>	<p>SINGLE-SELECT current_method_list_r</p> <p>01 <input type="radio"/> IUD</p> <p>02 <input type="radio"/> Implant</p> <p>03 <input type="radio"/> Pill</p> <p>04 <input type="radio"/> Injectable</p> <p>05 <input type="radio"/> Male/Female condoms</p> <p>06 <input type="radio"/> Lactational amenorrhea method (LAM)</p> <p>07 <input type="radio"/> Traditional method or other</p> <p>00 <input type="radio"/> Doing nothing</p>
<p>Please specify the contraceptive method.</p> <p>E current_method_list_r.InList(7)</p>	<p>TEXT other_method_spec_r</p> <p>.....</p>
<p>Which implant type was it?</p> <p>E current_method_list_r.InList(2)</p>	<p>SINGLE-SELECT implant_type_r</p> <p>01 <input type="radio"/> Implanon / Nexplanon</p> <p>02 <input type="radio"/> Jadelle</p>
<p>When was %current_method_list_r% inserted?</p> <p>E current_method_list_r.InList(1,2)</p> <p>V1 self<=interview_date</p> <p>M1 %current_method_list_r% insertion date must be in past</p>	<p>DATE date_insertion_larc_r</p> <p>.....</p>
<p>VARIABLE</p> <p>// 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</p> <p>And 1174 other symbols [12]</p>	<p>LONG larc_renewal_due_r</p>

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 contraceptive on. 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?

SINGLE-SELECT ok_discuss_method1a_r
 01 Yes
 00 No

E `// uses a traditional method current_method_list_r.InList(5,7)`

How long have you been using this contraceptive method?

SINGLE-SELECT duration_mc_r
 01 Less than 1 month
 02 1 - 6 Months
 03 More than 6 months

E `current_method_list_r.InList(3,4,6)`

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%?

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..)

F `@optioncode!=cost_of_lam`
 E `// 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 And 4 other symbols [21])`

Please describe to me the inconvenient aspect(s) of the %current_method_list_r%?

TEXT inconvenient_r

E `issue_method_r.ContainsAny(1)`

Please describe to me the other issue(s) you are having with the %current_method_list_r%?

TEXT other_issue_r

E `issue_method_r.ContainsAny(4)`

What are the side effects?

MULTI-SELECT side_effects_r
 01 Headaches (migraines)
 02 Bleeding
 03 Acne
 04 Weight gain
 05 Discomfort
 06 Others

E `IsAnswered(issue_method_r) && issue_method_r.ContainsAny(2)`

Please Enter the other side effect(s)

TEXT other_side_effect_r

E `side_effects_r.ContainsAny(6)`

STATIC TEXT

E IsAnswered(current_method_list_r) && current_method_list_r.InList(1,2) && 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 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

STRING larc_renew_date_r

[And 285 other symbols \[13\]](#)

<p>Does the client want to renew the %current_method_list_r% now ?</p> <p>E // continues and almost due or due (continue_method_r.InList(1) && larc_renewal_due_r.InList(1,2))</p>	<p>SINGLE-SELECT renew_larc_r</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Ok,I am sure we may be able to find something better for you. Is it ok if we discuss some other methods?</p> <p>E (continue_method_r.InList(0) use_see_improve_r.InList(0))</p>	<p>SINGLE-SELECT ok_discuss_method2_r</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>STATIC TEXT</p> <p>E ok_discuss_method2_r.InList(0)</p> <p><i>We will now prepare you to remove %current_method_list_r% as you have now requested.</i></p>	
<p>STATIC TEXT</p> <p>E current_method_list_r.InList(3,4) && duration_mc_r.InList(1,2) && issue_method_r.Contains(2)</p> <p><i>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.</i></p> <p><i>Unless you would like to consider other methods, I would encourage you to continue to using your current method.</i></p> <p><i>Let us discuss how bothersome the issues you mentioned are.</i></p> <p><i>PAUSE and discuss the issues the client is having with her method, then read the question to the client below.</i></p>	
<p>STATIC TEXT</p> <p>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 And 86 other symbols [51]</p> <p><i>I am sorry that you're having these issues. However, you are using a modern method to protect against unwanted or mistimed pregnancies.</i></p> <p><i>Unless you would like to consider other methods, I would encourage you to continue to using your current method.</i></p> <p><i>Let us discuss how bothersome the issues you mentioned are.</i></p> <p><i>PAUSE and discuss the issues the client is having with her method, then read the question to the client below.</i></p>	
<p>STATIC TEXT</p> <p>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 And 111 other symbols [52]</p> <p><i>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.</i></p> <p><i>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.</i></p>	
<p>STATIC TEXT</p> <p>E // 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 And 57 other symbols [53]</p> <p><i>I am sorry that you're having these issues. Fortunately, you are already using a modern method to protect against unwanted or mistimed pregnancies.</i></p> <p><i>Unless you would like to consider other methods, I would encourage you to continue to using your current method.</i></p>	
<p>STATIC TEXT</p> <p>E // 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_ret And 53 other symbols [54]</p> <p><i>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.</i></p> <p><i>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.</i></p>	

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_return_method) [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?

SINGLE-SELECT lam_adopt_chosen
 01 Yes
 00 No

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 \[22\]](#)

Does the client want to renew the %adopted_return_method%?

SINGLE-SELECT lam_renew_method
 01 Yes
 00 No

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 \[23\]](#)

Would the client like to consider other methods?

SINGLE-SELECT ok_discuss_method1biii_r
 01 Yes
 00 No

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 \[24\]](#)

Is it OK if we discuss some of those other methods?

SINGLE-SELECT ok_discuss_method1bi_r
 01 Yes
 00 No

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 \[25\]](#)

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

<p>What would you like to do?</p> <pre>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]</pre>	<p>SINGLE-SELECT like_to_do_r</p> <p>01 <input type="radio"/> Continue using the current method despite issues</p> <p>02 <input type="radio"/> Discontinue this method, but would like to consider other methods</p> <p>04 <input type="radio"/> Continue using LAM, but also consider other methods</p> <p>03 <input type="radio"/> Discontinue this method and consider no other methods: you understand you may have unwanted pregnancy</p>
---	---

<p>Does the client want to renew the %current_method_list_r%?</p> <pre>E like_to_do_r==1 && current_method_list_r.InList(3,4)</pre>	<p>SINGLE-SELECT renew_sarc_r</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
---	---

<p>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?</p> <pre>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_method1b_r==0 ok_discuss_method And 14 other symbols [27]</pre>	<p>SINGLE-SELECT probe_discuss_r</p> <p>01 <input type="radio"/> Sure - Don't want to consider other methods</p> <p>00 <input type="radio"/> Not sure</p>
---	--

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%

<p>The consultation is finished.</p> <p>Please press the button below to record the end date and time of the consultation.</p> <pre>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]</pre>	<p>DATE: CURRENT TIME interview_end8</p> <p>.....</p>
---	--

<p>Did you prescribe a cycle of the COC? (price per cycle: %price_coc_pec%)</p> <pre>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]</pre>	<p>SINGLE-SELECT pec_coc2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
---	---

<p>Have you provided the client with condoms? If not please provide condoms to the client.</p> <p>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]</p>	<p>SINGLE-SELECT provided_condoms5</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>VARIABLE</p> <p>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 no</p> <p>And 784 other symbols [14]</p>	<p>BOOLEAN end_in_consultation2</p>
<p>Is there a specific method you absolutely want to adopt?</p> <p>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_method1b_r==1 ok_discuss_method1biii_r==1 // wa And 182 other symbols [31]</p>	<p>SINGLE-SELECT method_in_mind_r</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>What method do you have in mind?</p> <p>I WARNING, you can only chose ONE method in this question.</p> <p>E method_in_mind_r.InList(1)</p>	<p>SINGLE-SELECT method_mind_list_r</p> <p>01 <input type="radio"/> IUD</p> <p>02 <input type="radio"/> Implant</p> <p>03 <input type="radio"/> Pill</p> <p>04 <input type="radio"/> Injectable</p> <p>06 <input type="radio"/> LAM</p> <p>05 <input type="radio"/> Male condoms</p> <p>08 <input type="radio"/> Female condoms</p> <p>09 <input type="radio"/> Calendar method</p> <p>10 <input type="radio"/> Emergency contraceptive pills</p> <p>99 <input type="radio"/> another contraceptive method</p>
<p>Please enter the unlisted method(s)</p> <p>E method_mind_list_r == 99</p>	<p>TEXT other_method_r</p> <p>.....</p>
<p>Why are you interested in %method_mind_list_r% ?</p> <p>I Clarify any myths or misconceptions she may have about the method.</p> <p>E method_mind_list_r.InList(1,2,3,4,6,7)</p>	<p>MULTI-SELECT reason_method_m_r</p> <p>01 <input type="checkbox"/> Convenience</p> <p>02 <input type="checkbox"/> Effectiveness</p> <p>03 <input type="checkbox"/> Discreteness</p> <p>04 <input type="checkbox"/> Cost or price</p> <p>05 <input type="checkbox"/> Duration</p> <p>06 <input type="checkbox"/> Non-hormonal</p> <p>99 <input type="checkbox"/> Other</p>
<p>Please enter the unlisted reason(s)</p> <p>E reason_method_m_r.ContainsAny(99)</p>	<p>TEXT other_reason_r</p> <p>.....</p>

