

Endoscopy Unit

FLEXIBLE SIGMOIDOSCOPY (with Moviprep)

THIS PROCEDURE REQUIRES YOU TO MAKE DIETARY CHANGES, TAKE LAXATIVES, FAST AND STOP SOME MEDICATIONS UP TO 7 DAYS BEFORE YOUR PROCEDURE.

This document contains essential information about your upcoming investigation and should be read IMMEDIATELY.

Please contact the nurse helpline if you:

- **May be pregnant**
- **Have a pacemaker**
- **Have an implantable cardiac defibrillator**
- **Take Warfarin, Rivaroxaban, Apixaban, Edoxaban or Dabigatran**
- **Have a stoma**

Endoscopy Nurses: 020 8934 6614 (2 P.M. – 4 P.M. ONLY)

**Endoscopy Bookings Team (To Reschedule or Cancel Appointments):
020 8934 2099 option 2 (9AM – 5PM ONLY)**

We strongly advise to read carefully this information leaflet BEFORE calling the advice line. The answers to your questions may already be contained here.

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Kingston Hospital NHS Foundation Trust

FLEXIBLE SIGMOIDOSCOPY

Please read this information carefully, including the enclosed information for pain relief and bowel preparation for the test.

We will be happy to answer any questions when you come for your appointment, if you wish to discuss any aspect of your clinical care in private then please ask.

We always endeavour to see you close to your appointment time to minimise any delays. However, this may not always be possible. We will keep you informed of any significant delays. **Please allow up to 3 hours in total for your visit.**

The procedure will be performed by or under the supervision of a Consultant/Nurse Endoscopist.

WHAT IS FLEXIBLE SIGMOIDOSCOPY?

It is a procedure to look at the inside of the left, lower part of your colon (large bowel) using a flexible telescope. (See Figure 1) It is useful for diagnosing a range of gastrointestinal conditions.

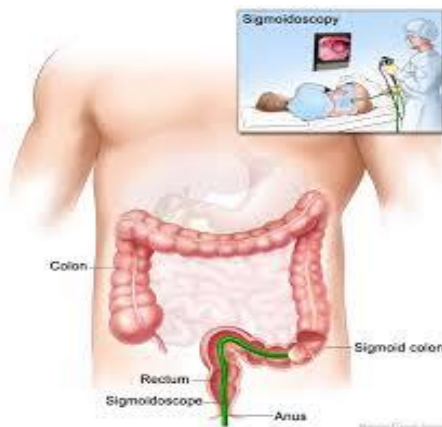


Figure 1

ALTERNATIVE INVESTIGATIONS

It is possible using radiology e.g., barium studies or CT scans, however these can be less sensitive and have the disadvantage that biopsies cannot be taken for further investigation. If an abnormality is found using radiology investigations a subsequent investigation with flexible sigmoidoscopy or colonoscopy may be required.

RISKS

This procedure is generally safe; however, there are some risks with this test. These include:

- The sigmoidoscope may cause damage known as a perforation (a tear/hole in the lining of the gullet/stomach/duodenum or colon). The risk of this is approximately 1:5000 procedures for flexible sigmoidoscopy. This is a serious complication and typically requires an operation to repair, and may involve forming a stoma (your bowel opening onto your skin)
- The risk of perforation is 1:500 when a polyp is removed.
- Bleeding may occur following a polyp removal. Occasionally this can be excessive and require further endoscopy, surgery, and or transfusion 1:100 for large polyps 1cm and bigger.
- There is a 10% risk that a polyp or other abnormality may be missed.
- Occasionally it is not possible to complete the examination.

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PATIENT INFORMATION LEAFLET

PREPARING FOR YOUR FLEXIBLE SIGMOIDOSCOPY

IT IS IMPORTANT TO FOLLOW INSTRUCTIONS CAREFULLY WHEN PREPARING FOR YOUR PROCEDURE.

- **STOP ORAL Iron (Ferrous) tablets 7 days BEFORE** your procedure.
- **STOP stool bulking (e.g., Fybogel) or anti diarrhoea (e.g., Codeine, Imodium) medication 7 days BEFORE** your procedure.

