# Cervical Ripening at Home or In-Hospital (qCHOICE) Study Induction of Labour Experience Questionnaire

You are being invited to participate in a research study titled qCHOICE. This study is being done by University of Edinburgh, Professor Helen Cheyne from University of Stirling and Professor Christine McCourt from City, University of London.

Many pregnant women will be offered Induction of Labour (IOL) towards the end of their pregnancy. Labour often starts on its own, but sometimes it needs to be started artificially, usually because the baby is late. The first part of this process is called 'cervical ripening' (sometimes also called cervical priming), where medication or a specialised balloon is used to soften and open the cervix (neck of the womb), getting it ready for labour.

Cervical ripening used to be performed only in hospitals. However, about half of maternity units in the UK now offer 'home cervical ripening' – where women have the procedure started off in hospital, but can spend some time at home whilst waiting for the treatment to work.

We want to ask women about their experiences of cervical ripening (at home or in hospital) and having their labour induced. You are being invited to take part in the qCHOICE study because you had induction of labour.

This survey asks about you and your experiences of induction of labour and your labour and birth. What you tell us is very important; it helps us find out whether going home or staying in hospital for the first part of induction (cervical ripening) is acceptable to women, how good your care was and how it might be improved. **The survey will take you approximately 20 mintes to complete.** 

Further details about the study, including information about data protection, are available in the participant information sheet that you can read and download here:

Participant Information Sheet (PIS)

**Data Protection Information Sheet** 

Please read the participant information sheet and keep a copy before starting the survey. If you have any questions, you can contact either Dr Cassandra Yuill or Dr Mairi Harkness.

If you would prefer us to post you a paper copy to complete, or if you would prefer a researcher to complete it with you over the telephone, or need an interpreter to do this, please e-mail or call us:

Dr Cassandra Yuill Dr Mairi Harkness

T: 07840872417 T: 01786466119

There are no right or wrong answers, we just would like to find out your views and feelings and welcome your honesty. All your answers are treated as private.

Yes			
○ No			
~ · · · ·			

Have you had an induction of labour and given birth to your baby yet? \* Required

Thank you for your interest in taking part in the Cervical Ripening at Home or In-Hospital Process Evaluation (qCHOICE). You have been redirected because you have not yet had your baby.

If you do end up having an induction of labour, you will receive a notification from your online Maternity Notes about this questionnaire 10 days after you have given birth. The notification will provide a link back to this site.

# **CONSENT FORM for Service Users**

If you are happy to take part by completing this survey, please *initial* the boxes below to confirm your consent to participate:

	Please initial each box * Required
1. I confirm that I have read and understand the information sheet (05 MAY 2020 Version 2.0) and the Data Protection Information Sheet (01 APR 2020 Version 1.0) for the above study. I have had the opportunity to consider the information, ask questions and have had these questions answered satisfactorily.	
2. I understand that my participation is voluntary and that I am free to withdraw at any time, without giving any reason and without my medical care and/or legal rights being affected.	
3. I give permission for my personal information (including name, address, date of birth, telephone number and consent form) to be passed to the University of Stirling and City, University of London for administration of the study.	
4. I agree to take part in the above study.	
Name of Person Giving Consent * Required	
Date * Required	
Dates need to be in the format 'DD/MM/YYYY', for example 27/03/1980.	

(dd/mm/yyyy)

First some brief questions about you and the care you received. It is important to fill these out as you will then be asked questions relevant to the type of care you had.

How many weeks pregnant were you when you were induced?	* Required
What was your baby's birthweight in grams? Example: 3400	
Please enter a number.	
le this your first haby? • Poquirod	
Is this your first baby? * Required	
C Yes C No	
What hospital did you give birth in? * Required	
What is your age? * Required	

#### What is your postcode? Example: A12 3BC \* Required

Please enter a valid UK postcode.	

