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.

**When will I get my appointment for my tests?**
You will be sent an appointment to attend the Endoscopy Unit for a pre-assessment visit first. At pre-assessment you will be seen by the pre-assessment nurse who will ask you questions about your health and you will be given detailed instructions on how to prepare for the tests. You will have the opportunity to ask any questions or raise any concerns you may have.

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

**Iron Tablets (ferrous sulphate):** Stop taking iron tablets one week before your test – this is extremely important.
What will happen at my pre-assessment visit?
The nurse will ask you about any medication you are taking, so please bring with you:

- A list of your tablets
- Any inhalers or sprays you use

**Warfarin or phenindione:** All patients on these tablets **must** follow the advice given at the pre-assessment appointment. We will check your INR on the day of your procedure. Please bring in your yellow anticoagulation record book when you attend for your procedure.

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

Tablets for all other conditions such as angina, asthma and epilepsy should be taken as normal.

If you are on an oral contraceptive pill, you will need to use an alternative form of contraception for two weeks before and two weeks after the procedures as the bowel preparation can stop contraceptive pills working.

**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.
For a morning appointment do not take your diabetic tablets or insulin on the morning of the test but please bring them with you to the Endoscopy Unit.

After the test you can take your normal diabetic treatment and we give you something to eat. 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 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 need to have someone to accompany you home and stay with you overnight.

If you don’t have anyone to look after you overnight, you can have the first test with throat spray and the second 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?**

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.

**Endoscopy Unit telephone numbers**

**North Tyneside General Hospital**
0191 293 4319 – Emergency Care 0191 293 2515

**Wansbeck General Hospital**
01670 529 063 – Emergency Care 01670 529 565

**Hexham General Hospital**
01434 655 321 or 01434 655 323 – Emergency Care 01434 655 323

**Alnwick Infirmary**
01665 626 794 – Emergency Care 01670 529 565

**Berwick Infirmary**
01289 356 635 – Emergency Care 01670 529 565
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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