Warfarin

- If you take **WARFARIN**, this may need to be stopped before your procedure. You will be referred to the anti-coagulation clinic at Kingston Hospital, if required. They will make the necessary arrangements for you. If you have not heard from them 7 days before your Flexible Sigmoidoscopy is due, please contact them on **020 8934 2030/ 2041/ 3689 / 2321 option 5**.
- Please note that interrupting your anticoagulation therapy may carry a slightly increased risk of a clot forming. (You can discuss with the anticoagulation nurse on **020 8934 3576**). **DO NOT STOP WARFARIN WITHOUT MEDICAL ADVICE.**
- If you take Warfarin, we will check your **INR** with a finger prick test before your procedure.
- If you take any OTHER blood thinning medication such as Rivaroxaban, Apixaban, Edoxaban or Dabigatran, please contact the endoscopy unit 020 8934 6614, **IF** you have not been given advice regarding this. It is very important that you **do not stop these medications without medical advice.**

Diabetes

- If you have diabetes, it may be necessary to adjust your treatment whilst preparing for this test. Please discuss this with your GP or Diabetes Nurse specialist at least 3 days before your test. **Please see separate sheet for Diabetes leaflet.**
- If you take **Insulin**, you should have an early morning appointment, **IF NOT SO**, please contact the booking team to re-schedule. Adjust your Insulin dosage accordingly before your procedure. **Please see separate sheet for Diabetes leaflet.**

Prescribed Medication

- In order to ensure that your medicines are absorbed, take them at least 2 hours before, or 2 hours after taking the laxatives.
- On the morning of the test, please take your regular medications with a sip of water unless advised not to. **Otherwise, please refer to the next page if you are taking any of the medications listed and relevant actions to be taken.**
- **BRING A LIST OF YOUR CURRENT MEDICATIONS.** If you use asthma inhalers or angina sprays, it is important to bring these with you.

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Please check below carefully for any medicines which you are taking and follow the relevant advice.
Please contact the nurse line **020 8934 6614** if you have been advised by your GP or specialist not to stop any of these drugs:

MEDICATIONS	ACTIONS
<p><u>ACE inhibitors</u></p> <ul style="list-style-type: none"> ✓ Captopril, Cilazapril, Enalapril, Fosinopril, ✓ Imidapril, Lisinopril, Moexipril, Perindopril, ✓ Quinapril, Ramipril, Trandolapril 	<ul style="list-style-type: none"> • DO NOT TAKE on the day you start your laxatives i.e. the day before your procedure. • DO NOT TAKE until 72 hrs AFTER the procedure. • DO NOT STOP if you have severe heart failure. Contact the nurse advice line. Contact your GP/ Referring doctor for advise.
<p><u>Angiotensin II Receptor Blockers</u></p> <ul style="list-style-type: none"> ✓ Azilsartan, Candesartan, Eprosartan ✓ Irbesartan, Losartan, Telmisartan, Valsartan 	<ul style="list-style-type: none"> • DO NOT TAKE on the day you start your laxatives i.e. the day before your procedure. • DO NOT TAKE until 72 hrs AFTER the procedure. • DO NOT STOP if you have severe heart failure. Contact the nurse advice line. Contact your GP/ Referring doctor for advise.
<p><u>NSAID's</u></p> <ul style="list-style-type: none"> ✓ Ibuprofen, Naproxen, Diclofenac, ✓ Indomethacin, Mefenamic acid, Ketoprofen, ✓ Fenoprofen, Piroxicam, Tolfenamic acid ✓ Celecoxib, Sulindac 	<ul style="list-style-type: none"> • DO NOT TAKE on the day you start your laxatives i.e. the day before your procedure. • DO NOT TAKE until 72 hrs AFTER the procedure.
<p><u>Anti-coagulants/Anti-platelets</u></p> <ul style="list-style-type: none"> ✓ Clopidogrel, Dabigatran, Rivaroxaban ✓ Apixaban, Edoxaban, Clopidogrel, Ticagrelor ✓ Prasugrel 	<ul style="list-style-type: none"> • Continue to take these medications. UNLESS: • You are having this procedure to remove known polyps, contact the nurse advice line on 020 8934 6614. • Do not stop without medical advice.
<p>Warfarin</p>	<ul style="list-style-type: none"> • You will be referred to the anticoagulation clinic who will contact you. Please call: 020 8934 3576, 020 8934 2030/ 2041/ 3689 / 2321 option 5. • Do not stop without medical advice.
<p>Oral Contraceptive Pill</p>	<ul style="list-style-type: none"> • Do not stop the medication, but take additional precautions until your next cycle, as the pill may be less effective.
<p>Epilepsy / Anticonvulsant medication</p>	<ul style="list-style-type: none"> • Do not stop the medication, but please be aware there may be a reduced effect from your medication and therefore a higher risk of an epileptic seizure.
<p><u>DIURETICS (Water Tablets)</u></p> <ul style="list-style-type: none"> ✓ Bendroflumethiazide, Chlorothiazide (Diuril) ✓ Chlorthalidone, Hydrochlorothiazide (Microzide) ✓ Indapamide, Metolazone, Bumetanide (Bumex) ✓ Ethacrynic acid (Edecrin), Furosemide (Lasix) ✓ Torsemide (Demadex), Amiloride ✓ Eplerenone (Inspra), Spironolactone (Aldactone), ✓ Triamterene (Dyrenium) 	<ul style="list-style-type: none"> • Do not take on the day you start your bowel preparation i.e. the day before your procedure. • DO NOT STOP if you have severe heart failure. Contact the nurse advice line. Contact your GP/ Referring doctor for advise or Contact your Cardiologist for further advise.