#### What is your ethnic group?

- White
- Mixed/Multiple ethnic groups
- Asian/Asian British
- © Black/African/Caribbean/Black British
- Other ethnic group

#### White

- English/Welsh/Scottish/Northern Irish/British
- Irish
- C Gypsy or Irish Traveller
- Any other White background

#### Mixed/Multiple ethnic groups

- White and Black Caribbean
- White and Black African
- White and Asian
- Any other Mixed/Multiple ethnic background

#### Asian/Asian British

<ul> <li>Indian</li> <li>Pakistani</li> <li>Bangladeshi</li> <li>Chinese</li> <li>Any other Asian background</li> </ul>
Black/African/Caribbean/Black British
<ul><li>African</li><li>Caribbean</li><li>Any other Black/African/Caribbean background</li></ul>
Other ethnic group
C Arab C Other
If you selected Other, please specify:

# The following questions ask about your choices about induction of labour

What wa	s the main reason your obstetrician or midwife recommended induction of
labour?	* Required

C Length of pregnancy
Medical reasons (e.g. high blood pressure)
I'm not sure/don't know
Other

If you selected Other, please specify:

# Before the decision for induction, where had you planned or expected to have your baby?

- In a hospital delivery suite (labour ward with obstetricians)
- In a hospital-based midwife-led unit/birth centre (maternity unit run by midwives only)
- © In a 'freestanding' midwife-led unit/birth centre (maternity unit outside of hospital run by midwives only)
- At home
- I hadn't decided yet

Did having an induction lead to any change in your birthplace plans?
C Yes C No C I'm not sure
If yes, please explain the reason.
Did you feel you were offered a choice about having your labour induced or waiting for labour to start?
<ul> <li>Yes, I felt this was fully my decision</li> <li>Yes, but I felt there was no other option</li> <li>Not really, as I didn't feel I had enough information</li> <li>No, I didn't feel I was given a choice</li> </ul>
Were your options explained to you in a way that you could understand?
<ul> <li>Yes, I felt I fully understood the options and their risks or benefits</li> <li>Partly</li> <li>Not really</li> <li>I'm not sure</li> <li>No</li> </ul>

# Thinking about what happened when you had your labour induced

Did	you get enough i	information a	about what to	expect duri	ng induction	of labour?
0	Yes, I felt I fully ur Partly Not really I'm not sure No	nderstood the	what to expe	ct		
	at method was us vical ripening or p	-		=		called
	Catheter (or ballo Gel pessaries (e.g I'm not sure/don't Other	g. Propess or	Prostin)			
	ou selected Other, p			irst inserted	how much de	o vou agree
	nking about <i>wher</i> lisagree with the f		r or gel was f	irst inserted	how much do	o you agree
		Strongly agree	Agree	Unsure	Disagree	Strongly disagree

I felt a lot of discomfort	Г	Г	Г	Г	Г	
I was able to cope with the discomfort	Г	Г	Г	Г		
I felt tense and anxious during the insertion	Г	Г	Г	Г	Г	
I felt anxious that the induction wouldn't work		Г	П	Г	Г	
Henry, A., Madan, A., Reid, R. et al. Outpatient Foley catheter versus inpatient prostaglandin E2 gel for induction of labour: a randomised trial. BMC Pregnancy and Childbirth 13, 25 (2013).  After the catheter or gel was inserted to start the process, did you have monitoring of your baby's heart (with a belt, CTG or doppler)?						
C Yes C No						
How long was this for (minutes)? Don't worry about exact times but recall as best you can.						
Please enter a whole number (integer).						
Were you offered the choice to go home for the first part of the process (cervical ripening or priming)? **Required						
C Yes						

#### If yes, did you go home? \* Required

Yes

O No

O I was not offered the option to go home

#### If you didn't go home, what was the main reason?

○ I didn't want to go home

C I initially wanted to go home but I changed my mind

C I was recommended to stay after the initial monitoring

## For women who remained in hospital

-			l you stay in antenatal unit before admission worry about exact times but recall as best you
Hours		Please select 🔻	
Minutes		Please select	
-		th partner) stay w or birth centre?	ith you during the time before your admission
C No C Birth p C Other			
If you sele	cted Other,	, please specify:	
primary c	arers) duri	ing the time you s	e paid or unpaid childcare (other than their tayed in the hospital? Childcare includes id relative, friend or babysitter.
© Yes			

15 / 44

If yes, how many hours of childcare were required while you were in hospital?

□ Paid □ Unpaid
Estimated additional hours? (paid)
Please enter a whole number (integer).
Estimated additional hours? (unpaid)
Please enter a whole number (integer).
What was your mode of transport to and from the hospital?
<ul> <li>□ Ambulance</li> <li>□ Public transportation</li> <li>□ Car</li> <li>□ Taxi</li> <li>□ Other</li> </ul>
If you selected Other, please specify:

Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.