<p>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.</p> <p>To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?</p> <p>E method_mind_list_r.InList(3,4,9,10,99)</p>	<p>SINGLE-SELECT right_method_r</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>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.</p> <p>To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?</p> <p>E method_mind_list_r.InList(7)</p>	<p>SINGLE-SELECT right_method2_r</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>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.</p> <p>However, there are more effective methods to prevent unintended pregnancies, which may be even more suitable for you.</p> <p>To help you choose the best method for you, is it alright if I ask you a few questions about your preferences?</p> <p>E method_mind_list_r.InList(5,8)</p>	<p>SINGLE-SELECT right_method3_r</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>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.</p> <p>There are more effective methods to prevent unintended pregnancies, which may be even more suitable for you.</p> <p>To help you choose the best method for you, can I ask you a few questions about your preferences?</p> <p>If you still want to adopt LAM, we will need to make sure you are eligible for it.</p> <p>E method_mind_list_r.InList(6)</p>	<p>SINGLE-SELECT right_method4_r</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>

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

<p>Some methods can cause increased menstrual bleeding and cramping, though this effect subsides for most women after the first three months.</p> <p>How much will it bother you if you experience increased cramping or bleeding during the first three months?</p> <p>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]</p>	<p>SINGLE-SELECT increased_bleeding_r</p> <p>01 <input type="radio"/> NOT at all</p> <p>02 <input type="radio"/> A little bit</p> <p>03 <input type="radio"/> A lot</p>
<p>Some methods cause decreased menstrual bleeding over time with some women eventually not having a period at all. Some methods can cause spotting.</p> <p>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.</p> <p>How much will it bother you if you experience spotting or amenorrhea?</p> <p>I Please read out the answer choices to the client E increased_bleeding_r.InList(1,2,3)</p>	<p>SINGLE-SELECT decreased_bleeding_r</p> <p>01 <input type="radio"/> NOT at all</p> <p>02 <input type="radio"/> A little bit</p> <p>03 <input type="radio"/> A lot</p>
<p>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.</p> <p>How much will it bother you if you experience significant weight gain?</p> <p>I Please read out the answer choices to the client E decreased_bleeding_r.InList(1,2,3)</p>	<p>SINGLE-SELECT weight_gain_r</p> <p>01 <input type="radio"/> NOT at all</p> <p>02 <input type="radio"/> A little bit</p> <p>03 <input type="radio"/> A lot</p>
<p>VARIABLE</p> <p>// 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</p> <p>And 572 other symbols [15]</p>	<p>BOOLEAN move_on_med_discuss</p>

STATIC TEXT

FERTILITY AND BIRTHS - RETURN

E move_on_med_discuss==true

<p>Is the client currently knowingly pregnant?</p>	<p>SINGLE-SELECT pregnant_client2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
--	---

STATIC TEXT

E pregnant_client2==1

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

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

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

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

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.

<p>How many more children would you like to have?</p> <p>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)))</p>	<p>SINGLE-SELECT ideal_num_children2</p> <p>01 <input type="radio"/> 1</p> <p>02 <input type="radio"/> 2</p> <p>03 <input type="radio"/> 3</p> <p>04 <input type="radio"/> 4</p> <p>05 <input type="radio"/> 5</p> <p>06 <input type="radio"/> 6</p> <p>07 <input type="radio"/> 7</p> <p>08 <input type="radio"/> 8</p> <p>09 <input type="radio"/> 9</p> <p>10 <input type="radio"/> 10+</p> <p>-98 <input type="radio"/> Not sure/Don't know</p>
---	--

<p>How long would you like to wait before getting pregnant?</p> <p>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]))</p>	<p>SINGLE-SELECT spacing_info2</p> <p>01 <input type="radio"/> Less than 12 months (1 year)</p> <p>02 <input type="radio"/> Within 1-3 years</p> <p>03 <input type="radio"/> More than 3 years</p> <p>04 <input type="radio"/> Don't know/Not sure</p>
---	---

<p>Have you given a live or still birth in the last 6 months (after the %date_6m%)?</p> <p>I This question refers to any births, live or still, after 28 weeks of pregnancy.</p> <p>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_client And 6 other symbols [34]</p>	<p>SINGLE-SELECT birth_ever_last6m2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>What was the date of your most recent delivery (live or still)?</p> <p>I If the client gives a range rather than an exact date, enter the most recent date of that interval</p> <p>E birth_ever_last6m2==1</p> <p>V1 self<=interview_date</p> <p>M1 Delivery date should be in past</p>	<p>DATE birth_date2</p> <p>.....</p>
<p>What was the hour of delivery?</p> <p>Please enter ONLY the hour of delivery in 24h format</p> <p>E interview_date.Value.Date>birth_date2.Value.AddDays(1) && interview_date.Value.Date<=birth_date2.Value.AddDays(2)</p> <p>V1 self>=0</p> <p>M1 The answer cannot be negative!</p> <p>V2 self<24</p> <p>M2 The answer cannot be greater than 24!</p>	<p>NUMERIC: INTEGER birth_date_hour2</p> <p>-----</p>
<p>VARIABLE</p> <p>(IsAnswered(birth_date_hour2)) ? birth_date_hour2 : 0</p>	<p>LONG hour_delivery2</p>
<p>Are you currently breastfeeding ?</p> <p>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.</p> <p>E birth_ever_last6m2==1 && birth_date2.Value.AddMonths(6)>=interview_date</p>	<p>SINGLE-SELECT exclusive_breastfeeding2</p> <p>01 <input type="radio"/> Yes, fully or near-fully</p> <p>02 <input type="radio"/> Yes, partially</p> <p>00 <input type="radio"/> No</p>
<p>Have you had a menstrual period since your most recent birth?</p> <p>E birth_ever_last6m2==1 && (birth_date2.Value.AddMonths(6)>=interview_date) && IsAnswered(exclusive_breastfeeding2)</p>	<p>SINGLE-SELECT had_menstrua12</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>VARIABLE</p> <p>interview_date.Value.Date.AddDays(-7).ToString("dddd, MM MM dd")</p>	<p>STRING day_menstrua1_r</p>
<p>Thinking of your most recent menstrual period, did it start sometime within the last 7 days (% day_menstrua_r%)?</p> <p>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.</p> <p>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_date) And 225 other symbols [35]</p>	<p>SINGLE-SELECT last_menstrua12</p> <p>01 <input type="radio"/> YES (Within 7 days)</p> <p>00 <input type="radio"/> No (More than 7 days)</p>
<p>Have you had sexual relations since your last menstrual bleeding?</p> <p>E last_menstrua12.InList(0)</p>	<p>SINGLE-SELECT abstinence22</p> <p>00 <input type="radio"/> Yes</p> <p>01 <input type="radio"/> No</p>

<p>Have you had sexual relations since your most recent birth?</p> <p>E // has given birth AND has not had menstrual bleeding since most recent birth birth_ever_last6m2==1 && had_menstrua12.InList(0) && // AND birth was less than 6 months ago & not fully breastfeeding (And 300 other symbols [36])</p>	<p>SINGLE-SELECT abstinence222</p> <p>00 <input type="radio"/> Yes</p> <p>01 <input type="radio"/> No</p>
<p>Have you been using a reliable contraception method correctly and consistently?</p> <p>E abstinence22==0 abstinence222==0</p>	<p>SINGLE-SELECT use_contraceptive2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Have you had a miscarriage or abortion in last 7 days?</p> <p>E use_contraceptive2 == 0</p>	<p>SINGLE-SELECT abortion_7_days2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>STATIC TEXT</p> <p>E abortion_7_days2 == 0</p> <p>PREGNANCY CANNOT BE RULED OUT <i>It is suggested that you administer a pregnancy test to the client</i></p>	
<p>Is client free of symptoms of pregnancy?</p> <p>I Please select "No" if you would like to conduct a pregnancy test before continuing with the consultation.</p> <p>E use_contraceptive2.InList(1) abstinence22==1 abstinence222==1</p>	<p>SINGLE-SELECT symptoms_pregnancy2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Pregnancy test conducted?</p> <p>E symptoms_pregnancy2==0 abortion_7_days2==0</p>	<p>SINGLE-SELECT pregnancy_test2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Pregnancy test result</p> <p>E pregnancy_test2 == 1</p>	<p>SINGLE-SELECT pregnancy_test_result2</p> <p>01 <input type="radio"/> Positive</p> <p>00 <input type="radio"/> Negative</p>
<p>STATIC TEXT</p> <p>E pregnancy_test_result2 == 1</p> <p>PREGNANCY TEST POSITIVE: <i>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.</i></p> <p><i>Explain to the client that she can have a family planning consultation now and choose a method for post-partum adoption.</i></p> <p><i>Once the consultation is over, please refer the client to the antenatal ward.</i></p>	
<p>STATIC TEXT</p> <p>E pregnancy_test2==0</p> <p>PREGNANCY TEST NOT CONDUCTED: <i>You should try to conduct a pregnancy test.</i></p> <p><i>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.</i></p> <p><i>She can then come back as soon as she has had her period to adopt the method she chose..</i></p>	
<p>Does the client want a family planning consultation now?</p> <p>E pregnancy_test_result2==1 pregnancy_test2==0</p>	<p>SINGLE-SELECT pregnant_consultation2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>