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BOWEL PREPARATION

If there has been a delay between you seeing the doctor and taking this bowel prep, contact the unit. If there have been any significant changes in your health, particularly deterioration in your kidney, heart, or lung function, contact the unit.

YOUR LARGE BOWEL MUST BE EMPTY FOR THE PROCEDURE.

The Moviprep (a very strong laxative) will cause multiple bowel movements and eventually diarrhoea at any time after starting the laxatives.

Remain within easy reach of a toilet, you may find the urge to open your bowels can be sudden, resulting in little time to reach a toilet. Moviprep may give you nausea, stomach cramps and bloating.

Very rarely, the patient may experience a severe reaction to this preparation, if you feel significantly unwell or collapse/fainting, please contact your GP or go to A&E. Take this information sheet with you.

3 DAYS BEFORE YOUR PROCEDURE

You should increase your fluid intake up to 200 ml (one large cup) per hour and commence a **LOW FIBRE DIET**.

DIET you should reduce the amount of fibre you eat in the days before your colonoscopy. Please follow the dietary advice below.

✓ FOODS TO CHOOSE FOR 3 DAYS BEFORE YOUR PROCEDURE	✗ FOODS TO AVOID FOR 3 DAYS BEFORE YOUR PROCEDURE
<ul style="list-style-type: none"> ✓ Tender meat, white fish ✓ Eggs, Tofu, cheese, milk, cream, ✓ butter/spread, ice cream 	<ul style="list-style-type: none"> Nuts including coconut, and seeds Nut roast
<ul style="list-style-type: none"> ✓ Smooth yogurts (no bits) 	<ul style="list-style-type: none"> Jams, pickles, chutneys, digestive biscuits, or biscuits containing bran
<ul style="list-style-type: none"> ✓ Potatoes (peeled) – boiled, mashed ✓ Cauliflower florets, marrow flesh, parsnips (peeled), courgettes (peeled), cucumber (peeled) and radish. ✓ Grapefruit (avoid pith), lychees, pears, apples and bananas (all fruit must be peeled) 	<ul style="list-style-type: none"> Jacket potatoes All fruit and vegetables not mentioned on the 'foods allowed list' Fruit juice with 'bits'
<ul style="list-style-type: none"> ✓ Rice Krispies, White bread ✓ Marmalade (no shred), honey, white pasta 	<ul style="list-style-type: none"> All breakfast cereals except Rice Krispies Oatcakes Ryvita and all crispbreads
<ul style="list-style-type: none"> ✓ White rice, Yorkshire puddings, plain biscuits, cream crackers, plain madeira cake, ice lollies, crisps, marmite, plain/milk chocolate (no nuts/fruits), clear pureed soups. ✓ A small amount of alcohol. 	<ul style="list-style-type: none"> Avoid all bread except for white bread Oatmeal, oat bran, and oat germ Rye flour Bran Beans and pulses