£
What is your birth partner's employment status?
O Not in paid employment (e.g. looking after children/home; unemployed)
C In paid full-time employment
C In paid part-time employment
○ Self-employed
C Other
If you selected Other, please specify:

Thinking about the time from when the first dose of gel or catheter was inserted on the antenatal ward to the time you went to labour ward or birth centre, how much do you agree or disagree with the following:

	Strongly agree	Agree	Unsure	Disagree	Strongly disagree
I felt a lot of discomfort	Г	Г	Г	Г	Г
I was able to cope with the discomfort	Г	Г	Г	Г	
I felt anxious about being in hospital	Г	Г	Г	Г	
I was able to relax on the antenatal ward		Г	Г	Г	Г

I was able to rest on the antenatal ward	Г	Г	Г	Г	
I had good family support in hospital	Г	Г	Г	Г	
I had easy access to information from the staff	Г	Г	Г	Г	Г
I was worried the induction might not be safe	Г	Г	Г	Г	Г
I would have preferred to have gone home	Г	Г	Г	Г	Г
I felt embarrassed by the catheter/gel	Г	Г	Г	Г	Г

Henry, A., Madan, A., Reid, R. et al. Outpatient Foley catheter versus inpatient prostaglandin E2 gel for induction of labour: a randomised trial. BMC Pregnancy and Childbirth 13, 25 (2013).

#### Thinking about how you felt about your induction of labour overall

For each of the following statements, please tick the option which shows how you felt about your induction.

	Strongly agree	Agree	Unsure	Disagree	Strongly disagree
I felt anxious about being induced	Г	Г	Г	Г	
I felt in control					Г
I understood what was happening	Г	Г	Г	Г	
I felt relaxed					Г

Everything made sense	Г	Г	Г	Г	
I was given clear information	Г	Г	Г	Г	
I felt comfortable with my choice about my care		Г	Г	Г	Г
I had access to information about the types of induction available		Г	Г	Г	Γ
I had easy access to information about what to do		Г	Г	Г	Г
I found the induction process uncomfortable		Г	Г	Г	Г
I was worried about when my labour would begin		Г	Г	Г	Г
I would choose staying in hospital again		Г	Г	Г	Г
I would recommend staying in hospital during induction to other women		Г	Г	Г	Γ

Henry, A., Madan, A., Reid, R. et al. Outpatient Foley catheter versus inpatient prostaglandin E2 gel for induction of labour: a randomised trial. BMC Pregnancy and Childbirth 13, 25 (2013).

### For women who went home

After the catheter or gel was inserted and you went home, how long did you stay at home before admission to labour ward or birth centre? Don't worry about exact times but recall as best you can.
Hours Please select
Minutes Please select
Did you phone the hospital ward or your midwife for advice while at home?
© No
If yes, how many times?  Please enter a whole number (integer).
Did you return to the hospital but go home again without being admitted to the labour ward or birth centre?
C Yes C No
If yes, how many times?
Please enter a whole number (integer).

Did anyone (e.g. birth partner) stay with you during your time at home before your admission to the labour ward or birth centre?
C No C Birth partner C Other
If you selected Other, please specify:
If you have other children, did you use paid or unpaid childcare (other than primary carers) during the time you stayed at home after cervical ripening/priming?  Childcare includes private or public nursery, a paid or unpaid relative, friend or babysitter.
C Yes C No
If yes, how many hours of childcare were required while you were at home prior to
admission to the labour ward?
admission to the labour ward?  ☐ Paid ☐ Unpaid

Estimated additional hours? (unpaid)  Please enter a whole number (integer).  What was your mode of transport to and from the hospital?  Ambulance  Public transportation  Car  Taxi  Other  If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	Please enter a whole number (integer).
Please enter a whole number (integer).  What was your mode of transport to and from the hospital?  Ambulance Public transportation Car Taxi Other  If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	
Please enter a whole number (integer).  What was your mode of transport to and from the hospital?  Ambulance Public transportation Car Taxi Other  If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	
What was your mode of transport to and from the hospital?  Ambulance Public transportation Car Taxi Other  If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	Estimated additional hours? (unpaid)
□ Ambulance □ Public transportation □ Car □ Taxi □ Other  If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	Please enter a whole number (integer).
□ Ambulance □ Public transportation □ Car □ Taxi □ Other  If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	
□ Ambulance □ Public transportation □ Car □ Taxi □ Other  If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	
□ Ambulance □ Public transportation □ Car □ Taxi □ Other  If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	
□ Public transportation □ Car □ Taxi □ Other  If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	What was your mode of transport to and from the hospital?
☐ Car ☐ Taxi ☐ Other  If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	☐ Ambulance
☐ Car ☐ Taxi ☐ Other  If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	☐ Public transportation
If you selected Other, please specify:  Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	
Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	□ Taxi
Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	□ Other
Please estimate how much you spent travelling to and from the hospital. If you are unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	
unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	If you selected Other, please specify:
unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	
unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	
unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	
unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	
unsure, please provide an estimation on petrol/diesel used, parking expenses or bus fare.	Please estimate how much you spent travelling to and from the hospital. If you are
	unsure, please provide an estimation on petrol/diesel used, parking expenses
f	or bus fare.
	E .