<p>Please press the button below to record the end date and time of the consultation.</p> <p>If relevant, please make an appointment with the client for another visit.</p> <p>E pregnant_consultation2==0</p>	<p>DATE: CURRENT TIME interview_end4</p> <p>.....</p>
<p>Have you provided the client with condoms? If not please provide condoms to the client.</p> <p>E pregnant_consultation2==0</p>	<p>SINGLE-SELECT provided_condoms6</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>VARIABLE</p> <p>path.InList(4) && (((last_menstrual2==1 symptoms_pregnancy2==1 abortion_7_days2==1 (pregnancy_test2==0 && pregnant_consultation2==1) pregnancy_test_result2==0 (birth_e</p> <p>And 260 other symbols [16]</p>	<p>BOOLEAN move_on_fert_discuss</p>
<p>VARIABLE</p> <p>pregnant_consultation2==0</p>	<p>BOOLEAN end_in_fert2</p>
<p>VARIABLE</p> <p>(pregnant_client2==1 pregnancy_test_result2==1)</p>	<p>BOOLEAN pregnant2</p>

STATIC TEXT

MEDICAL EXAM

E // (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==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.

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

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.](#)

<p>Do you experience unexplained vaginal bleeding?</p> <p>I Make sure the client is aware that this does not refer to her regular monthly bleeding.</p>	<p>SINGLE-SELECT unexplained_bleeding</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
--	---

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.](#)

<p>SYSTOLIC BP</p> <p>E (IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding))</p> <p>V1 self <= 250</p> <p>M1 Systolic BP must be less than 250</p>	<p>NUMERIC: INTEGER sys_bp</p> <p>-----</p>
<p>DIASTOLIC BP</p> <p>E (IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding))</p> <p>V1 self <= 140</p> <p>M1 Diastolic BP must be less than 140</p>	<p>NUMERIC: INTEGER dia_bp</p> <p>-----</p>
<p>Height</p> <p>I Enter client's height in cm</p> <p>E IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding)</p> <p>V1 self <= 300</p> <p>M1 This figure is much too high!</p> <p>V2 self >= 50 self == -98</p> <p>M2 This figure is much too low!</p> <p>W3 self >= 100 self == -98</p> <p>M3 This is a low value, please check whether it is correct!</p> <p>V4 self != weight self == -98</p> <p>M4 <big>The height is the same as the weight, please check whether this is correct!</big></p>	<p>NUMERIC: INTEGER height</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>-98 Not collected</p>
<p>Weight</p> <p>I Enter client's weight in kg</p> <p>E IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding)</p> <p>V1 self <= 300</p> <p>M1 This figure is much too high!</p> <p>V2 self >= 20 self == -98</p> <p>M2 This figure is much too low!</p> <p>V3 self != height self == -98</p> <p>M3 <big>The weight is the same as the height, please check whether this is correct!</big></p> <p>W4 self > 39 self == -98</p> <p>M4 This weight is low, please make sure that it is correct!</p> <p>W5 self < 100</p> <p>M5 This weight is high, please make sure that it is correct!</p>	<p>NUMERIC: INTEGER weight</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>-98 Not collected</p>
<p>Temperature</p> <p>E IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding)</p> <p>V1 self.InRange(15,55) self == -98</p> <p>M1 This value is unusual, please check again!</p>	<p>NUMERIC: INTEGER temperature</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>-98 Not collected</p>
<p>Pulse</p> <p>E IsAnswered(taking_drugs) && IsAnswered(unexplained_bleeding)</p> <p>V1 self.InRange(10,240) self == -98</p> <p>M1 This value is unusual, please check again!</p>	<p>NUMERIC: INTEGER pulse</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>-98 Not collected</p>
<p>VARIABLE (IsAnswered(sys_bp) && IsAnswered(dia_bp))</p>	<p>BOOLEAN move_on_to_choice</p>

STATIC TEXT

METHOD CHOICE

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*1000) - ((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

<p>VARIABLE</p> <p>(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</p> <p>And 87 other symbols [19]</p>	<p>STRING</p> <p>method3_seq</p>
<p>VARIABLE</p> <p>(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</p> <p>And 86 other symbols [20]</p>	<p>STRING</p> <p>method4_seq</p>
<p>VARIABLE</p> <p>(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</p> <p>And 86 other symbols [21]</p>	<p>STRING</p> <p>method5_seq</p>
<p>VARIABLE</p> <p>((\$S1 && (\$E2 \$E3 (\$E1 && \$R1 && !\$Z))) (\$S2 && \$E2 && !\$R1 && !\$Z) (\$S5 && \$E123) (\$S6 && (\$E2 (\$E1 && !\$R1 && !\$Z))) (\$S7 && \$E123) (\$S8 && \$E2 && !\$R1 && !\$Z) (</p> <p>And 154 other symbols [22]</p>	<p>STRING</p> <p>method_1a</p>
<p>VARIABLE</p> <p>(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</p> <p>And 250 other symbols [23]</p>	<p>STRING</p> <p>method_1b</p>
<p>VARIABLE</p> <p>(method_1a=="IUD" method_1a=="PILL") ? method_1a : (method_1a=="OTHER" && (method_1b=="IMPLANT" method_1b=="INJECTABLE" method_1b=="LAM")) ? method_1b : "NONE"</p>	<p>STRING</p> <p>method_1</p>
<p>VARIABLE</p> <p>((\$S4 \$S7) && \$E123) ? "LAM" : ((\$S2 && \$E2 && !\$R1 && !\$Z) (\$S5 && ((\$E2 \$E1) && \$R2) \$E3) (\$S6 && (\$E2 (\$E1 && !\$R1 && !\$Z))) (\$S8 & (\$E2 && !\$R1 && !\$Z) (\$Q</p> <p>And 143 other symbols [24]</p>	<p>STRING</p> <p>method_2a</p>
<p>VARIABLE</p> <p>(method_2a=="OTHER" && ((\$S1 && (\$E2 \$E3 (\$E1 && \$R1 && !\$Z))) (\$S2 && ((\$E1 && !\$R2 && !\$Z) (\$E1 && \$Z))) (\$S3 && (\$E1 (\$E2 && !\$R2 && !\$Z) (\$E2 && \$Z) \$E3)) (\$S5 && (</p> <p>And 202 other symbols [25]</p>	<p>STRING</p> <p>method_2b</p>
<p>VARIABLE</p> <p>(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</p> <p>And 143 other symbols [26]</p>	<p>STRING</p> <p>method_2c</p>
<p>VARIABLE</p> <p>(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") ?</p> <p>And 18 other symbols [27]</p>	<p>STRING</p> <p>method_2</p>

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

<p>VARIABLE</p> <pre>(method_5a=="OTHER" && ((\$S8 \$S6) && (\$E1 \$E3)) ((\$Qpi \$Jpi \$Jlam) && \$E123) ((\$Qiu \$Jiu \$Qim \$Jim) && (\$E1 \$E2 (\$E3 && !\$R4))) ((\$Ji n \$Jpi \$Jim \$J</pre> <p>And 47 other symbols [37]</p>	<p>STRING</p> <p>method_5b</p>
<p>VARIABLE</p> <pre>(method_5a=="PILL" method_5a=="LAM" method_5a=="IN JECTABLE") ? method_5a : (method_5a=="OTHER" && method_5 b=="INJECTABLE") ? method_5b : "NONE"</pre>	<p>STRING</p> <p>method_5</p>

