



Northumbria Healthcare
NHS Foundation Trust

Your guide to having a Colonoscopy

Issued by the Endoscopy Team



This leaflet is to inform you about colonoscopy.

Purpose of the treatment/procedure or investigation

The purpose of this examination is to investigate your problem. The result from this will be used to guide your further treatment.

What is a colonoscopy?

A colonoscopy is an examination of the lining of the large bowel (colon) using a flexible tube called a colonoscope. The tube is approximately the thickness of your middle finger and is passed through your back passage into the bowel.

What are the benefits of having a colonoscopy?

Colonoscopy is used to investigate symptoms such as severe abdominal pain, diarrhoea, weight loss and bleeding from the bowel. It is also used in people with a strong family history of cancer of the bowel. The results from this test are then used to guide your future treatment.

Sometimes we take a **biopsy** – a small sample of the bowel lining for examination in the laboratory. A small piece of tissue is removed painlessly through the colonoscope, using tiny forceps. It is also possible to remove **polyps**. A polyp is an abnormal projection of tissue, rather like a wart, which the doctor will want to examine in more detail.

About your pre-assessment visit

You will have attended the Endoscopy Unit for a pre-assessment visit first, where you will have been seen by the pre-assessment nurse, who asked you questions about your health and gave you detailed instructions on how to prepare for the test. Sometimes it may not be necessary to attend pre-assessment, but if you have not had this test before, and have not attended pre-assessment, please contact the Endoscopy Unit.

If you take any of the tablets listed below, the nurse will have asked you to follow these instructions:

Iron Tablets (ferrous sulphate): Stop taking iron tablets **one week** before your test – this is extremely important.

Warfarin, Phenindione, Acenocourmarol, Rivaroxaban, Dabigatran, Apixaban, Clopidogrel/Prasugrel.

All patients on these drugs must follow the instructions given at the pre-assessment visit.

If you are on warfarin/phenindione we will check your INR on the day of the procedure. Please bring your yellow anticoagulation record book when you attend for your procedure.

If after your pre-assessment appointment you are not sure what to do, contact the Endoscopy Unit for advice.

Aspirin and Dipyridamole

If you are on aspirin or dipyridamole you can continue to take these tablets as normal.

If you are taking both aspirin and dipyridamole together then you will need to stop the dipyridamole 48 hours before the procedure.

Tablets for all other conditions such as angina, asthma and epilepsy should be taken as normal. If you are on an oral contraceptive pill, please take your pill as normal.

What if I am receiving treatment for diabetes?

If your diabetes is controlled by diet, then you need take no particular action other than following the information leaflet on bowel preparation given to you at the pre-assessment appointment.

If you take tablets or insulin injections for your diabetes a specific information leaflet with detailed guidance about fasting, diabetes medication and insulin and bowel preparation will be given to you at pre-assessment. The nurse will go through the leaflet which gives details for both a morning and an afternoon appointment.

After the test you can take your normal diabetic treatment and we will give you something to eat. Please bring your tablets or insulin with you to the Endoscopy Unit. If in doubt please telephone the Endoscopy Unit for further advice.

Preparing for your test

To allow a clear view of the inside of your bowel and stomach, it is essential that they are completely empty. At pre-assessment, you will be supplied with a special liquid that you drink which we call the bowel preparation. You will need to restrict what you eat in preparation for the test.

When you are taking the bowel preparation, you will need to stay at home within easy reach of a toilet. The bowel preparation can make you feel a bit sickly and will give you watery diarrhoea. Both of these things are normal. You can drink clear fluids (such as water) **until 2 hours** before your appointment time.

What happens when I come for my test?

You will be met by a member of staff and shown into the waiting area. When your turn comes, a nurse will check through some questions asked at pre-assessment. The doctor or nurse who is doing the test will then talk to you. They will explain what will happen and give you an opportunity to ask questions.

Your options for sedation and/or pain relief will be explained to you. You can choose whether you want a sedative injection or Entonox (see below).

At this point, if you have not already done so, you will be asked to read and sign a form that gives your consent to the tests. It is very important that you understand the tests before signing the form so if you have any questions please do ask.

Before your tests start you may be asked to change into a hospital gown.

The sedative injection

You will be given an injection into a vein, usually into the back of your hand, to make you more comfortable during the test. The injection used is usually a mixture of a painkiller (pethidine or fentanyl) and a sedative (midazolam).

People respond to the injection in different ways. Some people are very drowsy and do not remember having the test afterwards, but others may be more alert and remember the examination.

It is not always safe to give more of the sedative drug. You will be aware of what is going on and you will not be completely 'knocked out'.

The after-effects of the injection

Your ability to think clearly and make decisions may be affected for up to 24 hours even though you may feel wide awake. For this reason you may need to have someone to accompany you drive you home and stay with you overnight. If you choose to have pain relief (fentanyl or pethidine) you need to be aware that it is an offence to drive under its influence.

If you do not have anyone to look after you overnight, you can have the test with Entonox and pain relief but no sedation.

This can be discussed at your pre-assessment appointment.

