



## Endoscopy

# Colonoscopy with Plenvu®.

### General Information

#### TELEPHONE NUMBERS FOR ENDOSCOPY DEPARTMENT

RECEPTION (general enquiries only):	01305 255225
APPOINTMENTS (appointment enquires only):	01305 255701
CLINICAL ADVICE (any medical enquiries):	01305 253152

If you call the Clinical Advice line and your call goes to answer phone, please leave a message with the following details:

- Your name and telephone number.
- The procedure you are having.
- Date and time of your appointment.
- Your reference number (hospital number) or our reference number (NHS number).
- Your query.

Someone will return your call as soon as possible to discuss your telephone message with you.

**If you are using hospital transport and your appointment is after 2pm please contact the appointments line to rearrange an earlier appointment.**

## Colonoscopy – Planning Your Care

If you are taking any of the following medications or have the medical conditions listed here, please contact the Clinical Advice line above to help us plan appropriate care and management of your condition during your visit with us.

DO THE FOLLOWING APPLY?	YES
Do you have a long term condition such as Epilepsy, Parkinson's, Chronic pain and Steroid Deficiency eg Addisons (Adrenal deficiency)?	Call clinical advice line
Diabetes	Call appointments to ensure appropriate appointment, see diabetic leaflet
Recent heart attack Cardiac Pacemaker or ICD Fitted Are you pregnant?	Call clinical advice line
Blood thinners such as Clopidogrel, Prasugrel, Ticagrelor, Dabigatran, Warfarin, Rivaroxaban, Apixaban, Edoxaban (except Aspirin & Dipyridamole)	Call clinical advice line
Iron tablets	Stop taking these 7 days before the procedure.
Anti-hypertensives to lower your blood pressure	Call the clinical advice line, as you may need to stop these.
Diuretics (water tablets)	
NSAID's (non-steroidal anti-inflammatory drugs), such as Ibuprofen or Meloxicam	

Do not take any other laxatives on the day before your procedure, except the medication provided for this test.

Please continue to take medication for Inflammatory Bowel Disease (IBD), (ulcerative colitis or Crohn's disease) - if you are unsure please contact your IBD nurse for advice.

Take all other medications as normal, but take at least 1 hour BEFORE or AFTER taking **Plenvu®**. Please read information on page three in case further arrangements are needed.

If your health has changed/deteriorated since your telephone assessment/clinic appointment, and you are concerned as to whether you should take the **Plenvu®**, please contact the clinical advice line.

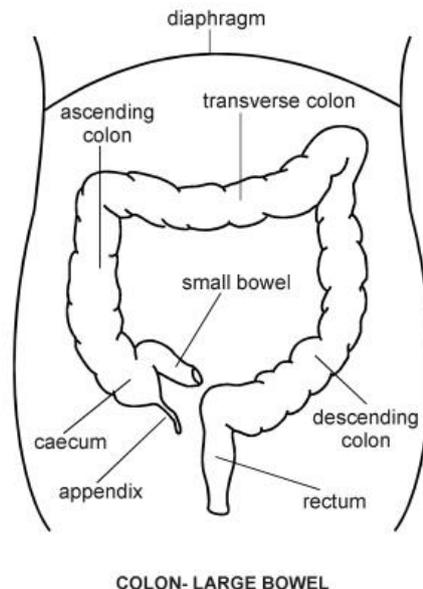
## Contraceptive Pill

Please note, if you are using the contraceptive pill, a loose bowel may make this ineffective. It is therefore recommended that other contraceptive measures, ie condom/cervical cap are also used for a period of 14 days following the examination. **Do not stop using the Pill.**

**Please note: Individuals are unable to donate blood for 4 to 6 months after flexible endoscopy and until they have informed the transfusion service of the diagnosis.**

## What Is A Colonoscopy?

A Colonoscopy is a look into the large bowel. The large bowel is the last part of your digestive system. The diagram shows your large bowel (also called your colon).



The instrument used to do the examination is called a Colonoscope. It is a flexible tube with a bright light and a tiny camera at the tip. The camera transmits pictures of the inside of the bowel to a video screen. It is inserted via the rectum and manoeuvred around the colon by the Endoscopist.

The procedure usually takes 20-30 minutes, although you should expect to be in the hospital for about 2-4 hours.

**Unfortunately, due to the nature of the investigations and individual needs of each patient, it is not always possible to run to time. The staff will endeavour to keep you informed of any delays.**

## Why Do I Need A Colonoscopy?

The purpose of a Colonoscopy is to see if there are any abnormalities in the bowel. The pictures will show any areas of inflammation or any polyps (fleshy growths). Many examinations show a normal healthy bowel.

## How Will it Help Me?

During a Colonoscopy the lining of the bowel can be clearly seen. It is an excellent way to get a diagnosis of your complaint or to reassure you that all is well.

The Colonoscope has a hollow tube inside that can be used to take samples of tissue, called biopsies. These can be examined in the laboratory under a microscope.

