

Transapical transcatheter mitral valve-in-valve implantation for a failed surgically implanted mitral valve bioprosthesis

Information for the public

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There is not enough evidence about how well this procedure works. This type of procedure can cause serious complications. So it can only be done with special arrangements. This means you will have regular appointments afterwards to check how well it is working or if it has caused problems.

When the mitral valve in the heart does not work properly it may be replaced with a bioprosthetic artificial valve (made of biological tissue) through open heart surgery. If a bioprosthetic valve subsequently fails, another valve can be placed inside the first valve using a tube (catheter) inserted through a cut in the chest wall and then through the wall of the heart (transapical). The aim is to replace the faulty valve without needing repeat open heart surgery.

The [NHS website](https://www.nhs.uk) may have information on your condition and treatment options.

You can [search the NHS website for information about consultants and hospitals](#) that offer this procedure.

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 HealthTech guidance](#) explains what HealthTech is and how we assess it.
- [NICE's information on HealthTech recommendations](#) explains what special arrangements are.

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