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**THIS IS VERY IMPORTANT: DO NOT EAT ANY SOLID FOOD 2 HOURS BEFORE you start your laxatives until after the procedure!
ONLY PLENTY OF FLUIDS/DRINKS ARE ALLOWED.**

WHEN TO TAKE YOUR LAXATIVES:

Please refer to your appointment time as to when to take the laxatives.

IF MORNING APPOINTMENT: (08:00 – 12:45)	
THE DAY BEFORE OF YOUR TEST:	
<u>At 3PM:</u>	<ul style="list-style-type: none"> Empty one (1) packet labelled A and one (1) packet labelled B into a jug containing one (1) litre (1 ¾ pints) of cold water and stir until dissolved. Drink one (1) glass every 15 minutes until the jug is empty. You may add ice cubes/squash if you wish.
<u>At 7PM:</u>	<ul style="list-style-type: none"> Take a second (2nd) dose of laxatives as above. During the evening, drink at least one (1) additional litre of clear fluids, include fruit juice and salted drinks – DO NOT DRINK JUST WATER
IF AFTERNOON APPOINTMENT: (13:00-17:30)	
THE DAY BEFORE OF YOUR TEST:	
<u>At 7PM:</u>	<ul style="list-style-type: none"> Empty one (1) packet labelled A and one (1) packet labelled B into a jug containing one (1) litre (1 ¾ pints) of cold water and stir until dissolved. Drink one (1) glass every 15 minutes until the jug is empty. You may add ice cubes/squash if you wish. During the evening, drink at least one (1) additional litre of clear fluids, include fruit juice and salted drinks – DO NOT DRINK JUST WATER
ON THE DAY OF YOUR TEST:	
<u>At 7AM:</u>	<ul style="list-style-type: none"> Take a second (2nd) dose of laxatives as above.

B. Ensure you have a supply of the drinks you will need before starting your laxatives.

✓ CHOOSE:	✗ AVOID:
Sugary drinks to maintain a source of energy and savoury drinks to replenish the salt levels, otherwise you may find yourself feeling weak or dizzy and you may possibly faint.	
<ul style="list-style-type: none"> ✓ Squashes, Fizzy drinks, Apple juice ✓ Orange juice, Black tea or coffee (sugar is allowed) ✓ Oxo/Bovril/Marmite, Horlicks – made with water ✓ Ovaltine – made with water ✓ Hot chocolate- made with water ✓ Consommé, Water ✓ Lemon or lime Jelly, Sorbet – no fruit bits 	<ul style="list-style-type: none"> • Milk/milkshakes • Smoothies • Red coloured drinks • Fruit juice contain 'bits' • Alcohol • Soups • Ice cream

C. Then, stop all fluids apart from water 4 hours before your appointment.

D. You may SIP WATER ONLY up to 2 hours before your appointment.

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FASTING PREPARATION

GENERAL RULE BEFORE YOUR FLEXIBLE SIGMOIDOSCOPY APPOINTMENT TIME:

Four (4) Hours before: Stop all fluids, only a Glass of water is allowed.

Two (2) Hours before: Only tiny sips of water are allowed.

YOU MUST NOT HAVE ANYTHING BY MOUTH BEYOND 2 HOURS BEFORE YOUR APPOINTMENT TIME!

