



Cardiac Resynchronisation Therapy Pacemaker (CRT-P)

Reviewed: July 2023
Next review: July 2024
Version 5

Important contact numbers

If you have any enquiries, please do not hesitate to contact Ward 2 East.

Switchboard: 0141 951 5000
Coronary Care Unit: 0141 951 5202
Ward 2 East: 0141 951 5250

You will have your follow up at:

You can contact them on:

Next of kin: _____

Other emergency contacts: _____

About this leaflet

The purpose of this leaflet is to provide information about Cardiac Resynchronisation Therapy using a Pacemaker and what you should expect during the course of your treatment.

Why is an CRT-P device implanted?

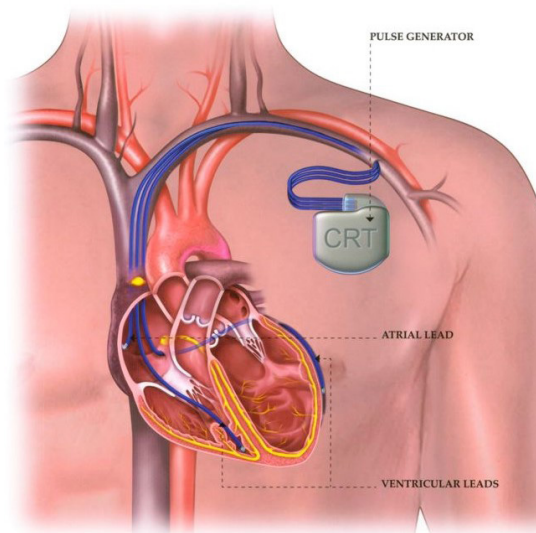
A Cardiac Resynchronisation Therapy Pacemaker (CRT-P) is implanted in patients suffering from some forms of heart failure, to reduce symptoms such as shortness of breath and fatigue.

The CRT-P is designed to treat heart failure by helping your heart pump blood more effectively, which can improve your heart's function and decrease your symptoms.

How a CRT-P device works

The CRT-P device works by sending pacing impulses to both ventricles (pumping chambers of the heart) simultaneously via pacemaker leads which are inserted to the right and left sides of the heart.

This will improve the overall pumping function of your heart and, over time, can improve your heart failure symptoms. Please do not worry if you do not notice an immediate improvement, as symptomatic improvement can take a number of weeks or months.



After you have your CRT-P implanted

For the first 6 weeks following your implant, it is important not to over use your arm on the implant side to allow the leads to settle into the heart muscle and for tissue to grow around them, holding them in place.

You should avoid raising your arm above shoulder height or carrying anything heavy, such as shopping bags, during these first few weeks.

Wound Care:

- Leave your wound site covered for first 2 days after your procedure.
- On the third day, remove your dressing and shower or bathe as normal, allowing clean water to run over your wound and pat it dry with a clean towel.
- Do not rub the area with soap, perfumed products, or a towel. If your wound site appears to be healing with no signs of fluid/discharge then leave it exposed; there is no need for further dressing. Continue this daily until wound is completely healed.
- To prevent infection, make sure you wash daily, using a clean towel at all times and wearing clean clothes.

If you think you have an infection at your wound site, contact your Pacemaker follow-up centre.

Signs of infection include:

- Heat or redness at site.
- Pus/discharge.
- Swelling.
- Smell.
- Increased pain.

You will be advised about your medication prior to being discharged from the ward.



CRT-P follow up

Your first follow up appointment will take place approximately 6 weeks after your implant and you will have regular follow up appointments at 3 months and annually after that. The Cardiology Department at your follow up hospital will keep you informed of your future appointments.

If you do not receive an appointment letter, it is important to contact Cardiology Department at your follow up hospital.

It is important that you attend your appointments as this will allow the team to check your pacemaker lead function and its battery.

There may be an option for monitoring your device from home. This may be through an app on your mobile phone or a box that sits at your bedside. This will be discussed at your follow up clinic.

Pacemaker battery

The battery in your Pacemaker will normally last between 5 and 10 years. As you get nearer to having this replaced, you will need to attend the Cardiology Department at your follow up hospital more frequently.

Having the battery replaced requires a theatre procedure similar to your initial implant. Normally the same scar site is used but the procedure can be much quicker, unless there is a problem with any of your leads.

Driving

The Driver and Vehicle Licensing Agency (DVLA) state that you cannot drive for one week following your implant.

Safety information

Most household appliances are safe to use with your pacemaker.

Mobile phones should be used on the opposite side to your implant.

All power tools should also be kept at arms' length.

You cannot undergo a Magnetic Resonance Imaging (MRI) scan unless you have been fitted with an MRI compatible device. If you are referred for an MRI scan, the doctor performing the scan (the radiologist) will need to check with your cardiologist / cardiac physiologist whether your device is 'MRI safe' or not. Even if the device is MRI safe, there are still precautions which may need to be taken.

Pacemakers can be sensitive to strong electromagnetic interference (EMI). If your employment requires you to be close to large industrial generators or other sources of EMI, you may need to take extra precautions. You should discuss any issues or concerns with your employer before you return to work.

As a rule if you begin to feel unwell using any equipment, stop and remove yourself from the area.

If you have any questions or concerns about safety of equipment, please contact the Cardiology Department at your follow up hospital for advice.



CRT-P ID card

You will be provided with a CRT-P identification card which includes your personal information, along with details of the pacemaker, leads you have implanted, the implanting physician and your hospital.

You must keep your ID card on you at all times as you may be required to provide it at any doctor/dentist/hospital appointments.

The ID card is issued by Eucomed Medical Technology. It is folded to credit card size so that you can keep it in your wallet or purse.

Travelling

When travelling ensure you:

- take your ID card with you;
- Inform your travel insurance provider that you have a CRT-P implant; and
- obtain information on the nearest hospital to your destination.

Airport Security

You may need to show your ID card when going through airport security so that staff know you have a CRT-P implant and can make a decision on whether to search you by hand rather than using the security gate/metal detectors.

If you are asked to walk through metal detectors it is safe to do so but you will set off the alarms.

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كافة مطبوعاتنا متاحة بلغات مختلفة و بالأحرف الطباعية الكبيرة و بطريقة بريل الخاصة بالمكفوفين (باللغة الإنكليزية فقط) و على شريط كاسيت سمعي أو بصيغة بديلة حسب خيارك.

Tha gach sgrìobhainn againn rim faotainn ann an diofar chànanan, clò nas motha, Braille (Beurla a-mhàin), teip clàistinn no riochd eile a tha sibh airson a thaghadh.

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 : 0141 951 5513