

Permanent His-bundle pacemaker implantation for treating heart failure

Information for the public

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This procedure can only be done as part of a research study. This is because there is not enough evidence to be sure how well it works or how safe it is.

Your healthcare professional should talk to you about the research.

Heart failure is when your heart is not able to pump blood around your body well enough. In this procedure, a wire is inserted through a vein into the heart and attached to its specialised electrical conduction pathway (His bundle). This differs from traditional pacemaker placement, when the wire is attached to heart muscle. The wire is then connected to a pacemaker placed under the skin of the chest, which delivers electrical pulses. The aim is to help the heart pump blood more efficiently.

The [NHS website](#) may have information on your condition and treatment options.

Is this procedure right for me?

You should be included in [making decisions about your care](#).

Your healthcare professionals should explain the risks and benefits of this procedure and how it is done. They should discuss your options and listen carefully to your views and concerns. They should offer you more information about the procedure. Your family or carers can be involved if you want or need them to be.

You will be asked to decide whether you agree (consent) to have the procedure. Find out more about [giving consent to treatment on the NHS website](#).

Some questions to think about

- How many appointments will I need?
- What are the possible benefits? How likely am I to get them?
- What are the risks or side effects? How likely are they?
- Will I have to stay in hospital?
- What happens if it does not work or something goes wrong?
- What happens if I do not want the procedure?
- Are other treatments available?

More information

- [NICE's information on interventional procedures guidance](#) explains what an interventional procedure is and how we assess it.
- [NICE's information on interventional procedures recommendations](#) explains what only in research means.

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