

Bioresorbable stent implantation to treat coronary artery disease

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.

The coronary arteries supply blood to the heart muscle. In coronary artery disease, they become narrowed with fatty material. This can cause chest pain on exertion and increases the risk of heart attacks. In this procedure, a stent (small tube) is implanted into a narrowed artery to widen it. Unlike permanent metal stents, bioresorbable stents dissolve over a few months. The aim is to increase blood flow to the heart, while reducing the risk of longer-term complications.

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?

Information and support

- [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.

You can also get support from your local [Healthwatch](#).

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