What is your birth partner's employment status?

<ul> <li>In paid full-time employment</li> </ul>	
<ul> <li>In paid part-time employment</li> </ul>	
© Self-employed	
© Other	
If you selected Other, please specify:	

Not in paid employment (e.g. looking after children/home; unemployed)

Thinking about the time from when you went home until the time you came back in to hospital, how much do you agree or disagree with the following:

	Strongly agree	Agree	Unsure	Disagree	Strongly disagree
I felt a lot of discomfort	Г	Г	Г	Г	
I was able to cope with the discomfort	Г	Г	Г	Г	
I felt anxious about going home	Г	Г	Г	Г	
While at home I felt anxious being at home rather than in hospital	Г	Г	Г	Г	Г
I was able to relax at home	Г	Г	Г	Г	
I was able to rest at home	Г	Г	Г	Г	
I had good family support at home	Г	Г	Г	Г	Г

I had easy access to information from the hospital	Г	Г	Г	Г	Г
I was worried it might not be safe to be at home		Г	Г	Г	Г
I would have preferred to stay at the hospital		Г	Г	Г	Г
I felt embarrassed by the catheter/gel	Г	Г	Г	Г	

Henry, A., Madan, A., Reid, R. et al. Outpatient Foley catheter versus inpatient prostaglandin E2 gel for induction of labour: a randomised trial. BMC Pregnancy and Childbirth 13, 25 (2013).

#### Thinking about how you felt about your induction of labour overall

# For each of the following statements, please tick the option which shows how you felt about your induction.

	Strongly agree	Agree	Unsure	Disagree	Strongly disagree
I felt anxious about being induced	Г	Г	Г	Г	
I felt in control	Г	Г	Г		Г
I understood what was happening	Г	Г	Г	Г	
I felt relaxed		Г	Г		Г
Everything made sense	Г	Г	Г	Г	
I was given clear information	Г	Г	Г	Г	

I felt comfortable with my choice about my care	Г	Г	Г	Г	Г
I had access to information about the types of induction available	Г	Г	Г	Г	
I had easy access to information about what to do	Г	Г	Г	Г	Г
I found the induction process uncomfortable	Г	Г	Г	Г	Г
I was worried about when my labour would begin	Г	Г	Г	Г	Г
I would choose going home again	Г	Г	Г	Г	
I would recommend going home during induction to other women	Г	Г	Г	Г	

Henry, A., Madan, A., Reid, R. et al. Outpatient Foley catheter versus inpatient prostaglandin E2 gel for induction of labour: a randomised trial. BMC Pregnancy and Childbirth 13, 25 (2013).

#### Thinking about your time in the labour ward or birth centre

Thinking now about the induction of labour from the time you were admitted to the labour ward or birth centre to the time the baby was born, how much do you agree or disagree with the following:

	Strongly agree	Agree	Unsure	Disagree	Strongly disagree
I felt a lot of discomfort	Г	Г	Г	Г	
I was able to cope with the discomfort	Г	Г	Г	Г	Г
I felt tense and anxious	Г	Г	Г	Г	Г
I felt anxious that the induction wouldn't work		Г	Г	Г	Г
I felt that my labour had started	Г	Г	Г	Г	Г

Henry, A., Madan, A., Reid, R. et al. Outpatient Foley catheter versus inpatient prostaglandin E2 gel for induction of labour: a randomised trial. BMC Pregnancy and Childbirth 13, 25 (2013).

Your feelings about your labour and birth overall. Please try to rate each statement on its own. Do not consider the other statements. Mark the position of the statement which relates most closely to your childbirth experience.

