

Coronary sinus narrowing device implantation for refractory angina

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 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.

Angina is chest pain caused by reduced blood flow to the heart muscle. It is refractory when it cannot be controlled using medication, by inserting a small wire-mesh device (a stent) to unblock or widen an artery that supplies the heart or with open-heart surgery. In this procedure, a device is inserted through a vein in the neck. It is guided into the vessel (the coronary sinus) that drains blood from the heart muscle into 1 of the right heart chambers and expanded using a balloon. The device narrows the coronary sinus, which is thought to improve the flow of oxygenated blood throughout the heart muscle. The aim is to reduce chest pain and improve quality of life.

The [NHS website](#) 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 interventional procedures guidance](#) explains what an interventional procedure is and how we assess it.
- [NICE's information on interventional procedures recommendations](#) explains what special arrangements are.

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