



INSTRUCTIONS FOR USE OF THE SCREENING, ENROLMENT AND RANDOMISATION DATABASE

CONTENTS

1.	Logging onto the enrolment and randomisation database2				
2.	Participant Enrolment				
2	.1.	Mother Enrolment			
3.	Infa	nt Enrolment6			
3	.1.	Single Birth6			
3	.2.	Multiple Births			
4.	Infa	nt Randomisation11			
5.	Mot	her's Contact Details			
6.	Rec	ording Additional Mother Enrolment Details14			
6	.1.	Demographic Details14			
6	.2.	Recording Consent Status (Post Randomisation)14			
6	.3.	Uploading written consent form15			
7.	5-W	eek WELLBEING Report			
8.	ente	ering monthly screening			
9.	Sele	ecting Existing Participants			
10.	si	te super user19			

1. LOGGING ONTO THE ENROLMENT AND RANDOMISATION DATABASE

Enter the below link to the FEED1 trial enrolment and randomisation system into your internet browser. Please note, the database is designed to run using Internet Explorer

https://ctu2.nottingham.ac.uk/1704/

You will be navigated to the login screen. Here you should enter the username and password provided to you by the FEED1 trial management team. On your first login you will be prompted to change your password to something of your choice.

Feed-1 trial randomisation system (CTU. 1704), login

User Name:	
Password:	

login Forgot password?

Once you have entered your username and password you will be presented with a research site dropdown list. Here you will be able to select either your own research site or 'Site 99: Dummy Investigator'. You are encouraged to use Site 99 to familiarise yourself with the database and also to train new members of the research team. Please note, your own research site will only be visible after your site has been given the green light for recruitment to commence.

Once you have selected a site you will gain access to the main menu.

2. PARTICIPANT ENROLMENT

2.1. MOTHER ENROLMENT

Select 'Enrol a new mother'. This will bring up the new mother enrolment page where you enter the mother's NHS number. Then press submit to proceed to the enrolment form.

NOTTINGHAM CLINICAL TRIALS UNIT	Log off Change password	FEED1
	Selected - Dummy investigator (Dummy Hospital 99), Mother : not selected	i
Feed-1 trial randor	misation system (CTU. 1704), main menu	
Click on desired function's lin	k	
Select a different site		
User administration		
5 week post EDD infa	nt well being status check	
Monthly Screening En	try - 1 month outstanding	
Select existing mother		

New mother enrolment (NHS number)

Mother's NHS Number	
	(999) (999) (9999)
Re-enter NHS Number	
	submit

On the enrolment page, use the drop down menus to state whether the woman has delivered, the type of consent, date of consent, expected date of delivery, mothers initials, mother's date of birth, whether it is a multiple pregnancy and the number of infants. When this page is complete, click the submit button.

Please note: if 'oral assent' is indicated in this enrolment form, when written informed consent is obtained post randomisation, this must be entered onto the randomisation system. (Please refer to section 6.2 of this guide titled 'RECORDING CONSENT STATUS (POST RANDOMISATION)').

Mother

<u>Please ensure mother's EDD of 30-Oct-2019</u> is correct before proceeding With this EDD, infant(s) need to be born between these dates to be eligible

- 21-Aug-2019 (30 weeks + 0 days) and
- 10-Sep-2019 (32 weeks + 6 days)

Submitted data accepted

Enro	Iment
Ref. No.	99069
NHS Number	451 876 9945
Has the woman delivered ?	yes V
Please specify the type of consent given	written informed consent \checkmark
Date of written consent/oral ascent (dd-mmm-yyyy)	09 V Sep V 2019 V
Expected date of delivery (EDD)? (dd-mmm-yyyy)	30 V Oct V 2019 V
Mothers Initials	P-0
Mother's Date of Birth (dd-mmm-yyyy)	09 V Mar V 1995 V
la this a multiple programov?	no 🗸
is this a multiple pregnancy?	If yes, how many infants:

If details are correct go to the next form to enter the infants eligibility details.

submit next form

3. INFANT ENROLMENT

Once the mother enrolment details have been submitted, the infant enrolment page will need to be completed.

3.1. SINGLE BIRTH

To include the infant in the trial, click 'include in'. This will bring up a form to check the eligibility of the infant.

If you wish to exclude the infant from the trial, click 'exclude'.

Infant enrolment

<u>Please ensure mother's EDD of 30-Oct-2019</u> is correct before proceeding With this EDD, infant(s) need to be born between these dates to be eligible

- 21-Aug-2019 (30 weeks + 0 days) and
- 10-Sep-2019 (32 weeks + 6 days)

Single pregnancy specified on mother enrolment.

