

Gastroscopy and Colonoscopy

Endoscopy Unit

New Cross Hospital and Cannock Chase Hospital

The prevention of infection is a major priority in all healthcare and everyone has a part to play.

- Please decontaminate your hands frequently for 20 seconds using soap and water or alcohol gel if available
- If you have symptoms of diarrhoea and/or vomiting, cough or other respiratory symptoms, a temperature or any loss of taste or smell please do not visit the hospital or any other care facility and seek advice from 111
- Keep the environment clean and tidy
- Let's work together to keep infections out of our hospitals and care homes.

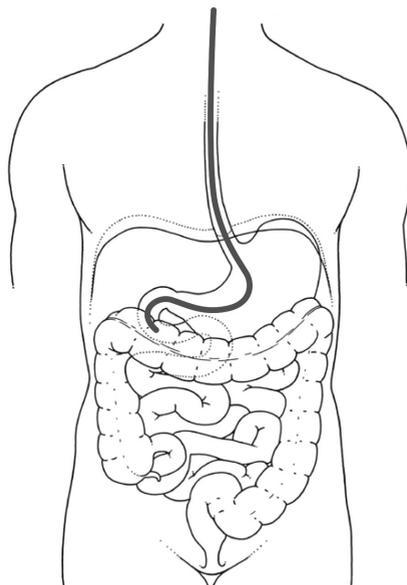
You have been advised that you should have a test called a gastroscopy and a test called a colonoscopy.

These procedures may be undertaken at New Cross Hospital, Wolverhampton or Cannock Chase Hospital, Cannock. Your appointment may be at either site.

This leaflet tells you why you need these investigations, how to prepare for them and what to expect on the day and immediately afterwards. If you have any remaining concerns or queries when you have read the leaflet, please telephone the Endoscopy Booking Office on one of the numbers you will find towards the end of this leaflet.

What is a gastroscopy?

A gastroscopy allows the endoscopist to look into your gullet (oesophagus), stomach and the first part of the small bowel (duodenum).

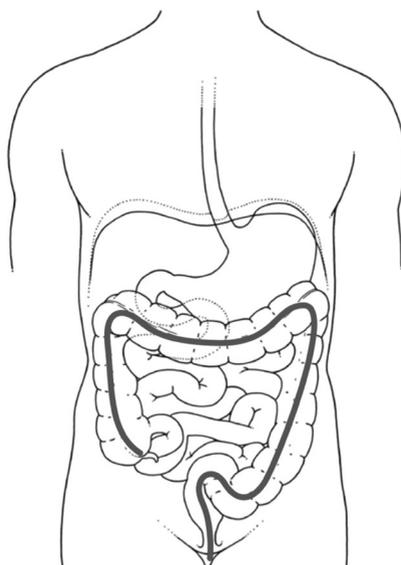


The gastroscoppe is a long flexible tube (thinner than a finger) with a bright light at the end. It is passed through your mouth, down your oesophagus, into your stomach and duodenum.

During the test the endoscopist may need to obtain tiny pieces of tissue (biopsies) to help find the cause of your symptoms. The tissue will be sent to the laboratories for analysis. The tissue is removed painlessly through the gastroscoppe using a tiny grasper (forceps).

What is a colonoscopy?

A colonoscopy is a test that allows the endoscopist to look directly at the lining of your large bowel (colon). The colonoscope is a long flexible tube (as thick as your finger) with a bright light at the end. It is passed into your back passage and round your colon.



During the colonoscopy the endoscopist may need to obtain tiny pieces of tissue (biopsies) from the lining of your bowel to help find the cause of your symptoms and / or assess the lining further.

Sometimes the endoscopist may need to remove a polyp (overgrowth of tissue). This is done through the colonoscope by placing a small wire loop around the polyp and may include applying a small electrical charge (diathermy) to remove the polyp.

Taking biopsies or removing a polyp is painless.

All biopsies taken and any polyps removed will be sent to the laboratories for analysis.

Consent

You will also have the opportunity to confirm the details on your consent form. You will be asked to sign a consent form to give permission to have the test done. The consent form may be completed in clinic, or be sent to you with the appointment details. Please read all the information on the consent form.