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%

<p>VARIABLE</p> <pre>// just use clients who did and did not answer the SE pr ef. questions... (patient_status=="New" && IsAnswered(in creased_bleeding) && recruited==true && IsAnswered(decre ased_bleeding) && IsAnswer</pre> <p>And 251 other symbols [38]</p>	<p>LONG</p> <p>context_mind</p>
<p>VARIABLE</p> <pre>(ward==1) ? 1 : (ward==0) ? 0 : 0</pre>	<p>LONG</p> <p>context_fp</p>
<p>VARIABLE</p> <pre>(!IsAnswered(birth_date)) ? 0 : (birth_date.Value.AddMon ths(3)>=interview_date) ? 1 : (birth_date.Value.AddMonth s(3)<interview_date) ? 0 : 0</pre>	<p>LONG</p> <p>context_birth</p>
<p>VARIABLE</p> <pre>// imagine a split on age and birth (context_mind==0 && age.InRange(15,29) && age.InRange(15,24)) ? 1 : (context _mind==0 && age.InRange(15,29) && age.InRange(25,29)) ? 2 : (context_mind==0 && age.InRa</pre> <p>And 398 other symbols [39]</p>	<p>LONG</p> <p>context</p>
<p>VARIABLE</p> <pre>(double)((Math.Floor(random_draw.Value*100000000) - (Mat h.Floor(random_draw.Value*10000)*10000))/10000)</pre>	<p>DOUBLE</p> <p>r</p>
<p>VARIABLE</p> <pre>// 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))</pre> <p>And 1428 other symbols [40]</p>	<p>DOUBLE</p> <p>winner_arm</p>
<p>VARIABLE</p> <pre>// new patients get randomized prices (patient_status==" New" && winner_arm==1) ? 0 : (patient_status=="New" && w inner_arm==2) ? 0 : (patient_status=="New" && winner_arm ==3) ? 1000 : (patient_status=="</pre> <p>And 597 other symbols [41]</p>	<p>LONG</p> <p>price_iud</p>
<p>VARIABLE</p> <pre>// new patients get randomized prices (patient_status==" New" && winner_arm==1) ? 0 : (patient_status=="New" && w inner_arm==2) ? 0 : (patient_status=="New" && winner_arm ==3) ? 1000 : (patient_status=="</pre> <p>And 597 other symbols [42]</p>	<p>LONG</p> <p>price_imp</p>
<p>VARIABLE</p> <pre>// new patients get randomized prices (patient_status==" New") ? 1500 : //return clients get their old prices (pa tient_status=="Return" && return_prices.InList(10,8,6,4, 2)) ? 1500 : (patient_status=="R</pre> <p>And 50 other symbols [43]</p>	<p>LONG</p> <p>price_pill</p>
<p>VARIABLE</p> <pre>// new patients get randomized prices (patient_status==" New") ? 1250 : //return clients get their old prices (pa tient_status=="Return" && return_prices.InList(10,8,6,4, 2)) ? 1250 : (patient_status=="R</pre> <p>And 50 other symbols [44]</p>	<p>LONG</p> <p>price_inj</p>
<p>VARIABLE</p> <pre>// 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</pre>	<p>LONG</p> <p>price_card</p>

<p>VARIABLE</p> <pre>(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</pre> <p>And 3 other symbols [45]</p>	<p>DOUBLE</p> <p>winner_view</p>
<p>VARIABLE</p> <pre>(\$Jim \$Jin \$Jiu \$Jpi \$Jlam \$Qim \$Qin \$Qiu \$Qpi) ? true : false</pre>	<p>BOOLEAN</p> <p>viewmustbeseq</p>
<p>VARIABLE</p> <pre>// 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==</pre> <p>And 687 other symbols [46]</p>	<p>LONG</p> <p>view</p>
<p>VARIABLE</p> <pre>(view==1) ? "D-SQ" : (view==2) ? "RP" : "None"</pre>	<p>STRING</p> <p>view_s</p>
<p>VARIABLE</p> <pre>// 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</pre> <p>And 13 other symbols [47]</p>	<p>STRING</p> <p>view_r</p>
<p>VARIABLE</p> <pre>Math.Floor(((double)((long)Math.Floor(random_draw.Value*100000000000) - (long)Math.Floor(random_draw.Value*100000000)*1000)/999)*((120-1)+1)+1)</pre>	<p>DOUBLE</p> <p>r_view</p>
<p>VARIABLE</p> <pre>(!\$JNonModern && methods[(int)r_view].m1==1) ? "DIU - Cu ivre" : (!\$JNonModern && methods[(int)r_view].m1==2) ? "IMPLANT" : (!\$JNonModern && methods[(int)r_view].m1==3) ? "MAMA" : (!\$JNonModern && meth</pre> <p>And 231 other symbols [48]</p>	<p>STRING</p> <p>method1_sbs</p>
<p>VARIABLE</p> <pre>(!\$JNonModern && methods[(int)r_view].m2==1) ? "DIU - Cu ivre" : (!\$JNonModern && methods[(int)r_view].m2==2) ? "IMPLANT" : (!\$JNonModern && methods[(int)r_view].m2==3) ? "MAMA" : (!\$JNonModern && meth</pre> <p>And 231 other symbols [49]</p>	<p>STRING</p> <p>method2_sbs</p>
<p>VARIABLE</p> <pre>(!\$JNonModern && methods[(int)r_view].m3==1) ? "DIU - Cu ivre" : (!\$JNonModern && methods[(int)r_view].m3==2) ? "IMPLANT" : (!\$JNonModern && methods[(int)r_view].m3==3) ? "MAMA" : (!\$JNonModern && meth</pre> <p>And 231 other symbols [50]</p>	<p>STRING</p> <p>method3_sbs</p>
<p>VARIABLE</p> <pre>(!\$JNonModern && methods[(int)r_view].m4==1) ? "DIU - Cu ivre" : (!\$JNonModern && methods[(int)r_view].m4==2) ? "IMPLANT" : (!\$JNonModern && methods[(int)r_view].m4==3) ? "MAMA" : (!\$JNonModern && meth</pre> <p>And 230 other symbols [51]</p>	<p>STRING</p> <p>method4_sbs</p>
<p>VARIABLE</p> <pre>(!\$JNonModern && methods[(int)r_view].m5==1) ? "DIU - Cu ivre" : (!\$JNonModern && methods[(int)r_view].m5==2) ? "IMPLANT" : (!\$JNonModern && methods[(int)r_view].m5==3) ? "MAMA" : (!\$JNonModern && meth</pre> <p>And 230 other symbols [52]</p>	<p>STRING</p> <p>method5_sbs</p>

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

(method1=="DIU - Cuivre" && (!\$IN_IUD && \$NoContraindications==false))) ? false : (method1=="IMPLANT" && (!\$IN_IMPLANT && \$NoContraindications==false))) ? false : ((method1=="PILL - COC" && (!\$IN_C

[And 331 other symbols \[53\]](#)

BOOLEAN

show_method1

VARIABLE

(method2=="DIU - Cuivre" && (!\$IN_IUD && \$NoContraindications==false))) ? false : (method2=="IMPLANT" && (!\$IN_IMPLANT && \$NoContraindications==false))) ? false : ((method2=="PILL - COC" && (!\$IN_C

[And 331 other symbols \[54\]](#)

BOOLEAN

show_method2

VARIABLE

(method3=="DIU - Cuivre" && (!\$IN_IUD && \$NoContraindications==false))) ? false : (method3=="IMPLANT" && (!\$IN_IMPLANT && \$NoContraindications==false))) ? false : ((method3=="PILL - COC" && (!\$IN_C

[And 332 other symbols \[55\]](#)

BOOLEAN

show_method3

VARIABLE

(method4=="DIU - Cuivre" && (!\$IN_IUD && \$NoContraindications==false))) ? false : (method4=="IMPLANT" && (!\$IN_IMPLANT && \$NoContraindications==false))) ? false : ((method4=="PILL - COC" && (!\$IN_C

[And 331 other symbols \[56\]](#)