- · If this is correct please include/exclude the infant(s) below
- · Otherwise click previous to correct mothers enrolment details

prev form

	Infant		Infant I.D.	Included in trial?	Action
		Infant number 1			include in / or exclude from trial
р	rev form				

If an infant is selected to be included in the trial, this will be shown by a green tick.

Infant (click link to select infant)		Infant I.D.	Included in trial?	Action
	Infant number 1	<mark>99072-1</mark>	\checkmark	exclude from trial

Complete the eligibility form for the infant by clicking on Infant number 1:

Using the drop down arrows, enter the infant's date of birth; time of birth; gestational age in weeks and days at birth; whether the infant has reversed end diastolic flow on Maternal Umbilical Artery Doppler; whether the infant had any IV fluids; whether the infant has a severe congenital anomaly and the infant's sex. Type the infant's birth weight into the box provided. All fields must be entered to submit data for randomisation.

Infant enrolment

1 infant included in the trial.

. If this is correct please enter details for this infant to check eligibility. Please click on the submit button to save the data you have entered.

Otherwise, include/exclude infants(s)

Infant		Infant I.D.	Included in trial?	d in Action
•	Infant number 1	99069-1	×	exclude from trial

prev form

Infant number 1 (first born)				
Infant's date of birth (dd-mmm-yyyy)	[today's date?]			
Infant's time of birth (hh:mm)	hh: 🔽 mm: 🔽			
What was the infant's gestational age in	Weeks:			
weeks and days at birth?	Days: 🔽			
Infant's birth weight (g)				
Does this infant have reversed end diastolic flow on Maternal Doppler?				
Has the infant had any IV fluids?				
Does this infant have a severe congenital anomaly?				
What's the infant's sex?				
Infa	Infant number 1 (first born)			

Please click on the submit button to save the data you have entered.

prev form submit

After you have submitted the eligibility data and the infant is confirmed to be eligible, a live countdown will show the 3-hour eligibility expiry time. The eligible infant must be randomised within 3 hours of birth otherwise they will no longer be eligible.

Infant		Infant I.D.	Included in trial?	Eligibility confirmation	3 hour eligibility expiry
	Infant number 1	<mark>99069-1</mark>	✓	 ✓ 	1h 42m 8s

prev form | randomise

To proceed to the Infant Randomisation page, click randomise.

3.2. MULTIPLE BIRTHS

On the infant enrolment page, the table shows you how many infants have been delivered. Select include or exclude for each infant.

Infant enrolment

<u>Please ensure mother's EDD of 30-Oct-2019</u> is correct before proceeding With this EDD, infant(s) need to be born between these dates to be eligible

- 21-Aug-2019 (30 weeks + 0 days) and
- 10-Sep-2019 (32 weeks + 6 days)

Multiple pregnancy specified on mother enrolment (2 babies).

- · If this is correct please include/exclude the infant(s) below
- · Otherwise click previous to correct mothers enrolment details

prev form

Infant (click link to select infant)		Infant I.D.	Included in trial?	Action
	Infant number 1			include in / or exclude from trial
	Infant number 2			include in / or exclude from trial

prev form

If an infant is selected to be included in the trial, this will be shown by a green tick.

An infant I.D will be assigned to each included infant. Number of infant by birth order is indicated by the number after the initial part of the ID (e.g. 99030-1; 99030-2 etc.).

(clic	Infant k link to select infant)	Infant I.D.	Included in trial?	Action
	Infant number 1	99072-1		exclude from trial
	Infant number 2	99072-2		exclude from trial

Complete the eligibility form for the first born infant by clicking on Infant number 1:

Using the drop down arrows, enter the infant's date of birth; time of birth; gestational age in weeks and days at birth; whether the infant has reversed end diastolic flow on Maternal Umbilical Artery Doppler; whether the infant had any IV fluids; whether the infant has a severe congenital anomaly and the infant's sex. Type the infant's birth weight into the box provided. All fields must be entered to submit data for randomisation. To save the data, click submit at the bottom of the form.

Infant number 1 (first born)		
Infant's date of birth (dd-mmm-yyyy)	[today's date?]	
Infant's time of birth (hh:mm)	hh: 🔽 mm: 🔽	
What was the infant's gestational age in	Weeks:	
weeks and days at birth?	Days:	
Infant's birth weight (g)		
Does this infant have reversed end diastolic flow on Maternal Umbilical Doppler?		
Has the infant had any IV fluids?		
Does this infant have a severe congenital anomaly?		
What's the infant's sex?		
Infant number 1 (first born)		

Please click on the submit button to save the data you have entered.