On arrival at the hospital

- Your details, blood pressure and pulse will be checked by your nurse.
- You will be asked to remove jewellery, spectacles, contact lenses or dentures just before the investigation - **ideally leave jewellery and valuables at home.**
- You will change into a hospital gown and offered dignity shorts to wear.
- The rectum and lower bowel must be empty for the procedure to be complete and accurate. Your doctor has requested that you take full bowel preparation for this test.
- The Endoscopist will see you before your investigation to discuss and sign the legal consent form.

During the procedure

- Your blood pressure, heart rate and oxygen levels are monitored.
- You will lay on your left side for the procedure.
- The Endoscopist will examine your rectum using their finger and then insert the lubricated flexible sigmoidoscope into your back passage and pass it around the lower bowel.
- There are some bends in the bowel and passing the scope through these may be uncomfortable and cause some pain for a short period of time.
- Air passed into the bowel may cause bloating, abdominal cramping, and pressure.
- Passing some wind is normal. Do not feel embarrassed as the staff will expect this to happen.
- A sensation of needing to go to the toilet is normal even when the bowel is empty. Remaining fluid in the bowel will be removed by the flexible sigmoidoscope.
- Biopsies (painless, small samples of tissue) may be taken for the laboratory for further tests.
- Photographs are taken and kept on your hospital records.
- Polyps (projections of tissue, a bit like warts) may be removed if found.

Will I need pain relief?

Most patients undergo this procedure without any medications.

Occasionally patients may find the procedure painful and in this instance, we can give **Entonox** often called 'gas and air' to help minimise discomfort and pain.

Entonox or an Intravenous Sedation. A nurse is with you during the procedure. If you find the discomfort/pain unmanageable, the nurse can help you discuss this with the Endoscopist.

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Following Entonox:

- You will be allowed to go home within 30-60 minutes.
- If you are driving home, you will need to wait up to an hour before driving.
- You may prefer to arrange for a friend or relative to escort you home, but it is not essential.

GENERALLY AFTER FLEXIBLE SIGMOIDOSCOPY

- If no Entonox used, you can usually leave the unit within 10-15 minutes of your procedure. You just need to wait for the copy of your report and discharge instructions. A nurse will briefly explain these reports/instructions to you.
- If you have used Entonox, you will need to rest on the ward/recovery area for 30-60 minutes.
- Crampy wind pains/bloating are normal and usually settle quickly, passing wind will help. Moving around and using the toilet will help this to settle.
- A small amount of blood from your back passage if biopsies were taken or a polyp removed is normal.
- You may prefer to arrange for a friend or relative to escort you home, but it is not a requirement.
- A copy of the report will be sent to your GP and your hospital Consultant (if you have one), biopsy results will be sent at a later date. Biopsy results can take up to 6 weeks to be processed.
- Please note: it is not possible for patients to access biopsy results from the hospital/endoscopy unit.

CONSENT

This procedure requires your formal consent. This booklet has been written to enable you to make an informed decision about agreeing to the procedure.

The consent form is a legal document, therefore please read this booklet carefully.

If having read this information you do not wish to go ahead with the procedure, or want to consider alternative methods of investigation, **please discuss this with your GP or hospital doctor** as soon as possible **BEFORE THE DATE OF YOUR APPOINTMENT.**

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Useful Contact Numbers:

Endoscopy Nurses: 020 8934 6614 (2PM – 4PM ONLY)

Call for questions relating to your procedure/medication/preparation for your test, which is not included in this leaflet and needs to be answered before you attend your appointment.

Make sure you have your hospital number ready before calling together with your full name and date of birth. Have a pen and paper ready too in case you need to write down information.

To reschedule or cancel appointments.

Your appointment is valuable, if you need to reschedule your appointment, please give as much notice as possible, preferably a minimum of 10 days' notice; this allows us to offer this appointment to another patient.

Please note the booking team cannot answer clinical questions relating to your procedure.

Please Call Endoscopy Bookings Team: **020 8934 2099 option 2 (9AM to 5PM)** or Email khn-tr.endoscopy@nhs.net

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