If any polyps are seen, they can normally be removed through the Colonoscope and these can be examined in the laboratory.

## How Safe Is A Colonoscopy?

It is common to get some abdominal discomfort during the procedure but this usually settles quickly. Complications following Colonoscopy are rare but, as with almost all medical procedures, there are some risks of which we must make you aware.

**Risks from sedation:** Sedation medication can affect the breathing, but in order to minimise any risk, your dose is individually assessed and your oxygen level monitored throughout the procedure.

If you are asthmatic or have any breathing difficulties, please inform the nurse on your arrival and bring your inhalers with you.

It is rare, but an allergic reaction to medications can occur and will need medical treatment.

**Risks from bleeding:** This is another rare complication that usually does not need any further treatment. A small amount of bleeding is not unusual and should not cause alarm especially following biopsy or removal of a polyp. Bleeding may occur up to several days after the procedure.

Heavier bleeding may require further treatment in hospital. Please contact NHS Direct on 111 or attend the emergency department.

**Risks from perforation:** This is a tear in the bowel lining. This is a serious, but rare, complication that will involve you having to stay in hospital and you may need surgical treatment. If you have severe pain, please contact NHS Direct on 111 or attend the emergency department.

**Miss rates:** It cannot be guaranteed that we will spot everything that there is to be seen, although it is unlikely that we would miss anything significant.

**Failure rate:** Your comfort and safety are our priority and we will stop at any time if we cannot ensure this, or if there is a problem with equipment, which is rare. Alternative tests may be arranged.

## **Is There An Alternative To A Colonoscopy?**

Yes. A CT Colonogram may show the cause of your symptoms. However a CT is not as accurate as a Colonoscopy and it cannot treat any problems that might be found.

Remember, if you are unsure about this examination please seek more information from your referring doctor.

## **How Do I Prepare For My Colonoscopy?**

It is important that the bowel is empty of faeces for the procedure to be successfully performed.

In order to do this you need to follow the instructions on the Plenvu® leaflet enclosed, starting the day before your appointment. Please read this carefully.

**This is very important as failure to follow the instructions will result in your colonoscopy being unsuccessful or cancelled.**

**This medication does cause diarrhoea (you may wish to use Vaseline and soft wipes to prevent a sore bottom)** and consequently dehydration. You should drink at least 3 litres of clear fluids a day whilst taking these medications and up until one hour before your examination.

## **Symptoms Of Dehydration Include:**

- Dizziness or light-headedness (particularly on standing up).
- Thirst.
- A reduced urine production.

## **Please Bring With You:**

- A list of your medications, Inhalers and GTN spray (if used).
- A dressing gown and slippers for your comfort and dignity.

## **What Happens When I Get To The Endoscopy Unit?**

When you come to the Endoscopy Unit please give your name to the receptionist.

A nurse will take you through to a private office. You will be asked some questions about the arrangements you have made to get home and about your health. The nurse will check your breathing, pulse and blood pressure. If you take Warfarin your INR will be checked and if you are diabetic your blood sugars will be checked. Please tell the nurse if you are allergic to any medicines.

You can ask any questions that you have or tell the nurse of any worries. It is not unusual to feel anxious about having a Colonoscopy. The nurses and Endoscopists understand this and will do their best to reassure you.

Once the nurse has finished taking your details you will be asked to sit back in the waiting area. When the Endoscopist is ready to see you, a nurse will come and take you through to get changed into a hospital gown and offer dignity shorts ready for the test.

## **Signing The Consent Form**

The Endoscopist or a Senior Endoscopy Nurse will meet and talk to you about the procedure. It is important before signing that you understand what is likely to happen. You will be given time to ask any questions that you may feel necessary to make up your mind.

## **What Are The Key Things To Remember?**

It's your decision and you can choose whether or not to consent to what is being proposed. Ask as many questions as you like and remember to tell the team about anything that concerns you or about any medication, allergies or past history which might affect your general health.

## **Your Colonoscopy Procedure**

This test is usually carried out with both a sedative injection (Midazolam) and opiate analgesia injection (Fentanyl) or inhaled analgesia called Entonox®.

**Sedation:** If you decide to have the sedative and opiate analgesia injection, you will need to have a responsible adult to come into the Endoscopy Unit to collect you, drive you home and look after you for 24 hours. This is for your own safety as the sedative injection can make you feel drowsy for up to 24 hours after the procedure.

**If you have not made these arrangements we will not be able to proceed with the investigation.**

**Entonox®** is a mixture of Nitrous Oxide Gas and Oxygen that is inhaled through a mouthpiece. It is an odourless, colourless gas which can provide excellent, short-term pain relief that works quickly and wears off almost as quickly. You will not need to be accompanied home and could drive yourself home afterwards.

Please tell the nurse if you:

- have recently used Entonox® for a procedure.
- currently have, or have recently had an ear infection or an operation on your ears.
- have recently had eye surgery.
- have recently had a head injury which required you to be in hospital.
- have recently been scuba diving.
- have recently suffered from a condition causing acute breathing problems (a chest injury, for example, or a collapsed lung).
- have emphysema, or chronic breathing problems, such as chronic bronchitis or moderate to severe asthma.