You will be asked to consent to having the procedure, but we also need your permission to retain and store in the laboratory any tissue samples removed at the time of endoscopy.

If you have no questions, it is important that you sign the consent form at home at least one day before the test; otherwise this will be done prior to the test after you have spoken to a nurse or doctor.

Please bring the consent form with you to your appointment.

Preparation for the gastroscopy and colonoscopy

Your stomach must be empty during the gastroscopy. You can drink water for up to 2 hours before your appointment.

It is very important that your bowel is empty when the colonoscopy is done. To ensure your bowel is empty it is necessary for you to restrict your food intake and drink some laxative solutions to cleanse your bowel. Please avoid foods with seeds, i.e. multi-grain or wholemeal seeded bread for 5 days before your appointment. Please follow all the instructions on the bowel preparation instruction card.

Please stop iron tablets 7 days before your appointment.

If you take anticoagulant tablets (such as warfarin, rivaroxaban, dabigatran apixaban or edoxaban), or antiplatelet drugs (such as clopidogrel, prasugrel or ticagrelor), or if you are a diabetic, please telephone 01902 694191 (New Cross) or 01543 576736 (Cannock) and speak to a nurse, as we may need to alter your medication before you take the bowel preparation. You can take all other medications as normal.

When you arrive at the endoscopy unit please report to reception and you will then be asked to take a seat in the waiting area.

A nurse will invite you into an office to ask you questions about your health, explain about the gastroscopy and colonoscopy, and find out what arrangements you have made for going home. You will have the chance to ask any questions that you may have.

You will also have the opportunity to confirm the details on your consent form.

There may be a slight delay before you are taken through for your procedures; however a relative or friend is more than welcome to wait with you.

You will be taken into the recovery area and asked to change into a gown. A locker is provided for your clothes.

In the examination room

Before the gastroscopy and colonoscopy are done you will be asked to remove your glasses, (contact lenses can stay in) and to remove any false teeth (a denture pot is provided). The gastroscopy is performed after you have chosen whether to have a local anaesthetic spray to your throat and or a sedative injection.

A colonoscopy is sometimes a little uncomfortable. The next section describes the options available for pain relief and or sedation.

Local anaesthetic spray

This is sprayed to the back of your mouth and you are asked to swallow. After a few seconds it will start to make your throat feel numb.

Having the spray makes it more comfortable when the gastroscope is passed down through your throat.

After the gastroscopy you will have to wait 1 hour before you can eat or drink.

Sedation

This is an injection given into a vein in your hand or arm to make you feel drowsy and relaxed. Some people do not have any memory of the gastroscopy and colonoscopy being done. After the gastroscopy and colonoscopy you will be kept in the recovery area lying on a trolley until you are fully awake.

Sometimes sedation may not be advisable because of other health problems.

Pain relief

Pain relief can be provided by an injection into the vein, the same as sedation. For the colonoscopy, there is also the option of Entonox (also known as gas and air) which plays an important role in overcoming the apprehension and any possible discomfort patients may experience. Entonox is a ready-to-use medical gas mixture consisting of 50% nitrous oxide and 50% oxygen.

You will be able to discuss with the nurse and your endoscopist which method of pain relief and / or sedation will be the most suitable for you.

The gastroscopy

A nurse will stay with you throughout the gastroscopy. You will be made comfortable lying on your left side on a trolley. A mouth guard will be placed between your teeth (or gums); this keeps your mouth slightly open and prevents you from biting the gastroscope. The nurse will hold this in place. You will be given some oxygen to breathe through a small plastic tube in your nostrils. Throughout the gastroscopy a monitor is placed on your finger to check your pulse and oxygen levels.

The Endoscopist will pass the gastroscope over your tongue to the back of your throat. The gastroscope will then pass into your gullet, stomach and duodenum. The gastroscopy only takes a few minutes.

You may feel the gastroscope move inside you and you may feel full of air and bloated. This is because air is blown into your stomach to ensure good views are seen.

During the gastroscopy the nurse, using a sucker similar to the dentist, will remove any saliva collecting in your mouth. Tissue samples (biopsies) may be taken painlessly during the gastroscopy. As soon as the gastroscope is removed the mouth guard is taken out of your mouth and the test is over.

