

# Having a Loopogram

## Information for Patients

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## Introduction

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This leaflet tells you about having a Loopogram. It explains how the test is done, what to expect, and what the possible risks are.

If you have any questions or concerns, please do not hesitate to speak to a doctor or nurse caring for you.

## What is a Loopogram?

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A Loopogram is an X-ray examination done on patients who have an opening of bowel out onto the surface of the abdomen (a stoma). Contrast (X-ray dye) is introduced into the stoma through a small tube in order to visualize the large or small bowel extending to the stoma on X-rays.

## What do I need to do to before my test?

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### **Dietary restrictions**

Usually you will be instructed not to eat or drink for several hours prior to your test. However, guidelines about eating and drinking before the procedure vary at different hospitals and you should follow the instructions you are given with your appointment letter.

### **Taking tablets and medicines**

You should continue to take all your normal medication unless you are diabetic taking insulin. If you are diabetic using insulin, please contact the Radiology department for advice.

### **Females**

Females are asked to contact the Radiology department if you suspect that you may be pregnant OR if the appointment is more than 10 days after the *start* of your last period. This test uses radiation and there is a risk to the unborn baby if we were to do the X-rays when you are pregnant. When you arrive for your test, you will be asked when your last period started. If it is more than 10 days earlier, your appointment will be postponed.

### **Allergy to iodine**

You should inform us in advance if you have a known allergy to iodine. Your doctor may prescribe medications prior to the examination to reduce the risk of an allergic reaction.

## Where do I go when I arrive at the hospital?

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Please report to the reception desk in the Radiology department (B7) with your appointment letter 10 minutes before your appointment time. Please click on the following link for a site map of the hospital:

[http://www.ruh.nhs.uk/finding/documents/RUH\\_directory\\_map.pdf](http://www.ruh.nhs.uk/finding/documents/RUH_directory_map.pdf)

You will be asked to sit in the waiting area until called by a member of staff. A member of the team will explain the test and answer any questions. If you have to undress for the procedure, you will be shown to a private cubicle and asked to change into a clean gown. You will be asked to remove all jewellery and metal from the area to be scanned. Your clothes and valuables will be secured in a locker until after the procedure.

## Can I bring a relative or friend?

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You may bring a relative or friend with you to the appointment but, as the examination uses x-rays, for reasons of safety they will not be able to accompany you into the examination room, except in very special circumstances. If the patient is a young child or is un-cooperative, a parent or health worker may stay in the room, but will be required to wear a protective lead apron.

If you need an interpreter please tell us when you receive your appointment so that we can arrange this.

## What happens during the procedure?

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You will be taken into the screening/fluoroscopy room and asked to lie down on the fluoroscopy table. The fluoroscopy equipment uses x-rays to obtain real-time moving images of the body. A small beam of continuous x-rays passes through the body to an image intensifier, which is suspended over the X-ray table. The sequence of images produced can be viewed on a computer monitor.



X-ray pictures are taken of the abdomen. A small tube is then gently inserted into the stoma. A balloon on the end of the tube may be inflated with a small amount of water in order to retain the tube in the correct position within the bowel. A small amount of contrast (X-ray dye) is injected into the bowel through the tube while x-ray pictures are taken. You may be asked to lie in different positions whilst the images are taken.

The procedure will be performed by a Radiologist, who is a doctor specially trained to carry out complex imaging examinations and to interpret the images. The Radiologist is helped by a Radiographer, who is a professional trained to carry out X-rays and other imaging examinations.

The examination takes about 30 minutes to complete.

## What happens after the test?

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At the end of the test the tube is removed and a stoma bag is reapplied. Please bring a spare bag with you. You will then be able to leave immediately.

## Are there any risks?

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Fluoroscopy involves the use of X-rays. There are strict guidelines in place for the use of x-rays in diagnosing medical conditions so fluoroscopic examinations can only be performed at the request of a Doctor. We will keep the radiation dose as low as we possibly can. Women who are or might be pregnant must inform a member of staff in advance.

You may experience a bloated feeling as the bowel is distended with contrast during the procedure but it should not be painful.

The risk of serious allergic reaction to contrast materials used for a loopogram is uncommon, and radiology departments are well-equipped to deal with this.

Perforation of the bowel is rare. This may require surgery and/or antibiotics.

Despite these slight risks, your doctor believes it is advisable that you should have this examination, and do bear in mind there are greater risks from missing a serious disorder by *not* having your examination.

## How do I get my results?

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The Radiologist will review the images from your loopogram and send a report to your doctor. Your GP or hospital Consultant who referred you for the test will see you to discuss the results.

In some cases the Radiologist may discuss the findings with you at the end of the procedure.

## Any questions?

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We will do our best to make your visit as comfortable and stress free as possible. If you have any questions or suggestions for us, please contact the Interventional Radiology department on 01225 824366.

## More information

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For general information about Radiology departments, visit The Royal College of Radiologists' website: <https://www.rcr.ac.uk/public-and-media/what-expect-when>

For information about the effects of x-rays read the National Radiological Protection Board (NRPB) publication: 'X-rays how safe are they?' on the website: [http://www.hpa.org.uk/webc/HPAwebFile/HPAweb\\_C/1194947388410](http://www.hpa.org.uk/webc/HPAwebFile/HPAweb_C/1194947388410)

## How do I make a comment about my examination?

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If you have any concerns or suggestions following your examination, please contact the [Patient Advice and Liaison Service \(PALS\)](#),

Royal United Hospital Bath NHS Trust, Combe Park, Bath BA1 3NG.

Email: [ruh-tr.PatientAdviceandLiaisonService@nhs.net](mailto:ruh-tr.PatientAdviceandLiaisonService@nhs.net)

Tel: 01225 821655 or 01225 826319