Then click the link for infant number 2 to open the eligibility form. Complete and submit forms for all other infants included in the trial.

After you have submitted the eligibility data, a live countdown will show the 3-hour eligibility expiry time for the infants that are confirmed to be eligible. The eligible infant(s) must be randomised within 3 hours of birth otherwise they will no longer be eligible.

(click li	Infant nk to select infant)	Infant I.D.	Included in trial?	Eligibility confirmation	3 hour eligibility expiry
	Infant number 1	99072-1	✓	 ✓ 	1h 47m 35s
	Infant number 2	99072-2	~	 Image: A start of the start of	2h 47m 35s

When eligibility information has been entered for both infants, click randomise to proceed to the randomisation page.

If one or more infant(s) are ineligible to be included in the trial, this will be shown by a red \times cross. When you click randomise, only the eligible infant(s) will proceed to the infant randomisation page.

l	Infant enrolment				
	1 infant(s) confirmed as	eligible. 1 in	fant(s) confirme	d as ineligible.	
,	If this is correct please click [2]	domise to procee	d to randomisation.		
,	Otherwise edit infant details to c	heck eligibility			
	Infant (click link to select infant)	Infant I.D.	Included in trial?	Eligibility confirmation	3 hour eligibility expiry
	Infant number 1	99070-1	✓	✓	1h 13m 55s
	Infant number 2	<mark>99070-2</mark>	✓	×	n/a
r	orev form I randomise				

4. INFANT RANDOMISATION

All that you are required to do here is to check the information that is presented to you. There are two checkboxes, one to confirm that the information presented is correct and another to confirm once again that the participant(s) meet the eligibility criteria for the trial. If you are happy that the answer to both of these questions is 'Yes', then tick both boxes and click on

INFANT RANDOMISATION

Mother		
Ref no.	99072	
Initials	A-D	
Date of Birth	10-Jul-1992	
NHS No.	995 321 4484	
Expected Date of Delivery	30-Oct-2019	
Multiple pregnancy?	yes (2 babies)	

2 eligible infants: Reversed end Gestation diastolic flow Severe 3 hour Infant Birth Had any IV I.D. Weight (g) congenital Sex eligibility on ade Number date/time fluids at birth Maternal anomaly expiry Doppler 1h 43m 09-Sep-700(<10th 1 99072-1 32 wks 5 days male no no no 2019 14:00 centile) 5s 09-Sep-700(<10th 2h 43m 2 99072-2 32 wks 5 days no no no female 2019 15:00 centile) **5**s

Please check each box to declare each statement as correct :

1. $\hfill\square$ the above information is correct

2. \Box the infant(s) meet the trial entry criteria (as per protocol)

Then click the button if you wish to randomise the patient on the Feed-1 trial prev form Randomise

Please note: in emergency situations, an extra 30 minutes is available. You will need to have reached the infant randomisation page as above. The extra 30 minutes allows you to check the eligibility criteria. The extra time is not included in the countdown.

Once you have clicked 'randomise', you will be presented with the 'randomisation completed' screen. This will show the treatment allocation for the infant(s). You can print this page if required by clicking Printthis page at the bottom of the page.

INFANT RANDOMISATION

Randomisation comple	ted - email confirmation	sent
Mot	ther	
Ref no.	99072	
Initials	A-D	
Date of Birth	10-Jul-1992	
NHS No.	995 321 4484	
Expected Date of Delivery	30-Oct-2019	
Multiple pregnancy?	yes (2 babies)	

2 randomised infants:								
Randomisa	ation No.		R20057					
Treatment	allocation		Full milk feeding from day one					
Date of Randomisation		09-Sep-2019 15:23:18						
Randomisa	ation by		Emily Wallbanks					
Infant Number	I.D.	Birth date/time	Gestation age at birth	Weight (g)	Reversed end diastolic flow on Maternal Doppler	Had any IV fluids	Severe congenital anomaly	Sex
1	99072-1	09-Sep-2019 14:00	32 wks 5 days	700(<10th centile)	no	no	no	male
2	99072-2	09-Sep-2019 15:00	32 wks 5 days	700(<10th centile)	no	no	no	female

re-send email confirmation

prev form Print this page next form

You will receive a confirmation email as reassurance that the randomisation was successful.