BOOLEAN

show_method4

<p>VARIABLE</p> <p>(method5=="DIU - Cuivre" && (!\$IN_IUD && \$NoContraindications==false))) ? false : (method5=="IMPLANT" && (!\$IN_IMPLANT && \$NoContraindications==false))) ? false : ((method5=="PILL - COC" && (!\$IN_C</p> <p>And 331 other symbols [57]</p>	<p>BOOLEAN</p> <p>show_method5</p>
<p>VARIABLE</p> <p>(view==1) ? method1_sbs : (view==2) ? method1_seq : method1_seq</p>	<p>STRING</p> <p>method1</p>
<p>VARIABLE</p> <p>(view==1) ? method2_sbs : (view==2) ? method2_seq : method2_seq</p>	<p>STRING</p> <p>method2</p>
<p>VARIABLE</p> <p>(view==1) ? method3_sbs : (view==2) ? method3_seq : method3_seq</p>	<p>STRING</p> <p>method3</p>
<p>VARIABLE</p> <p>(view==1) ? method4_sbs : (view==2) ? method4_seq : method4_seq</p>	<p>STRING</p> <p>method4</p>
<p>VARIABLE</p> <p>(view==1) ? method5_sbs : (view==2) ? method5_seq : method5_seq</p>	<p>STRING</p> <p>method5</p>
<p>VARIABLE</p> <p>(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</p> <p>And 22 other symbols [58]</p>	<p>STRING</p> <p>date_4weeks</p>
<p>VARIABLE</p> <p>(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</p> <p>And 22 other symbols [59]</p>	<p>STRING</p> <p>date_6weeks</p>
<p>VARIABLE</p> <p>(unexplained_bleeding.InList(1)) ? "- La patiente a des saignements vaginaux inexpliques" : ""</p>	<p>STRING</p> <p>UVB_reason</p>
<p>STATIC TEXT</p> <p>E (UVB_reason!="") // AND not currently pregnant && !\$NoContraindications</p> <p><i>WARNING: the IUD is contraindicated for this client at this time %UVB_reason%</i></p>	
<p>STATIC TEXT</p> <p>E // 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 And 253 other symbols [57]</p> <p><i>WARNING: the IUD is contraindicated for this client at this time because she gave birth between 48 hours and 4 weeks ago.</i></p> <p><i>However, you can still discuss it and she can make a plan to adopt it in 4 weeks from now, on the %date_4weeks%</i></p>	
<p>STATIC TEXT</p> <p>E // client experiences unexplained vaginal bleeding unexplained_bleeding.InList(1) // AND not currently pregnant && !\$NoContraindications</p> <p><i>WARNING: the IMPLANT is contraindicated for this client at this time %UVB_reason%</i></p>	
<p>VARIABLE</p> <p>(IsAnswered(taking_drugs) && taking_drugs.ContainsAny(2,3)) ? "- La patiente prend des medicaments contre le TB ou des Barbituriques" : ""</p>	<p>STRING</p> <p>drugs_reason</p>

STATIC TEXT

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

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

VARIABLE (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) And 115 other symbols [60]	STRING coc_reason1
VARIABLE (IsAnswered(birth_date) && birth_date.Value.AddMonths(6) >=interview_date && exclusive_breastfeeding.InList(1)) (IsAnswered(birth_date2) && birth_date2.Value.AddMonths(6) >=interview_date) And 149 other symbols [61]	STRING coc_reason2
VARIABLE (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]	STRING coc_reason3
VARIABLE (age>35 && medical_history.ContainsAny(3,8)) (medical_history.ContainsAll(3,8)) ? "- La patiente remplis de ux de ces criteres, elle est fumeuse, agee de plus de 35 ans, ou diabetique" : ""	STRING coc_reason4