	Almost all of the time	A lot but not always	A little more than half the time	About half the time	Slightly less than half the time	Some- times Never or almost never
I felt tense			Г	Г	Г	Г

I felt important					Г	
I felt confident		Г	Г	Г	Г	
I felt in control				Г	Г	
I felt fearful				Г	Г	
I felt relaxed				Г	Г	
I felt good about my behaviour	Г	Г	Г	Г	Г	П
I felt helpless (powerless)	Г	Г	Г	Г	Г	П
I felt like a failure		Г				Г
I felt I was with people who care about me	Г	Г	Г	Г	Г	Г
How many nights did you stay in the hospital or birth centre after your baby was born?						
After going home f and stay over nigh	_	_	=	=		ospital
C Yes						

If yes, how many nights?

How many weeks old is your baby TODAY?	

#### Your health and wellbeing since the birth of your baby

Below are some statements about feelings and thoughts. Please tick the box that best describes your experience of each over the last 2 weeks.

	None of the time	Rarely	Some of the time	Often	All of the time
I've been feeling optimistic about the future	Г	Г		Г	Г
I've been feeling useful	Г	Г	Г	Г	
I've been feeling relaxed	Г	Г	Г	Г	Г
I've been dealing with problems well	Г	Г	Г	Г	Г
I've been thinking clearly	Г	Г	Г	Г	Г
I've been feeling close to other people	Г	Г		Г	Г
I've been able to make up my own mind about things	Г	Г	П	Γ	Γ

The Short Warwick-Edinburgh Mental Well-being Scale (SWEMWBS) © NHS Health Scotland, University of Warwick and University of Edinburgh, 2007, all rights reserved.

There have been many changes in maternity services due to COVID-19. Did your feelings about induction of labour change at all due the COVID-19 pandemic?

Yes
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© No
If yes, please provide details:
If you were offered at home cervical ripening, did your feelings about the choice to go home/stay in hospital after catheter or gel insertion change at all due to COVID-19 pandemic?
<ul><li>Yes</li><li>No</li><li>Not applicable</li></ul>
If yes, please provide details:
Please add any other comments about how your experience of induction or feelings about it were affected, if at all, by the COVID-19 pandemic.

you would like to tell us?	

Thinking back about your induction and birth experiences, is there anything else

The CHOICE study collects de-identified information about the care of all women who had induction of labour in hospitals taking part. We would like your permission to add your survey results to this information. Your information will be used only for research and will not identify you individually.

If you give your permission to add your survey results to this information it will not be shared with the people who looked after you and will in no way affect your current or future treatment or care.

Do you give your permission for CHOICE study researchers to add your survey results to information held about your hospital stay? \* Required

C Yes			
C No			

#### Before you finish

We also hope to speak with a small number of women (and their birth partners) about their experiences of induction of labour and birth.

Completing this survey does not mean you have to take part in an interview. If you are happy for one of the research team to contact you to talk about a possible interview, please enter your contact details below. You do not have to make up your mind about this now. This just gives us permission to call you with more information.

I'm happy for a research team member to call me to about a possible interview. \* Required

○ Yes			
○ No			

My phone number

Please enter a valid phone number.
My email address (if preferred)
I would like you to send me a summary of the final project report. * Required
C Yes C No
Your email address

Women and partners who take part in our interviews will receive a £10 voucher as a thanks for giving the additional time and support to our study.

# Your responses have been submitted.

Thank you for taking part in the qCHOICE Study. We appreciate your participation.

If you have shown interest in taking part in an interview, a member of the qCHOICE Study team will get in touch with you soon to follow-up about this.

# Cervical Ripening at Home or In-Hospital Process Evaluation (qCHOICE) Contact

#### If you have any questions, please email or call us:

Dr Cassandra Yuill Dr Mairi Harkness

E: cassandra.yuill@city.ac.uk E: mairi.harkness@stir.ac.uk

T: 07840872417 T: 01786466119

## **Key for selection options**

#### 5 - How many weeks pregnant were you when you were induced?

#### 9 - What is your age?

23.1.b -

#### 23.2.b -

31.1.b -

#### 31.2.b -

43 - How many nights did you stay in the hospital or birth centre after your was born?	baby
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
10	
44.a - If yes, how many nights?	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
45 - How many weeks old is your baby TODAY?	
1	
2	
3	
4	
5	
6	
1	
7 8	
7 8 9	