Click 'next form' to go to the Mother's Contact

Print this page Details page.

5. MOTHER'S CONTACT DETAILS

The mother's contact details must be entered after infant randomisation. Here you should enter as much of the data as possible regarding the mother's contact details. Please note that fields marked with an orange box are mandatory.

b - mandatory contact fields denoted like this	
(999 999 9999)	
Mother's first name	*
Mother's last name	*
Primary contact details	
Address	<pre>* property name or number road name town city county * post code</pre>
Mobile phone number	or tick 🗌 if no mobile
Confirm mobile phone	
Home phone number	or tick 🗆 if no home phone
Email address	
Confirm email	
Questionnaire Type	
Has the participant withdrawn from further communication? (CTU only)	
Secondary contact details We need a secondary contact address (su ensure that we can maintain contact with fa	ich as grandparent or any other family/friend where the mother is happy to receive correspondence) i milies for long-term follow-up.
Was the woman able/willing to provide se condary contact information in order to aid ongoing contact?	
Address	property name or number road name town city ounty

Please enter whether the mother would like to complete the 6-week questionnaire via post or online using the drop down menu.

Click submit to save the data.

6. RECORDING ADDITIONAL MOTHER ENROLMENT DETAILS

6.1. DEMOGRAPHIC DETAILS

To enter additional demographic details, this must be done after randomisation. Click main menu at the top of the page and select 'Edit mother enrolment details'. Complete the section titled 'Demographics'. Using the drop down menus, state whether the mother received antenatal corticosteroids and magnesium sulphate and provide the mother's ethnicity.

When the Demographics form is completed, click submit.

Please note: if mother has initially provided oral assent, consent status form (section below) must be completed to submit the demographic details.

Demographics			
Did the Mother receive antenatal corticosteroids?			
Did the Mother receive Magnesium Sulphate?			
Ethnicity	If other, please specify		

If details are correct go to the next form to enter the infants eligibility details.

submit nextform

6.2. RECORDING CONSENT STATUS (POST RANDOMISATION)

If it is indicated that the mother has provided oral assent on enrolment, when written informed consent is given at a later time or date, this must be entered on the randomisation system.

Click main menu at the top of the page and select 'Edit mother enrolment details'. Complete section titled 'Consent Status (Post Randomisation)'. Use the drop down menus to select whether written informed consent has been obtained and provide the date of consent.

When the Consent Status form is complete, click submit. Please note: the Demographics section must also be completed in order to submit data.

Consent Status (Post Randomisation)			
Has written informed consent been obtained?			
Date of written consent (dd-mmm-yyyy)	[today's date?]		

If details are correct go to the next form to enter the infants eligibility details.

submit next form

6.3. UPLOADING WRITTEN CONSENT FORM

Once written consent has been obtained, this must be entered onto the randomisation system.

To do so, click on 'edit mother enrolment details' in the main menu.

Mother

Please upload consent form

Please complete outstanding Demographic details

Enrolment			
Ref. No.	99067		
NHS Number	945 577 1454		
Has the woman delivered ?	yes		
Please specify the type of consent given	written informed consent		
Date of written consent/oral ascent (dd-mmm-yyyy)	05-Sep-2019		
Consent form	 voltestanding upload consent form 		

Click on 'upload consent form'.

Upload consent forms

Warning: consent form is outstanding.

Consent form Xoutstanding	
Enter file name of scanned consent form including path and click upload:	
	Browse
	upload

Then click browse to select the document from the computer. Click upload to save the consent form.

	✓ uploaded 16-Sep-2019 16:07:23		
Consent form	download existing form	Discard	

When the consent form is successfully uploaded, this will be shown by a green tick. To discard the current form, click discard. Complete the demographics section at the bottom of the page and when complete, click submit to save the data.

7. 5-WEEK WELLBEING REPORT

NCTU will be sending out follow-up questionnaires (by email or post) once infants reach 6 weeks corrected age. It is crucial that NCTU are aware of the wellbeing of infants to ensure that appropriate questions are included in the questionnaire and that accompanying letters include added sensitivities where necessary. Once an infant has reached 5 weeks corrected gestational age (i.e. term gestation + 5 weeks), the 5-week infant status report will need to be completed.

To access this report, click '5 week post EDD infant well being status check' on the Main Menu.