STATIC TEXT

```
E (coc_reason1!="" || coc_reason2!="" || coc_reason3!="" || coc_reason4!="" || drugs_reason!="") // Don't show if client 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 (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]	STRING injectable_reason1
VARIABLE (sys_bp>=160 dia_bp>=100) ? "- La patiente a une pression arterielle systolique>=160 ou diastolique>=140" : ""	STRING injectable_reason2
VARIABLE (age>35 && medical_history.ContainsAny(3,8)) (medical_history.ContainsAll(3,8)) ? "- La patiente remplis de ux de ces criteres, elle est fumeuse, agee de plus de 35 ans, ou diabetique" : ""	STRING injectable_reason3
VARIABLE (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]	STRING injectable_reason4

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)>=int) [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 medically 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%?	SINGLE-SELECT	discuss1
E view==2 && q_version.InList("Full", "Discuss")	01 <input type="radio"/> Yes 00 <input type="radio"/> 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.

<p>Would you like to adopt %method1%?</p> <p>If you are not sure, we can discuss the next best method and we can always come back to this one.</p> <p>E (discuss1==1 view==1)</p>	<p>SINGLE-SELECT adopt1</p> <p>01 <input type="radio"/> Yes, the client CHOSE to adopt the method</p> <p>02 <input type="radio"/> Maybe, but the client would like to discuss OTHER methods</p> <p>00 <input type="radio"/> No, the client does NOT want to adopt the method</p>
<p>Press here to randomize prices</p> <p>E adopt1==1 && view_prices==true && !IsAnswered(return_prices) && method!="MAMA"</p>	<p>DATE: CURRENT TIME price1</p> <p>.....</p>
<p>STATIC TEXT</p> <p>E ((adopt1==1 q_version=="Reduced") && view_prices==true && (IsAnswered(price1) IsAnswered(return_prices) IsAnswered(price2) IsAnswered(price3) IsAnswered(price4) IsAnswered(price And 4 other symbols [64]))</p> <p>Prices:</p> <p><i>ALL prices below are valid for a period of ONE year, until %date1year%.</i></p> <p><i>IUD : 5000-F - %price_iud% F</i></p> <p><i>IMPLANT : 5250-F - %price_imp% F</i></p> <p><i>Removal of the IUD or Implant is <u>free for life</u>.</i></p> <p><i>INJECTABLE : %price_inj% F</i></p> <p><i>PILL : %price_pill% F</i></p> <p><i>Prices for the pill and injectable are valid for <u>4 cycles of adoptions</u> within ONE year, until %date1year%.</i></p>	
<p>Please record the reason the client does not want to consider/adopt the method ?</p> <p>E discuss1==0 adopt1==0</p>	<p>MULTI-SELECT whynot1</p> <p>01 <input type="checkbox"/> Has used method before</p> <p>02 <input type="checkbox"/> Medical eligibility</p> <p>10 <input type="checkbox"/> Insertion (site or process)</p> <p>11 <input type="checkbox"/> Method is hormonal</p> <p>03 <input type="checkbox"/> Effectiveness</p> <p>04 <input type="checkbox"/> Discretion</p> <p>05 <input type="checkbox"/> Cost or price</p> <p>13 <input type="checkbox"/> Inconvenient</p> <p>06 <input type="checkbox"/> Side effects (pain, increased bleeding, cramps, weight gain, etc...)</p> <p>08 <input type="checkbox"/> Thinks method causes infertility</p> <p>09 <input type="checkbox"/> Thinks method causes other diseases (cancer, infections, etc...)</p> <p>99 <input type="checkbox"/> Other</p>
<p>Please specify the medical eligibility.</p> <p>E whynot1.Contains(2)</p>	<p>TEXT whynot1_med</p> <p>.....</p>
<p>Please specify the other reason(s).</p> <p>E whynot1.Contains(99)</p>	<p>TEXT whynot1_oth</p> <p>.....</p>

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 in addition to her chosen method?

E (adopt1==1 || q_version=="Reduced") && \$IN_LAM && method1!="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 && method1_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.ContainsAny(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 the 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%?

E view==2

SINGLE-SELECT

discuss2

- 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%? If you are not sure, we can discuss the next best method and we can always come back to this one.	SINGLE-SELECT adopt2 01 <input type="radio"/> Yes, the client CHOSE to adopt the method 02 <input type="radio"/> Maybe, but the client would like to discuss OTHER methods 00 <input type="radio"/> No, the client does NOT want to adopt the method
E (discuss2==1 view==1)	
Press here to randomize prices	DATE: CURRENT TIME price2
E adopt2==1 && view_prices==true && !IsAnswered(return_prices) && method2!="MAMA"	

STATIC TEXT

E adopt2==1 && view_prices==true && (IsAnswered(price2) || IsAnswered(return_prices) || IsAnswered(price1) || 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 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%.

<p>Please record the reason the client does not want to consider/adopt the %method2% ?</p> <p>E discuss2==0 adopt2==0</p>	<p>MULTI-SELECT whynot2</p> <p>01 <input type="checkbox"/> Has used method before</p> <p>02 <input type="checkbox"/> Medical eligibility</p> <p>10 <input type="checkbox"/> Insertion (site or process)</p> <p>11 <input type="checkbox"/> Method is hormonal</p> <p>03 <input type="checkbox"/> Effectiveness</p> <p>04 <input type="checkbox"/> Discretion</p> <p>05 <input type="checkbox"/> Cost or price</p> <p>13 <input type="checkbox"/> Inconvenient</p> <p>06 <input type="checkbox"/> Side effects (pain, increased bleeding, cramps, weight gain, etc...)</p> <p>08 <input type="checkbox"/> Thinks method causes infertility</p> <p>09 <input type="checkbox"/> Thinks method causes other diseases (cancer, infections, etc...)</p> <p>99 <input type="checkbox"/> Other</p>
<p>Please specify the medical eligibility.</p> <p>E whynot2.Contains(2)</p>	<p>TEXT whynot2_med</p> <p>.....</p>
<p>Please specify the other reason(s).</p> <p>E whynot2.Contains(99)</p>	<p>TEXT whynot2_oth</p> <p>.....</p>
<p>STATIC TEXT</p> <p>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]</p> <p><i>The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted.</i></p>	
<p>STATIC TEXT</p> <p>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]</p> <p><i>The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.</i></p>	
<p>STATIC TEXT</p> <p>E adopt2==1</p> <p><i>Please proceed to administration of %method2%.</i></p>	
<p>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.</p> <p>Does the client also want to use LAM in addition to her chosen method?</p> <p>E (adopt2==1 q_version=="Reduced") && \$IN_LAM && method2!="MAMA" && patient_status=="New"</p>	<p>SINGLE-SELECT also_lam2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Please confirm whether the client received the %method2% before leaving the facility?</p> <p>E !((view==2 && method2_seq=="MAMA") (view==1 && method2_sbs=="MAMA")) && (adopt2==1)</p>	<p>SINGLE-SELECT leave2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>

<p>Would the client like to consider other methods to use along with, or following, LAM?</p> <p>E ((view==2 && method2_seq=="MAMA") (view==1 && method2_sbs=="MAMA")) && (adopt2==1)</p>	<p>SINGLE-SELECT lam2</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Why did the client not leave with this method?</p> <p>I Please correct any misconceptions before answering this question.</p> <p>E leave2==0</p>	<p>MULTI-SELECT whyleave2</p> <p>01 <input type="checkbox"/> Method out of stock</p> <p>02 <input type="checkbox"/> Cost</p> <p>03 <input type="checkbox"/> Medical eligibility</p> <p>11 <input type="checkbox"/> Client will adopt after delivery (immediate post-partum)</p> <p>05 <input type="checkbox"/> Client is pregnant (post-partum adoption)</p> <p>07 <input type="checkbox"/> Consult with partner</p> <p>09 <input type="checkbox"/> Consult with parents/guardian</p> <p>10 <input type="checkbox"/> Wants to think about it</p> <p>99 <input type="checkbox"/> Other</p>
<p>Please specify the medical eligibility.</p> <p>E whyleave2.Contains(3)</p>	<p>TEXT whyleave2_med</p> <p>.....</p>
<p>Please specify the other reason.</p> <p>E whyleave2.Contains(99)</p>	<p>TEXT whyleave2_oth</p> <p>.....</p>
<p>Does the client want to come back another time to be administered the %method2% OR Does the client want to consider other methods?</p> <p>E leave2==0 && IsAnswered(whyleave2) && !whyleave2.ContainsAny(5,6,7,8,9,10,11)</p>	<p>SINGLE-SELECT consider_comeback2</p> <p>01 <input type="radio"/> Come back another time to be administered the method</p> <p>02 <input type="radio"/> Consider other methods</p> <p>03 <input type="radio"/> Left without her method</p>
<p>STATIC TEXT</p> <p>E moveon_2==true && IsAnswered(whynot2)</p> <p><i>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</i></p>	
<p>VARIABLE</p> <p>// 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</p> <p>And 69 other symbols [66]</p>	<p>BOOLEAN moveon_2</p>
<p>METHOD CHOICE</p> <p>METHOD: %METHOD3%</p> <p>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]</p> <p>STATIC TEXT</p> <p>E view==2 && // AND there is a tie between 3 and 4 we can show method 4 tie34==true && show_method4==true</p> <p><i>We think that the next two methods are equally well-suited, but we would like to start by discussing the %method3%.</i></p>	

<p>Would you like to discuss the %method3%?</p> <p>E view==2</p>	<p>SINGLE-SELECT discuss3</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
--	---

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.

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

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 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%.

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

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%.

<p>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.</p> <p>Does the client also want to use LAM <u>in addition to</u> her chosen method?</p> <p>E (adopt3==1 q_version=="Reduced") && \$IN_LAM && method3!="MAMA" && patient_status=="New"</p>	<p>SINGLE-SELECT also_lam3</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
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<p>Please confirm whether the client received the %method3% before leaving the facility?</p> <p>E !((view==2 && method3_seq=="MAMA") (view==1 && method3_sbs=="MAMA")) && (adopt3==1)</p>	<p>SINGLE-SELECT leave3</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
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<p>Would the client like to consider other method s to use along with, or following, LAM?</p> <p>E ((view==2 && method3_seq=="MAMA") (view==1 && method3_sbs=="MAMA")) && (adopt3==1)</p>	<p>SINGLE-SELECT lam3</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
--	---

<p>Why did the client not leave with this method?</p> <p>I Please correct any misconceptions before answering this question.</p> <p>E leave3==0</p>	<p>MULTI-SELECT whyleave3</p> <p>01 <input type="checkbox"/> Method out of stock</p> <p>02 <input type="checkbox"/> Cost</p> <p>03 <input type="checkbox"/> Medical eligibility</p> <p>11 <input type="checkbox"/> Client will adopt after delivery (immediate post-partum)</p> <p>05 <input type="checkbox"/> Client is pregnant (post-partum adoption)</p> <p>07 <input type="checkbox"/> Consult with partner</p> <p>09 <input type="checkbox"/> Consult with parents/guardian</p> <p>10 <input type="checkbox"/> Wants to think about it</p> <p>99 <input type="checkbox"/> Other</p>
---	--

<p>Please specify the medical eligibility.</p> <p>E whyleave3.Contains(3)</p>	<p>TEXT whyleave3_med</p> <p>.....</p>
---	---

<p>Please specify the other reason.</p> <p>E whyleave3.Contains(99)</p>	<p>TEXT whyleave3_oth</p> <p>.....</p>
---	---

<p>Does the client want to come back another time to be administered the %method3%</p> <p>OR</p> <p>Does the client want to consider other method s?</p> <p>E leave3==0 && IsAnswered(whyleave3) && !whyleave3.ContainsAny(5,6,7,8,9,10,11)</p>	<p>SINGLE-SELECT consider_comeback3</p> <p>01 <input type="radio"/> Come back another time to be administered the method</p> <p>02 <input type="radio"/> Consider other methods</p> <p>03 <input type="radio"/> Left without her method</p>
---	--

<p>STATIC TEXT</p> <p>E moveon_3==true && IsAnswered(whynot3)</p> <p><i>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</i></p>	
---	--

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

BOOLEAN
moveon_3

[And 69 other symbols \[67\]](#)

METHOD CHOICE
METHOD: %METHOD4%

E // 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 (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%?

SINGLE-SELECT
discuss4

E view==2

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.

<p>Would you like to adopt %method4%?</p> <p>If you are not sure, we can discuss the next best method and we can always come back to this one.</p> <p>E (discuss4==1 view==1)</p>	<p>SINGLE-SELECT adopt4</p> <p>01 <input type="radio"/> Yes, the client CHOSE to adopt the method</p> <p>02 <input type="radio"/> Maybe, but the client would like to discuss OTHER methods</p> <p>00 <input type="radio"/> No, the client does NOT want to adopt the method</p>
<p>Press here to randomize prices</p> <p>E adopt4==1 && view_prices==true && !IsAnswered(return_prices) && method4!="MAMA"</p>	<p>DATE: CURRENT TIME price4</p> <p>.....</p>
<p>STATIC TEXT</p> <p>E adopt4==1 && view_prices==true && (IsAnswered(price4) IsAnswered(return_prices) IsAnswered(price1) IsAnswered(price2) IsAnswered(price3) IsAnswered(price5))</p> <p>Prices:</p> <p><i>ALL prices below are valid for a period of ONE year, until %date1year%.</i></p> <p><i>IUD : 5000-F - %price_iud% F</i></p> <p><i>IMPLANT : 5250-F - %price_imp% F</i></p> <p><i>Removal of the IUD or Implant is <u>free for life</u>.</i></p> <p><i>INJECTABLE : %price_inj% F</i></p> <p><i>PILL : %price_pill% F</i></p> <p><i>Prices for the pill and injectable are valid for 4 cycles of adoptions within ONE year, until %date1year%.</i></p>	
