



How to collect rectal samples

Thank you for agreeing to take part in the optional rectal swab sub study. We are trying to find out if the bacteria which caused your UTI are the same as those found in your back passage (rectum). We'll give you three sample kits and labels to take home. A fourth kit will be sent to you later for the final sample.

CONTENTS OF THE PACK:

- 3 x UN3373 padded envelopes containing all the materials needed to collect and send the rectal samples for the first 3 timepoints
- This sample instruction leaflet

Each UN3373 padded envelope contains:

- a) 1 Fecal swab
- b) 1 Leak-proof container
- c) 1 DURATION UTI Sample label for the timepoint (as below)
- d) 1 FREEPOST sample tracking card

WHEN TO TAKE SAMPLES: Please take a rectal swab at the following timepoints:

1. **Sample 1** is the **Baseline** sample which you take on the main Duration study start day. Be sure to collect the sample *before* starting your antibiotics. The swab sample can be taken immediately after the baseline urine sample and sent together. **If you are in hospital** and have already started taking antibiotics, take the first sample as soon as you can. Stick the **“BASELINE RECTAL SAMPLE”** label onto the sample tube.

You will receive text or email reminders when the following samples are due.

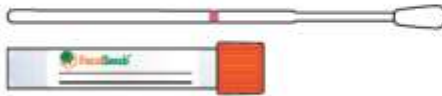
2. **Sample 2** is taken **two days after completing your antibiotic course**. Use the **“2 DAYS POST TX RECTAL SAMPLE”** label. The rectal swab sample is collected on the same day as the 2 days post antibiotics urine sample.
3. **Sample 3** is taken **42 days (six weeks) after you started the study**. Use the **“DAY 42 RECTAL SAMPLE”** label.
4. **Sample 4** is taken **six months after you started the study**. Use the sample label **“6 MONTH RECTAL SAMPLE”**

HOW TO COLLECT RECTAL SAMPLES: The pictures and text on the next page explain how to take a swab sample. Please read through the leaflet and study the pictures before taking your first sample.

Your Duration ID number is already written on the tube. Add the date you provide the sample. Stick the appropriate sample label on the tube taking care not to cover up your ID number or the date.



FECALSWAB™: HOW TO USE FOR RECTAL SAMPLE COLLECTION



Each FecalSwab™ kit consists of a sterile peel pouch containing a regular Nylon FLOGSwab™ and a screw cap tube containing 2mL of Cary-Blair medium.



Open the peel pouch



Remove the swab. Do not touch the swab tip. Always hold the shaft applicator above the marked breakpoint.



Insert the flocked swab through the rectal sphincter 1-1.5 inches (2-3 cm) and gently rotate.



Remove and examine to make sure there is fecal material visible on the tip of the swab.



Transfer the swab into the FecalSwab™ tube and check that the maximum filling line ("MAX. FILL") on the label is not exceeded.

NOTE: If sample collected exceeds maximum fill line discard the swab and the tube and collect a new specimen using a different FecalSwab™.



Holding the swab shaft between thumb and finger, mash and mix the stool specimen against the side of the tube to evenly disperse and suspend the specimen in the medium.



Hold the tube away from your face. Holding the end of the swab shaft, place the marked breaking point against the rim of the tube and bend it at a 180 degree angle to break at the marked breakpoint. If needed, gently twist the shaft between thumb and forefinger to completely remove it. Discard the broken upper part of the swab shaft and tighten the cap.



Shake the vial until the sample appears homogeneous.



Your **DURATION UTI** participant ID will have been written on label on the tube for you. Please add the date that you provided the sample.





The correct timing of the samples is particularly important for the first two samples “**BASELINE RECTAL SAMPLE**” and the “**2 DAYS POST TX RECTAL SAMPLE**”. Because it can be difficult to poo to a schedule, taking a rectal swab means the sample can be taken reliably at these times and gives equally accurate information.

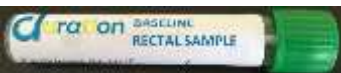



If taking a rectal swab is difficult then a second option is to use the swab kit provided to sample a bit of poo you do in your toilet – making sure this **is taken as close as possible to the study sampling timepoints**. To do this, please follow these instructions:

If taking a rectal swab is difficult, you can use the swab kit to sample a bit of poo following the instructions below carefully. Be sure to do this as close as possible to the study sampling timepoints.

1. Pee before collecting your poo sample so there's no pee mixed with the poo.
2. Put a clean disposable container in the toilet to catch the poo, or spread newspaper or cling film (plastic wrap) over the toilet rim.
3. Do a poo. Make sure it doesn't touch the inside of the toilet or the water.
4. Rub the swab against the poo until you can see some of the poo captured on the swab. Transfer the swab to the sample tube then follow the bottom four pictured instructions on the previous page.
5. Flush the rest of the poo down the toilet. Put everything you've used to collect the poo in a plastic bag, tie it up and put it in the bin.
6. Wash your hands with soap and warm running water.

HOW TO SEND RECTAL SAMPLES:

-  Check your DURATION UTI Participant ID and the date of collection is visible on the sample tube.
-  Place the tube into the leak-proof container provided with the kit and then put it into the FREEPOST envelope provided, and seal.

<p>1. FecalSwab</p> 	<p>2. Place into leak-proof container</p> 
<p>3. Close leak-proof container</p> 	<p>4. Place into FREEPOST envelope.</p> 

-  Put the container into the FREEPOST envelope and seal..
-  Using any Royal Mail box, post the sample **on the collection day**.
-  Complete the FREEPOST tracking card with the date of collection and sample identification e.g. baseline, 2 days post Tx etc to match the label on the sample tube. Post the FREEPOST sample tracking card separately but at the same time as the FREEPOST envelope containing the rectal sample.

For help, advice or replacement kits

Contact insert duration@bsms.ac.uk for Secondary Care Participants> or insert duration@phc.ox.ac.uk for Primary Care Participants>.