After the test for the next 24 hours, you should not:

- Drive a vehicle or motorbike
- Use potentially dangerous appliances such as a cooker
- Have a bath without someone being there to help you
- Look after children on your own
- Go to work
- Operate any potentially dangerous machinery
- Sign any legal documents
- Drink any alcohol

What is Entonox?

Entonox is a colourless and odourless gas made up of 50% nitrous oxide and 50% oxygen. It has been used for pain management for many years and you may be more familiar with hearing it called 'gas and air'.

You will administer the Entonox yourself by breathing into a mask or mouthpiece. You will be asked to use it for about 5 minutes before starting the colonoscopy. As you continue to use it you will become relaxed and maybe drowsy and will need to continue breathing the gas until the procedure is finished. There are no long-lasting effects and you will be able to drive afterwards.

Pain may be relieved but not necessarily remove it completely. If you need further pain relief, just ask.

Who will do your colonoscopy?

A doctor or nurse-endoscopist will perform your colonoscopy. We also have qualified doctors who are being trained in colonoscopy.

You can be assured that whoever does your colonoscopy, he or she has been trained to a high degree and is being supervised at an appropriate level. We may ask if you mind whether medical students can observe your colonoscopy but this is voluntary.

What happens during the test?

You will lie comfortably on your left side on a couch. The tube will be inserted into your back passage. The tube is then passed around the bends in your bowel. This can take anything between 10 and 45 minutes, depending on the length of your bowel and what we find on the way. A nurse will stay with you throughout the test.

Will it be painful?

What patients say about the colonoscopy test is very variable. Many patients are drowsy during the test and do not remember anything about it afterwards. However, some patients do experience discomfort and pain. We try to minimise the pain that you experience, but if it is too much for you, we can stop the test at your request. The discomfort and pain should only last for a short time.

What happens after the test?

If you have had sedation or pain relief medication, the doctor or nurse will talk to you when you are more alert. It is best to have a friend or relative listen to this because even though you feel awake you will not remember much of what you are told. When you leave the Endoscopy Unit it is essential that:

- You have someone with you and that they stay with you until the next day.
- You do not go home alone, even in a taxi.
- You do not drive or work until the next day after the test.
- A nurse will also talk to you about any follow-up appointment and explain when you will get the results.

You may experience some mild to moderate windy pains in your stomach. If you had a polyp removed or a biopsy performed you may experience a little bleeding. Although unpleasant, these are normal and should stop within 24 hours.

When will I get the results?

The doctor or nurse will speak to you before you leave and explain what was seen and done during your test.

Are there any risks in having a colonoscopy?

Like all medical procedures, there are some (small) risks from having a colonoscopy. Minor side-effects such as a windy and sore stomach are quite common. It may take you several hours to get rid of all the wind.

Serious side-effects are extremely rare from simple colonoscopy and occur in approximately 1 in 1000 people. If we perform treatment during colonoscopy, particularly if we remove polyps, the risks are higher (approximately 1 in 500) and you should regard this as being like a surgical procedure.

The main risks are that there will be bleeding afterwards or that there will be damage to the bowel wall causing a perforation (tear) of the bowel. Both of these complications are rare and mostly get better by themselves. If a complication should occur you may need to spend a few days in hospital while the bowel repairs itself.

Very occasionally we have to perform a surgical operation to sort the problem out.

Like all medical procedures there is a very small risk of death if a complication does occur, but this is extremely rare (less than 1 in 10,000 endoscopies).

Alternatives / options for treatment

There are a number of ways in which we investigate bowel symptoms, such as a specific form of x-ray called a CT colonography. The use of these tests depends on factors which include your specific symptoms, age, level of fitness and how likely it is that you have something seriously wrong.

Contact Us

If you have any queries please contact us:

North Tyneside General Hospital **0191 349 9672**

Monday to Saturday, 8am - 6pm

Wansbeck General Hospital **01670 529 063**

Monday to Friday, 8am - 6pm

Hexham General Hospital **01434 655 321**

Monday to Friday, 8am - 6pm

Alnwick Infirmary **01665 626 794**

Monday to Friday, 8am - 6pm

Berwick Infirmary **01289 356 635**

Please note this unit is not open daily, if there is no response please contact Alnwick Infirmary.

If you need urgent care outside of these hours call 111 or go to:

- your local 24 hour walk-in service at Hexham, North Tyneside or Wansbeck
- your local minor injuries unit if you live in Alnwick, Berwick, Blyth or Haltwhistle

If you need emergency care dial 999 or go to the Northumbria Specialist Emergency Care Hospital, Northumbria Way, Cramlington, NE23 6NZ.

Alternative Formats

If you would like a copy of this information in large print, another language, audio tape or other format please call the Contact Centre on **03 44 811 8118**

Other sources of information

NHS 111

NHS Choices

www.nhs.uk/pages/homepage.aspx

NICE (National Institute for Health and Clinical Excellence)

www.nice.org.uk

Patient Advice and Liaison Service (PALS)

Freephone: **0800 032 0202**

Text: 01670 511098

Email: northoftynepals@nhct.nhs.uk

Northumbria Healthcare NHS Foundation Trust

General Enquiries **03 44 811 8111**

www.northumbria.nhs.uk

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