The colonoscopy

Again a nurse will stay with you throughout the colonoscopy. You will be made comfortable lying on your left side on a trolley with your knees bent up. Your oxygen therapy will be continued and the monitor on your finger will remain in place.

The endoscopist will examine your back passage with a gloved finger and then insert the colonoscope. Lubricant jelly will be used.

The colonoscopy can take between 15 and 60 minutes. Carbon dioxide or air is passed through the colonoscope into your bowel to allow clear views. This may cause you some discomfort and cramping. The air makes you feel like you want to go to the toilet. Remember your bowel is empty so all you will pass is wind. Please do not feel embarrassed, this is normal. During the colonoscopy you are sometimes asked to change your position, to lie on your back, right side or stomach. This helps to steer the colonoscope around your bowel.

After the gastroscopy and colonoscopy

If you have had sedation and pain relief you will be cared for in the recovery area on the trolley until you are fully awake and it is safe for you to go home. This may take between 1 and 2 hours. If you have had local anaesthetic throat spray you will have to wait 1 hour before you can eat and drink. You will be given something to eat and drink before you go home. Please tell us of any specific dietary requirements at least 24 hours prior to your procedure.

You will have some written instructions to take with you.

It is very important that you have an adult to accompany you home (by car or taxi) and for an adult to be with you until the next day. It is strongly recommended that you do not drink any alcohol, do not drive any vehicle, do not operate any machinery, sign any legal documents, or return to work for 24 hours. This is because the effects of the sedation last this long.

If you do not have sedation you will be offered something to eat and drink. You will be advised when you can go home and you will have some written instructions to take with you.

When will I receive the results?

The endoscopist will usually give you the results before you go home. If you have had sedation you may not remember all that has been said to you, however, the test results can be given to you by your general practitioner or at clinic. The nurse will advise you how to obtain your results.

What are the risks of having a gastroscopy?

The majority of gastroscopies are safe and uncomplicated. However, as with any procedure there is a small chance of side effects / complications. You may suffer from a sore throat or feel some wind in your stomach. This will settle in a few days. National studies have shown that serious complications such as:

- Drug reaction
- Bleeding
- Perforation (hole / tear in wall of gullet, stomach or duodenum)
- Missed lesions (unable to see an abnormality) are very rare

Bleeding: occurs in less than 1 In 5000 cases.

Perforation: occurs in approximately 1 in 5000 cases.

What are the risks of having a colonoscopy?

The majority of colonoscopies are straightforward. However, as with any procedure there is a small chance of complications / side effects. (You may have some wind for a couple of days after the colonoscopy). National studies have shown that serious complications are infrequent.

They include

- Reactions to drugs
- Bleeding
- Perforation of the bowel

- **Missed lesions:** Although this test has been recommended as the best test to detect any abnormalities, no test is perfect. There is a small risk that we may miss lesions including polyps and rarely cancers.

Bleeding: bleeding occurs in approximately 1 in 150 cases. Bleeding may occur up to 14 days after your procedure.

Perforation: perforation (hole / tear in bowel wall) occurs in approximately 1 in 1500 cases and this is more likely if a polyp is removed.

Severe complications are rare, but may require emergency admission, repeat endoscopic procedure, surgery, blood transfusion or, in extremely rare circumstances, result in death.

Information for women of childbearing age.

If you are pregnant or think that there is a possibility you could be pregnant, please contact the endoscopy unit on the telephone number at the front of this booklet.

We will need to discuss your individual circumstances as it may be necessary to cancel or delay your appointment.

Are there any alternatives to a gastroscopy?

In certain circumstances, it may be suggested that a barium swallow or barium meal X-ray could be done. This involves drinking a fluid, which shows up on X-ray.

A barium test does not allow a tissue specimen to be taken for investigation, so a gastroscopy may be suggested, when this is necessary. If there are any abnormalities, it is usual to have a gastroscopy so that biopsies can be taken.

Are there any alternatives to a colonoscopy?

A CT scan may be recommended. Some scans require bowel preparation. Images are taken of your bowel to help diagnose your symptoms but polyps cannot be removed or biopsies taken.