Feed-1 - 5 week post EDD infant well being status check

Nb * Status cann	ot be alter	ed once 6 wee	k questionn	aire has be	en sent o	out					
		Mother						Infant	Infant Check		
Site	Ref No	Inits/DOB	ËDD	EDD +5 wks	Infant Ref.	Included in trial	Macro Discharge Date	Macro Death Date	Status *	Date	Checked by
Editing infant	t 99001-	1							ТВС		
					99001- 1	yes	16-AUG- 2019		living died	17-Oct-2019 10:13	Chris Rumsey
lessage fror	n web	page want to s	et stati	is of 90	9003-1	to	died?	×			
	,			01				1			

1 infant(s) confirmed as living have death log incorrectly completed in Macro - click here for Macro login

To confirm the status of the infant(s), click 'TBC' on the status column and use the drop down menu to select whether the infant is living or dead. Then press OK in the message from webpage to save the status.

If there are multiple births, confirm the status of all infants born to a particular mother (this includes infants who were not randomised).

If for any reason you are unable to complete the well-being report please notify the trial management team by email.

8. ENTERING MONTHLY SCREENING

Each month, complete the monthly screening form. Enter the values into the boxes. If there is nothing to report, enter zero 'o' into the boxes. To save the data, press submit at the bottom of the page.

Monthly screening (version 3)

Please enter a value for all fields (enter zero if there is nothing to report)

JAN-2022							
Total number of infants born within gestation							
Number of infants whose mother was consented (antenatally or postnatally) (please only record the consents for babies that have been born this month)							
Reasons for non-consent - please state the MAIN reason using codes A to L below:							
 for multiple births please record a reason for each infant, even if this reason was the same for each 							
 if a mother was approached antenatally and did not consent, please check the medical records to ascertain the reason 							
A) Mother not approached because of lack of appropriate staff							
B) Mother not approached as missed by research staff							
C) Mother not approached because infant considered unsuitable for FEED-1 (clinical team not in equipoise)							
D) Infant >3h old at time of possible approach							
E) Infant not eligible: known congenital abnormality of the gastrointestinal tract or other congenital condition(s) that make enteral feeding unsafe							
F) Infant not eligible: small for gestational age AND evidence of reversed end-diastolic flow							
G) Infant not eligible: mother participated in trial previously							
H) Infant not eligible: mother younger than 14 years or 14-16 years old and not able to provide informed consent							
I) Mother approached but refused to participate							
J) Mother is participating in another trial and co-enrolment is unsuitable							
K) Mother unable to give consent							
L) Other							
(please state)							
	/						

Please click on the submit button to save the data you have entered.

submit

9. SELECTING EXISTING PARTICIPANTS

When you log into the randomisation database, in the main menu, click 'select existing mother'.

If you already have a participant selected and want to open a different participant, in the main menu, click 'select a different existing mother'

Then, to select the required participant, click on the correct Ref.No. You can also filter the participants by Ref.No, Initials, DOB, NHS Number, Number of Infants, whether they have been randomised and current gestation age.

Existing mother selection

Ref. No.	Initials	DOB dd-mmm-yyyy	NHS Number	Number of infants	Randomised?	Current gestation age	Action
				~	~	~	filter
99074	P-0	10-Apr-1992	898 471 5875	1	no	33 wks, 0 days	select

Please note: If a mother is returning to you, with a second pregnancy, and has NOT previously been randomised, you can use the same Ref.No. as previously. You will need to reconsent, amend the date of consent, and upload the new consent form.

10. SITE SUPER USER

Selected site members will be granted 'site super' access to the RANDO system. This will enable them to grant RANDO and MACRO system access to other members of the team at their site so that they can become a site user.

Feed-1 trial randomisation system (CTU. 1704), main menu

To do so, select 'User administration' in the main menu. Then select 'add new user profile'.

Enter new randomisation user profile

User Id:	
Full name:	
Email address:	
User type:	

submit

Create a User Id using first initial and surname, with no gap in between, e.g.'jsmith'. Enter the full name and email address and select 'site' in the user type drop down menu.

Click submit. This will take you to the Edit user randomisation profile page. To grant randomisation system access to an individual at your site, select your site on the Trial PI site drop down and click 'grant'. Access can be granted to site 99 (Dummy Hospital) to allow the user to become familiar with using the system.

Reset / email user's password		
reset		
Grant/revoke user study access:		
Trial PI site	PI	Action
Site 99 : Dummy investigator (Dummy Hospital 99) - Active		grant

To receive the new user log in details, click 'reset'. This will send an email to the super user's email address, and the login details should be forwarded to the appropriate user.