<p>Please record the reason the client does not want to consider/adopt the %method4% ?</p> <p>E discuss4==0 adopt4==0</p>	<p>MULTI-SELECT whynot4</p> <p>01 <input type="checkbox"/> Has used method before</p> <p>02 <input type="checkbox"/> Medical eligibility</p> <p>10 <input type="checkbox"/> Insertion (site or process)</p> <p>11 <input type="checkbox"/> Method is hormonal</p> <p>03 <input type="checkbox"/> Effectiveness</p> <p>04 <input type="checkbox"/> Discretion</p> <p>05 <input type="checkbox"/> Cost or price</p> <p>13 <input type="checkbox"/> Inconvenient</p> <p>06 <input type="checkbox"/> Side effects (pain, increased bleeding, cramps, weight gain, etc...)</p> <p>08 <input type="checkbox"/> Thinks method causes infertility</p> <p>09 <input type="checkbox"/> Thinks method causes other diseases (cancer, infections, etc...)</p> <p>99 <input type="checkbox"/> Other</p>
<p>Please specify the medical eligibility.</p> <p>E whynot4.Contains(2)</p>	<p>TEXT whynot4_med</p> <p>.....</p>
<p>Please specify the other reason(s).</p> <p>E whynot4.Contains(99)</p>	<p>TEXT whynot4_oth</p> <p>.....</p>

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 in addition to her chosen method?

E (adopt4==1 || q_version=="Reduced") && \$IN_LAM && method4!="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 && method4_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.ContainsAny(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 the method for any reason and

[And 71 other symbols \[68\]](#)

BOOLEAN

moveon_4

METHOD CHOICE

METHOD: %METHOD5%

E // method 5 not contraindicated nor does not 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 [And 520 other symbols \[44\]](#)

Would you like to discuss the %method5%?

E view==2

SINGLE-SELECT

discuss5

- 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.

<p>Would you like to adopt %method5%?</p> <p>If you are not sure, we can discuss the next best method and we can always come back to this one.</p> <p>E (discuss5==1 view==1)</p>	<p>SINGLE-SELECT adopt5</p> <p>01 <input type="radio"/> Yes, the client CHOSE to adopt the method</p> <p>02 <input type="radio"/> Maybe, but the client would like to discuss OTHER methods</p> <p>00 <input type="radio"/> No, the client does NOT want to adopt the method</p>
<p>Press here to randomize prices</p> <p>E adopt5==1 && view_prices==true && !IsAnswered(return_prices) && method5!="MAMA"</p>	<p>DATE: CURRENT TIME price5</p> <p>.....</p>

STATIC TEXT

E adopt5==1 && view_prices==true && (IsAnswered(price5) || IsAnswered(return_prices) || IsAnswered(price1) || IsAnswered(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 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%.

<p>Please record the reason the client does not want to consider/adopt the %method5% ?</p> <p>E discuss5==0 adopt5==0</p>	<p>MULTI-SELECT whynot5</p> <p>01 <input type="checkbox"/> Has used method before</p> <p>02 <input type="checkbox"/> Medical eligibility</p> <p>10 <input type="checkbox"/> Insertion (site or process)</p> <p>11 <input type="checkbox"/> Method is hormonal</p> <p>03 <input type="checkbox"/> Effectiveness</p> <p>04 <input type="checkbox"/> Discretion</p> <p>05 <input type="checkbox"/> Cost or price</p> <p>13 <input type="checkbox"/> Inconvenient</p> <p>06 <input type="checkbox"/> Side effects (pain, increased bleeding, cramps, weight gain, etc...)</p> <p>08 <input type="checkbox"/> Thinks method causes infertility</p> <p>09 <input type="checkbox"/> Thinks method causes other diseases (cancer, infections, etc...)</p> <p>99 <input type="checkbox"/> Other</p>
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<p>Please specify the medical eligibility.</p> <p>E whynot5.Contains(2)</p>	<p>TEXT</p> <p>whynot5_med</p> <p>.....</p>
<p>Please specify the other reason(s).</p> <p>E whynot5.Contains(99)</p>	<p>TEXT</p> <p>whynot5_oth</p> <p>.....</p>
<p>STATIC TEXT</p> <p>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 And 233 other symbols [73]</p> <p><i>The client cannot adopt the IUD today, but she can come back in 4 weeks (on the %date_4weeks%) to have it inserted.</i></p>	
<p>STATIC TEXT</p> <p>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 And 136 other symbols [74]</p> <p><i>The client cannot adopt the INJECTABLE today, but she can come back in 6 weeks (on the %date_6weeks%) to have it inserted.</i></p>	
<p>STATIC TEXT</p> <p>E adopt5==1</p> <p><i>Please proceed to administration of %method5%.</i></p>	
<p>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.</p> <p>Does the client also want to use LAM in addition to her chosen method?</p> <p>E (adopt5==1 q_version=="Reduced") && \$IN_LAM && method5!="MAMA" && patient_status=="New"</p>	<p>SINGLE-SELECT</p> <p>also_lam5</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Please confirm whether the client received the %method5% before leaving the facility?</p> <p>E adopt5==1</p>	<p>SINGLE-SELECT</p> <p>leave5</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Would the client like to consider other method to use along with, or following, LAM?</p> <p>E ((view==1 && method5_sbs=="MAMA")) && (adopt5==1)</p>	<p>SINGLE-SELECT</p> <p>lam5</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>Why did the client not leave with this method?</p> <p>I Please correct any misconceptions before answering this question.</p> <p>E leave5==0</p>	<p>MULTI-SELECT</p> <p>whyleave5</p> <p>01 <input type="checkbox"/> Method out of stock</p> <p>02 <input type="checkbox"/> Cost</p> <p>03 <input type="checkbox"/> Medical eligibility</p> <p>11 <input type="checkbox"/> Client will adopt after delivery (immediate post-partum)</p> <p>05 <input type="checkbox"/> Client is pregnant (post-partum adoption)</p> <p>07 <input type="checkbox"/> Consult with partner</p> <p>09 <input type="checkbox"/> Consult with parents/guardian</p> <p>10 <input type="checkbox"/> Wants to think about it</p> <p>99 <input type="checkbox"/> Other</p>
<p>Please specify the medical eligibility.</p> <p>E whyleave5.Contains(3)</p>	<p>TEXT</p> <p>whyleave5_med</p> <p>.....</p>

<p>Please specify the other reason.</p> <p>E whyleave5.Contains(99)</p>	<p>TEXT</p> <p>whyleave5_oth</p> <p>.....</p>
<p>Does the client want to come back another time to be administered the %method5%</p> <p>OR</p> <p>Does the client want to consider other methods?</p> <p>E leave5==0 && IsAnswered(whyleave5) && !whyleave5.ContainsAny(5,6,7,8,9,10,11)</p>	<p>SINGLE-SELECT</p> <p>consider_comeback5</p> <p>01 <input type="radio"/> Come back another time to be administered the method</p> <p>02 <input type="radio"/> Consider other methods</p> <p>03 <input type="radio"/> Left without her method</p>
<p>STATIC TEXT</p>	
<p>E moveon_5==true && IsAnswered(whynot5)</p> <p><i>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</i></p>	
<p>VARIABLE</p> <p>// 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</p> <p>And 86 other symbols [69]</p>	<p>BOOLEAN</p> <p>moveon_5</p>
<p>VARIABLE</p> <p>(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</p> <p>And 467 other symbols [70]</p>	<p>BOOLEAN</p> <p>choice_made</p>
<p>Please press the button below if the client is N OT interested in discussing any of the methods above.</p> <p>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]</p>	<p>DATE: CURRENT TIME</p> <p>sbs_none</p> <p>.....</p>
<p>Are you interested in any of these other methods?</p> <p>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.</p> <p>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_method5==false)) // wants a n And 52 other symbols [38]</p>	<p>MULTI-SELECT</p> <p>no_method</p> <p>01 <input type="checkbox"/> Male Condoms</p> <p>02 <input type="checkbox"/> Female Condoms</p> <p>03 <input type="checkbox"/> Standard days method (Calendar)</p> <p>04 <input type="checkbox"/> Spermicide</p> <p>05 <input type="checkbox"/> Withdrawal method</p> <p>06 <input type="checkbox"/> Emergency contraceptive pill</p> <p> </p> <p>99 <input type="checkbox"/> Other</p> <p>00 <input type="checkbox"/> None</p>
<p>Please specify the other method.</p> <p>E no_method.Contains(99)</p>	<p>TEXT</p> <p>nomethod_sp</p> <p>.....</p>
<p>Press the button below if you would like to view the prices offered for one of the modern methods:</p> <p>E view_prices==true && choice_made==false</p>	<p>DATE: CURRENT TIME</p> <p>view_prices_mc</p> <p>.....</p>

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 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%.

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.

<p>VARIABLE</p> <p>(IsAnswered(ideal_num_children) & number_children>=0) ? number_children + ideal_num_children : (IsAnswered(ideal_num_children) & number_children<0) ? number_children : -99</p>	<p>LONG</p> <p>desired_children</p>
<p>VARIABLE</p> <p>(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</p> <p>And 48 other symbols [71]</p>	<p>STRING</p> <p>profession_register</p>
<p>VARIABLE</p> <p>(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)) ?</p> <p>And 14 other symbols [72]</p>	<p>STRING</p> <p>pec</p>
<p>VARIABLE</p> <p>(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"</p>	<p>STRING</p> <p>pecoc</p>
<p>VARIABLE</p> <p>//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</p> <p>And 292 other symbols [73]</p>	<p>STRING</p> <p>price_coc_pec</p>

<p>VARIABLE</p> <pre>(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</pre> <p>And 8 other symbols [74]</p>	<p>STRING</p> <p style="text-align: right;">removal_price</p>
<p>VARIABLE</p> <pre>// 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 &&</pre> <p>And 849 other symbols [75]</p>	<p>BOOLEAN</p> <p style="text-align: right;">removal_ask</p>
<p>VARIABLE</p> <pre>(IsAnswered(removal) && removal==0) ? "Non" : (IsAnswered(removal) && removal==1) ? "Oui" : (!IsAnswered(removal) && removal_ask==true) ? "Retrait a confirmer en dessous" : "Non"</pre>	<p>STRING</p> <p style="text-align: right;">removal_s</p>
<p>STATIC TEXT</p> <p>E view_text==true</p> <p><i>Ask about removal: %removal_ask%</i></p>	
<p>STATIC TEXT</p> <p>E path.InList(1,2,3,4,5)</p> <p><i>Info registre</i></p> <p><i>Today's date: %today%</i></p> <p><i>Name: %name%</i> <i>Date of Birth: %woman_birth_date_string% / age: %age%</i> <i>Telephone: %phone%</i> <i>Marital status: %marital_status%</i> <i>Education: %education_level%</i> <i>Profession: %profession_register%</i> <i>Religion: %religion%</i> <i>Neighbourhood: %neighbourhood%</i> <i>Parity:</i> - Pregnancies: %number_pregnancies% - Abortions: %number_abortions% - Children: %number_children% <i>Date of birth of last child: %birth_date%</i> <i>Desired num. of children: %desired_children%</i> <i>BP: %sys_bp% / %dia_bp%</i> <i>Height %height% / weight: %weight%</i> <i>Pulse: %pulse% / temperature: %temperature%</i></p> <p><i>Prise en charge: %pec%</i> - prescrit la COC: %pecoc% <i>(prix par plaquette: %price_coc_pec%)</i></p> <p><i>Removal: %removal_s%</i> <i>Price of removal: %removal_price%</i> <i>(removals are free if method was adopted during the project at HGOPY)</i></p>	
<p>Numero de dossier:</p> <p>E !IsAnswered(numero_dossier)</p>	<p>TEXT</p> <p style="text-align: right;">numero_dossier2</p> <p>-----</p>
<p>VARIABLE</p> <pre>//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</pre> <p>And 1632 other symbols [76]</p>	<p>STRING</p> <p style="text-align: right;">C</p>

<p>VARIABLE</p> <p>(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 :</p> <p>And 5 other symbols [77]</p>	<p>STRING</p> <p>name</p>
<p>VARIABLE</p> <p>(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</p> <p>And 12 other symbols [78]</p>	<p>STRING</p> <p>phone</p>

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: %n0%- %n1% - %n2% - %n3% - %n4%

Code registre:
%n0%- %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: %n0%- %n1% - %n2% - %n3% - %n4%
Date de visite: %today%

Code registre:
%n0%- %n1%- %n2%- %n3%- %n4% V: %view_past% P: %return_prices% C: %C%

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

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 currently 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, 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?

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:** The consultation is finished. 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_methodlbiii_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_methodlbiii_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_methodlbiii_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_methodla_r==1
|| ok_discuss_method2_r==1
|| ok_discuss_methodlbi_r==1
|| ok_discuss_methodlbiii_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 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.**

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 LAM 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 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.**

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 INJECTABLE 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 LAM 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 LAM 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] : **The consultation has ended**

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] : <u><big>Prices:</big></u>

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

 IUD : <s>5000 F</s> - %price_iud% F

 IMPLANT : <s>5250 F</s> - %price_imp% F

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

Enablement Condition:

```
(adopt1==1 || q_version=="Reduced") && view_prices==true &&
(IsAnswered(price1) || IsAnswered(return_prices)
 || IsAnswered(price2) || IsAnswered(price3) || IsAnswered(price4) || IsAnswered(price5))
```

[65] : 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:

```
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] : 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:

```
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] : 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:

```
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] : 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:

```
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] : 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:

```
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] : 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:

```
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] : 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:

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

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

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

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

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] : **The client does NOT need a carton for this consultation.**

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 or 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(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(0)) ? "Discuss" : (lam_return_method.InList(1) && ((chosen_return_method.InList(1,2,3,4) && adopted_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_ok)) ? 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 || symptoms_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 | | symptoms_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(15,29) && age.InRange(15,24)) ? 1 : (context_mind==0 && age.InRange(15,29) && age.InRange(25,29)) ? 2 : (context_mind==0 && age.InRange(30,49) && context_birth==0) ? 3 : (context_mind==0 && age.InRange(30,49) && context_birth==1) ? 4 : // method in mind folks (context_mind==1 && age.InRange(15,29) && age.InRange(15,24)) ? 5 : (context_mind==1 && age.InRange(15,29) && age.InRange(25,29)) ? 6 : (context_mind==1 && age.InRange(30,49) && context_birth==0) ? 7 : (context_mind==1 && age.InRange(30,49) && context_birth==1) ? 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
(lage.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:**

```
(!$NonModern && methods[(int)r_view].m1==1) ? "DIU - Cuivre" : (!$NonModern && methods[(int)r_view].m1==2) ? "IMPLANT" :
(!$NonModern && methods[(int)r_view].m1==3) ? "MAMA" : (!$NonModern && methods[(int)r_view].m1==4 && $IN_COC) ? "PILL - COC" :
(!$NonModern && methods[(int)r_view].m1==4 && !$IN_COC && $IN_POP) ? "PILL - POP" : (!$NonModern && methods[(int)r_view].m1==5) ?
"INJECTABLE" : ($NonModern) ? "NONE" : "NONE"
```

[49] **method2_sbs:**

```
(!$NonModern && methods[(int)r_view].m2==1) ? "DIU - Cuivre" : (!$NonModern && methods[(int)r_view].m2==2) ? "IMPLANT" :
(!$NonModern && methods[(int)r_view].m2==3) ? "MAMA" : (!$NonModern && methods[(int)r_view].m2==4 && $IN_COC) ? "PILL - COC" :
(!$NonModern && methods[(int)r_view].m2==4 && !$IN_COC && $IN_POP) ? "PILL - POP" : (!$NonModern && methods[(int)r_view].m2==5) ?
"INJECTABLE" : ($NonModern) ? "NONE" : "NONE"
```

[50] **method3_sbs:**

```
(!$NonModern && methods[(int)r_view].m3==1) ? "DIU - Cuivre" : (!$NonModern && methods[(int)r_view].m3==2) ? "IMPLANT" :
(!$NonModern && methods[(int)r_view].m3==3) ? "MAMA" : (!$NonModern && methods[(int)r_view].m3==4 && $IN_COC) ? "PILL - COC" :
(!$NonModern && methods[(int)r_view].m3==4 && !$IN_COC && $IN_POP) ? "PILL - POP" : (!$NonModern && methods[(int)r_view].m3==5) ?
"INJECTABLE" : ($NonModern) ? "NONE" : "NONE"
```

[51] **method4_sbs:**

```
(!$NonModern && methods[(int)r_view].m4==1) ? "DIU - Cuivre" : (!$NonModern && methods[(int)r_view].m4==2) ? "IMPLANT" :
(!$NonModern && methods[(int)r_view].m4==3) ? "MAMA" : (!$NonModern && methods[(int)r_view].m4==4 && $IN_COC) ? "PILL - COC" :
(!$NonModern && methods[(int)r_view].m4==4 && !$IN_COC && $IN_POP) ? "PILL - POP" : (!$NonModern && methods[(int)r_view].m4==5) ?
"INJECTABLE" : ($NonModern) ? "NONE" : "NONE"
```

[52] **method5_sbs:**

```
(!$NonModern && methods[(int)r_view].m5==1) ? "DIU - Cuivre" : (!$NonModern && methods[(int)r_view].m5==2) ? "IMPLANT" :
(!$NonModern && methods[(int)r_view].m5==3) ? "MAMA" : (!$NonModern && methods[(int)r_view].m5==4 && $IN_COC) ? "PILL - COC" :
(!$NonModern && methods[(int)r_view].m5==4 && !$IN_COC && $IN_POP) ? "PILL - POP" : (!$NonModern && methods[(int)r_view].m5==5) ?
"INJECTABLE" : ($NonModern) ? "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 (lage.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

Legend and structure of information in this file

Name of section	Enabling condition for this section	Type of question, scope	Variable name
SECTION 5: OTHER INCOME SOURCES	E s4_other_sources_which.Contains(98)	Answer options	
Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?	<p>I This refers to family relations E s3_time_other > 0 V1 s4_re1_leaders_which.Contains(98) M1 Can not be itself V2 (s3_time_other_breeding_advice <= (50 - s3_time_art_insem_advice)) s3_time_other_breeding_advice == 0 M2 This person is not in the list F optioncode != s5_ignored_option_code</p>	<p>MULTI-SELECT SCOPE: PREFILLED</p> <p>01 <input type="checkbox"/> Community animal health workers 02 <input type="checkbox"/> Private 03 <input type="checkbox"/> Government 04 <input type="checkbox"/> Livestock keepers association 05 <input type="checkbox"/> NGO</p> <p>And 5 other [13]</p>	s4_re1_leaders_other
Additional information:		Link to full set in appendix	
<p>"I" – Question instruction "E" – Enabling condition "V1" – Validation condition N°1 "M1" – Message for validation N°1 "F" – Filter in Categorical questions</p>			

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	