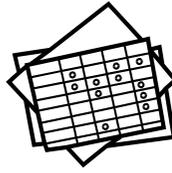


Your scan results

Once the examination is completed, the films will be reported and the results sent to the consultant/GP who referred you. They will then contact you with your results.



Any questions

The staff of the department want your visit to be as pleasant as possible. If you have any questions, fears or doubts, do not hesitate to ask a member of staff - it is in their interest as well as yours that you should feel as safe and as comfortable as possible.



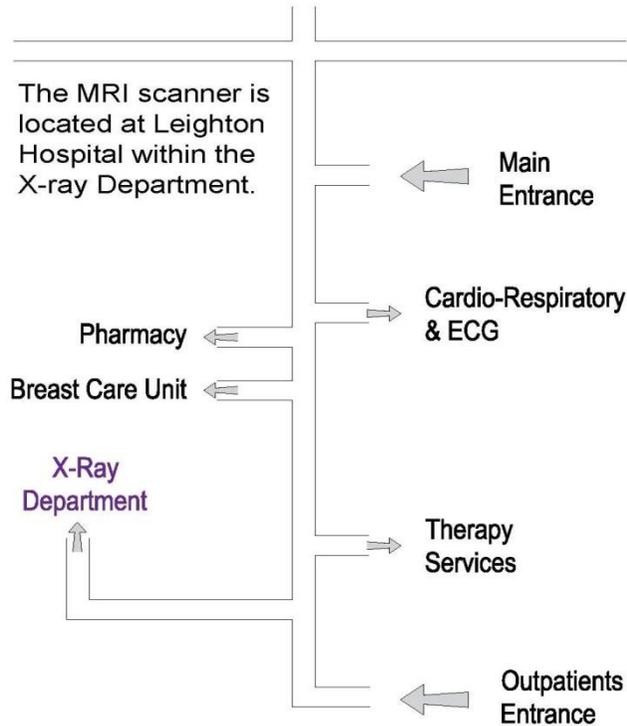
Do not hesitate to contact the MRI Department on: **01270 612151** between **9am and 4pm** Monday to Friday where a member of staff will help answer any questions.



This leaflet is available in audio, Braille, large print and other languages. To request a copy please telephone 01270 278023.

Directions

The MRI scanner is located within the X-ray Department at Leighton Hospital.



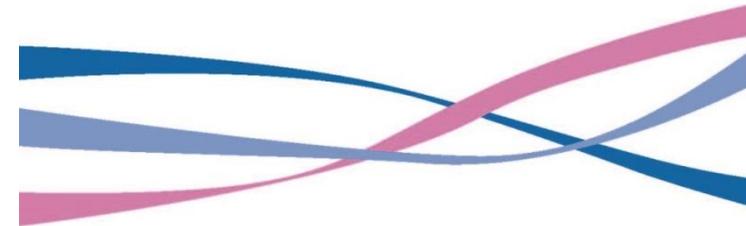
The MRI scanner is located at Leighton Hospital within the X-ray Department.

X-Ray (Medical Imaging)
Leighton Hospital
Middlewich Road
CREWE, Cheshire
CW1 4QJ

Direct Line: 01270 612151

Cardiac Magnetic Resonance Imaging (MRI)

Information for patients



Important

Phone line Opening times:

Monday to Friday
9.00am - 5.00pm

Saturday
9.00am – 12 midday

Direct Line: 01270 612151

Cardiac Magnetic Resonance Imaging (MRI)

Your consultant has referred you for a cardiac MRI scan at Leighton Hospital. MRI is the most advanced imaging technique producing detailed images of the body's internal structures. MRI uses a very strong magnetic field and radio waves so avoids the use of X-rays. This information leaflet will help you prepare for the examination.

Private patients will be requested to provide their insurance details and/or method of payment prior to their scan.

Safety

MRI is one of the safest diagnostic imaging techniques available. However, it may not be safe for some patients to have the scan. If you have any of the following or if you have any doubts about suitability for MRI imaging, please contact the MRI Department at least 3 days before your examination.

- Do you have any metallic implants within your body such as:-
 - Cardiac Pacemaker or Artificial Heart Valves, Cerebral aneurysm clips (sometimes used during brain surgery)?
 - Any medical devices such as cochlear implants or neurostimulators?
- Have you **ever** had any metal fragments in your eyes?
- Have you **ever** been a welder, sheet metal worker or grinder?
- Could you be pregnant?

Please complete the enclosed questionnaire and bring this with you. If you need glasses, please ensure you bring them with you.

Preparing for your MRI examination

On the day of your examination, please arrive **15 minutes** before your appointment time so that we can go through the MRI safety issues and explain the procedure to you.



You will be asked to remove any metal objects including hairpins, glasses, jewellery and any body piercings.

Watches and credit cards will be damaged by the magnetic field and must be removed.

Mobile phones must be turned off before entering the hospital building.

You will be asked to get changed into a hospital gown. A locker is provided for your belongings. The key must be handed over to a member of staff prior to your scan.

Before entering the scan room a cannula will be placed into your arm or hand so that a small injection can be given to you during the scan if necessary. You will then be taken into the scan room and asked to lie down on the examination couch with your feet towards the scanner.

Once you are in the correct position a small band will be placed around your stomach and four ECG leads will be positioned around your heart.

Throughout the scan you will be asked to breathe in, breathe out and to hold your breath for approx. 8-15 seconds at a time.

A small nasal cannula will be placed into your nose to deliver a small amount of oxygen to you, as towards the end of the test you may become breathless due to having to hold your breath throughout.

Once everything is prepared and completed and you are in the correct position you will be moved into the scanner. It is important that you are comfortable as you must lie perfectly still for the duration of the examination. Patient movement is the biggest single cause of an unsuccessful scan.

During the scan the machine makes a loud knocking noise. You will be given a pair of headphones to wear with music to listen to.

The examination will usually take approximately 75 to 90 minutes.