



We can provide interpreters for a variety of languages, information in larger print or other formats (e.g. audio) - please call us on 01932 723553.

To use the Text Relay service, prefix all numbers with 18001.

اگر نیاز به ترجمہ دارید، لطفاً با شماره 01932 723553 تماس بگیرید۔

ਜੇ ਤੁਹਾਨੂੰ ਤਰਜਮੇ ਦੀ ਲੋੜ ਹੈ ਤਾਂ ਕਿਰਪਾ ਕਰਕੇ ਇਸ ਨੰਬਰ 'ਤੇ فون ਕਰੋ: 01932 723553

اگر آپ اس کا اردو زبان میں ترجمہ چاہتے ہیں، تو براہ کرم اس فون نمبر 01932 723553 پر رابطہ کریں

Se precisa de uma tradução por favor contacte: 01932 723553

আপনার অনুবাদের দরকার হলে এখানে যোগাযোগ করুন : 01932 723553

यदि आपको अनुवाद की ज़रूरत है तो कृपया इस नंबर पर फोन करें: 01932 723553

Jeżeli chcemy, aby te informacje w innym języku, proszę zadzwonić 01932 723553

**Ashford Hospital**  
London Road  
Ashford, Middlesex  
TW15 3AA  
Tel: **01784 884488**

**St. Peter's Hospital**  
Guildford Road  
Chertsey, Surrey  
KT16 0PZ.  
Tel: **01932 872000**

Website: [www.ashfordstpeters.nhs.uk](http://www.ashfordstpeters.nhs.uk)

# Myocardial Perfusion Scans

## Nuclear Medicine Department



---

## Further Information

We endeavour to provide an excellent service at all times, but should you have any concerns please, in the first instance, raise these with the Matron, Senior Nurse or Manager on duty.

If they cannot resolve your concern, please contact our Patient Experience Team on 01932 723553 or email [asp-tr.patient.advice@nhs.net](mailto:asp-tr.patient.advice@nhs.net). If you remain concerned, the team can also advise upon how to make a formal complaint.

---

**Author:** Joann Simpson

**Department:** Imaging

**Version:** 2

**Published:** Mar 2018

**Review:** Mar 2020

On the **SECOND day** as there have been NO restrictions continue as normal.

## Remember

As you have had a radioactive injection, it is advisable that you restrict your time around young children and pregnant women for the rest of the day.

## Your results

As the examination is done over a few days a report will not be issued until both examinations have been completed. The report will be sent to the Consultant that you are attending. This Consultant will have all the results from other tests and will be able to tell you how the results of your scan will affect your care.

## MYOCARDIAL PERFUSION SCANS

This scan is a way of looking at the blood supply to your heart in a way that does not hurt. The test is done in two parts on two different days. The first one is done while your heart is "STRESSED" after the administration of a pharmaceutical agent. The other scan is done a few days later and shows the blood supply when your heart is "RESTING". Both examinations will be done after the administration of the radioactive tracer. These two sets of images are then compared to look for differences.

## Preparation

If you are pregnant, think you may be pregnant or are breastfeeding, please inform the Radiographer/Technician **BEFORE** you come for your appointment, as we may have to postpone your appointment until after your pregnancy, or until you have stopped breastfeeding.

**For 24 hours before the FIRST scan, avoid anything with caffeine (tea, coffee, alcohol) including chocolate. This helps the pharmaceutical agent work. Drink only water. You may eat food as normal.**

**On the morning of your FIRST scan you may have toast with butter and a drink of water. Please DO NOT take any medication BUT bring it with you including any inhalers you use.**

**On the morning of your SECOND scan you may have toast and butter along with your tea/coffee. You DO NOT have to restrict your caffeine input.**

### **Is it safe for me to have this scan?**

The amount of radioactive tracer used to take the images is small and the radioactivity is short- lived. The risk is outweighed by the benefit from the information that is gained by taking the scan. The doctor that you saw will have decided that this is the best test before we send you the appointment.

### **The Injection**

On the **FIRST day** a cannula will be inserted into a vein in your arm or hand. This will be connected to an infusion pump and a drug called Adenosine will be infused through it for 6 minutes. This will enable your heart to act as though you are exercising. The radioactive tracer will be given after 3 minutes. A Cardiac Physiologist will be monitoring your ECG and Blood Pressure throughout this time.

On the **SECOND day** a cannula will be inserted into a vein in your arm or hand again. This time only the radioactive tracer will be given.

### **Your Scan**

For both examinations you will have to wait up to 1 hour before you can be scanned. While you are waiting you will be given a couple of glasses of cold water to drink. This will help with the scan by clearing activity in your abdomen, allowing a better image of your heart.

The scans are taken by a special machine called a Gamma Camera. This is NOT a tunnel, but it will come close to you in order to obtain optimum images. There are sensors in the camera which stop it from touching you, so it will not touch you or hurt you.

You will be asked to lie with both arms above your head, while the camera moves around you. This will take 20 to 30 minutes.

Please inform the department when you are confirming your appointments if you will have a problem keeping your arms above your head.

On the **FIRST day** we may attach you to our ECG monitor, allowing extra information to be taken.

### **After the scans**

On the **FIRST day**, you may resume your medication, eat and drink as normal.