What if I don't have a gastroscopy and colonoscopy?

A gastroscopy and colonoscopy have been recommended because you have symptoms, or have had other investigations, which suggest disease of the gullet, stomach, small bowel or large bowel. If you do not have a gastroscopy and colonoscopy then important disease may be missed. Alternative investigations can be performed, but a gastroscopy and colonoscopy may still need to be done to confirm the diagnosis or deliver treatment within the stomach or bowel.

Training

The Royal Wolverhampton NHS Trust is a regional centre for endoscopy training. You may be asked if you would be willing to be examined by a trainee consultant / trainee nurse endoscopist.

All trainees are under the direct supervision of an expert trainer until they are fully competent; the Senior Endoscopy Trainer is there to ensure your safety and comfort. With your help it will be possible to train the specialists of the future.

Clinical photography

Clinical photography is the visual recording of clinical conditions for use in your patient record. They are used by health care professionals to help monitor your clinical condition and are often used in the treatment planning process along with other tests such as X-rays, scans and blood tests, etc.

With your permission, clinical photographs can also be used for teaching doctors, nurses and other medical professionals, as well as research, audit and quality assurance purposes.

If you require any further information, please contact us on these numbers:

Endoscopy Booking Office:

01902 694052 or 01902 694057 or 01902 442488

Monday to Friday 08:30 to 16:30

Or visit the website:

<https://www.royalwolverhampton.nhs.uk/services/service-directory-a-z/gastroenterology/>

Guts UK - The Charity for the Digestive System

3 St Andrews Place

Regents Park

London, NW1 4LB

Telephone: 020 7486 0341

Fax: 020 7224 2012

Email: info@gutscharity.org.uk

<https://gutscharity.org.uk/>

PALS

(Patient Advisory & Liaison Services)

Patient Information Centre

New Cross Hospital

Wolverhampton, WV10 0QP

Telephone: 01902 695362

Email: rwh-tr.pals@nhs.net

www.pals.nhs.uk

Open: Monday to Friday 09:00 to 17:00

English

If you need information in another way like easy read or a different language please let us know.

If you need an interpreter or assistance please let us know.

Lithuanian

Jeigu norėtumėte, kad informacija jums būtų pateikta kitu būdu, pavyzdžiui, supaprastinta forma ar kita kalba, prašome mums apie tai pranešti.

Jeigu jums reikia vertėjo ar kitos pagalbos, prašome mums apie tai pranešti.

Polish

Jeżeli chcieliby Państwo otrzymać te informacje w innej postaci, na przykład w wersji łatwej do czytania lub w innym języku, prosimy powiedzieć nam o tym.

Prosimy poinformować nas również, jeżeli potrzebowałiby Państwo usługi tłumaczenia ustnego lub innej pomocy.

Punjabi

ਜੇ ਤੁਹਾਨੂੰ ਇਹ ਜਾਣਕਾਰੀ ਕਿਸੇ ਹੋਰ ਰੂਪ ਵਿਚ, ਜਿਵੇਂ ਪੜ੍ਹਨ ਵਿਚ ਆਸਾਨ ਰੂਪ ਜਾਂ ਕਿਸੇ ਦੂਜੀ ਭਾਸ਼ਾ ਵਿਚ, ਚਾਹੀਦੀ ਹੈ ਤਾਂ ਕਿਰਪਾ ਕਰਕੇ ਸਾਨੂੰ ਦੱਸੋ।

ਜੇ ਤੁਹਾਨੂੰ ਦੁਭਾਸ਼ੀਏ ਦੀ ਜਾਂ ਸਹਾਇਤਾ ਦੀ ਲੋੜ ਹੈ ਤਾਂ ਕਿਰਪਾ ਕਰਕੇ ਸਾਨੂੰ ਦੱਸੋ।

Romanian

Dacă aveți nevoie de informații în alt format, ca de exemplu caractere ușor de citit sau altă limbă, vă rugăm să ne informați.

Dacă aveți nevoie de un interpret sau de asistență, vă rugăm să ne informați.

Traditional Chinese

如果您需要以其他方式了解信息，如易读或其他语种，请告诉我们。

如果您需要口译人员或帮助，请告诉我们。