If you have any of the above conditions then Entonox® may not be suitable.

## **The Colonoscopy**

You will be taken to a treatment room for the procedure and introduced to the staff. You will be asked to lie on your left side on a trolley. You will be covered with a blanket.

If you have chosen Entonox®, the nurse will show you how to breathe through the mouth piece. It will make you feel relaxed, but can give you a dry mouth.

If you have chosen the sedation and pain relief, the Endoscopist or Nurse will insert a flexible plastic tube called a cannula into your arm or hand. These two drugs together make most people feel drowsy and relaxed. Some extra oxygen will be given to you through a small tube placed in your nose.

It may also be necessary to administer Buscopan which is a medication that reduces bowel spasms during the procedure.

Your pulse, breathing and blood pressure will be monitored throughout the procedure.

You should not feel pain during the test although you may have brief periods of discomfort, particularly when the endoscope is first inserted and when the scope passes around bends in the bowel. Occasionally the nurse will press gently on your stomach or your position may be altered to aid the passage of the scope.

Your bowel will be inflated with a little air so that good views are seen. This can sometimes be uncomfortable. Please tell the nurse if you have any discomfort.

You can watch the procedure on the screen if you feel awake enough.

## **How Do I Get The Results?**

When the procedure is over you will be taken back to the recovery area on a trolley to recover.

During this time the nursing staff will continue to monitor your pulse and blood pressure.

It's not unusual to have some 'windy' discomfort in your abdomen; this should soon start to disperse. You may feel a bit light-headed. The nurses in the recovery area will be making regular checks on you to see that all is well. It doesn't take long before you feel more awake and are ready for a drink.

Once you are ready for discharge the nurse will take you to a private room and will talk to you (and the responsible adult, if you have had sedation) about any results. You will also be given the opportunity to ask any questions. Biopsies need time to be processed and the result will be made available to the referring doctor/GP, along with a copy of the report. If biopsies are taken, you will be advised to visit/phone your GP after two to three weeks for the result, unless advised otherwise at the time of the procedure.

## **Are There Any Restrictions Afterwards?**

A nurse will prepare your discharge information to take home with you. This information includes instructions on how you need to take care of yourself until the sedation has worn off. If needed, you will be given a leaflet that will explain any specific findings in more detail.

## Going Home Following Sedation

### REMEMBER:

If you have chosen the sedative injection you **must** have someone to come into the Endoscopy Unit to collect you, drive you home and look after you for 24 hours.

**Travelling on public transport (train or bus) is inappropriate. You can travel by taxi but must have a responsible adult with you.**

For the 24 hours after the procedure you **must not**:

- Drink any alcohol.
- Drive a car.
- Operate machinery.
- Sign any legally binding documents.
- Be responsible for small children.
- Lock the bathroom door.

You can go back to your normal eating. We do advise, however, to start with something light.

It may take a few days for your bowels to get back to normal.

### Patients' Property

You are advised not to bring expensive items of jewellery or clothing with you when you visit the Endoscopy Unit.

You will be given a patient property bag to place your clothes in if changing for your procedure.

You will be asked to keep your property with you at all times.

The Endoscopy Unit and Dorset County Hospital NHS Foundation Trust cannot accept responsibility for the safeguarding of your property.

### How To Prepare To Take Plenvu®

**VERY IMPORTANT: DO NOT EAT ANY SEEDED OR NUT PRODUCTS FOR 5 DAYS PRIOR TO YOUR APPOINTMENT, EG SEEDED WHOLEMEAL BREAD.**

Each box of **Plenvu®** contains two doses; the first is contained in **one** sachet and the second is contained in **two** sachets (1 x sachet A + 1 x sachet B).

Please follow the preparation instructions as detailed in the enclosed leaflet.

We advise that you split the prepared **Plenvu®** into three glasses and drink over 30 minutes (10 minutes each glass)

After you drink **Plenvu®** you will have lots of watery bowel movements, **so stay near a toilet** because you may need to use it urgently.

Always read the label. It is extremely important to complete your bowel preparation fully as instructed because your doctor will need to have a clear view of the inner lining of your bowel.

**If you have any of the following side effects, STOP taking Plenvu and tell your Doctor immediately as these may be symptoms of a severe allergic reaction:**

- **Extreme fatigue.**
- **Palpitations.**
- **Rash or itching.**
- **Shortness of breath.**
- **Swelling of your face, ankles or other part of your body.**

**The car parking is pay & display.** You will need to pay for the first 2 hours and a permit will be issued thereafter.

When you enter the hospital grounds, follow the signs for North Wing Entrance 1. The Endoscopy Unit will be signposted as you enter the main entrance.

### **About this leaflet:**

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If you have feedback regarding the accuracy of the information contained in this leaflet, or if you would like a list of references used to develop this leaflet, please email [pals@dchft.nhs.uk](mailto:pals@dchft.nhs.uk)



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