

## Patient Information Leaflet

# MUGA SCAN

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### ***WHAT IS A MUGA SCAN? (MULTI-GATED ACQUISITION)***

This is a type of nuclear medicine scan. It uses a tiny amount of radiation to look at the function your heart. It measures how well the heart pumps blood around the body. The Radiographer will give you a small injection into a vein in your arm, just like having a blood test. You will need to wait for 20-30 minutes before being given a second injection. This injection is a small amount of radioactivity which will tag onto your red blood cells so we can measure the volume of blood your heart pumps out. Most of the radioactivity will have left your body by the next day.

### ***WHAT ARE THE BENEFITS?***

The benefit is it can show conditions that may not be seen with other procedures.

### ***IS THERE ANY SPECIAL PREPARATION, OR INSTRUCTIONS?***

You may eat and drink normally and take any medication as normal.

### ***IF YOU ARE PREGNANT OR BREAST FEEDING***

If you are pregnant, or think you may be pregnant or you are breastfeeding please tell us before we give you the injection.

### ***IS THE RADIOISOTOPE INJECTION DANGEROUS?***

We are all exposed to small amounts of radiation from the atmosphere throughout our lives. Any amount of diagnostic radiation can add slightly to the normal risk of developing cancer. In all our examinations the amount of radiation is kept to the minimum so the added risk from this test is very small indeed. Your body will get rid of the radiation quickly and naturally through your kidneys. However, please avoid prolonged close contact with children and pregnant women on the day of the scan. This is to avoid exposing them to unnecessary radiation.



### ***WHAT HAPPENS DURING THE TEST?***

We will attach three heart trace leads to your chest so you will need to loosen clothing from your waist up. You will be asked to lie on the scan table and the Radiographer will position the scanner close to the left side of your chest. The pictures will take about 20 minutes during which time we need you to lie still. The scanner does not come over your head and it is not like being in a tunnel. You will not be sedated and you can use your usual form of transport.

### ***HOW DO I RECEIVE THE RESULTS OF MY SCAN?***

The results will be sent to the doctor who referred you for this examination and you can discuss the report with them when you next visit. An appointment will be sent to you if you came as an outpatient. If your GP sent you, you need to make an appointment to see them about two weeks after the examination.

### ***WHO SHOULD I CONTACT IF I HAVE ANY QUESTIONS?***

You can contact the Nuclear Medicine Department on 0161-922-6605 during the hours of 9.00am to 5pm Monday to Friday. Alternatively, write your questions in this space below and bring this with you when you attend for your scan.

### **ALTERNATIVES**

Your doctor has decided that this is the appropriate examination to investigate your condition. Any alternatives should have already been discussed with you.

### **SOURCE**

In compiling this information leaflet, a number of recognised professional and accredited good practice guidelines have been used.



If you have a visual impairment this leaflet can be made available in bigger print or on audiotape. If you require either of these options please contact the Patient Information Centre on 0161 922 5332

### Language, Interpretation and Patient Support Service (LIPS):

If you require an interpreter to assist your appointment, please ask an appropriate family member to contact our central booking office between **Monday to Friday 8am to 5pm** on **0161 922 6991** to arrange this for you.

語言 翻譯及病者支持服務 (LIPS)

如果閣下需要翻譯員在您的預約當日幫助您的話 請找一名合適的家庭成員 **0161 922 6991** 聯絡本中

央預約辦事處來您您安排 我們的辦公時間是星期一至星期五 上午 8 時至下午 5 時

Językowo Tłumaczeniowa Usługa Pomocy dla Pacjenta ( *Language, Interpretation and Patient Support Service* LIPS):

Jeśli potrzebujesz pomocy tłumacza w trakcie swojej wizyty, proszę poprosić odpowiedniego członka rodziny o skontaktowanie się z Centralnym Biurem Zamówień (*Central Booking Office*), w celu zorganizowania tłumacza pomiędzy poniedziałkiem a piątkiem w godzinach od **08:00 - 17:00** pod numerem **0161 922 6991**.

لیٹگوئج، انٹرپریٹیشن اینڈ پشٹ سپورٹ سروس (Lips)

اگر آپ کو اپنی اپائنٹمنٹ کے لئے مترجم کی مدد کی ضرورت ہو تو براہ مہربانی اپنے خاندان کے کسی موزوں فرد سے کہیں کہ وہ ہمارے سنٹرل بکنگ آفس سے پیر سے جمعہ 8.00 بجے صبح سے 5.00 بجے شام کے دوران 0161 922 6991 پر فون کر کے اس کا بندوبست کریں۔

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