

Genicular artery embolisation for pain from knee osteoarthritis

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.

In knee osteoarthritis, new blood vessels can grow from the blood vessel that supplies blood to the knee (the genicular artery). This contributes to inflammation and pain in the knee joint. In this procedure, a tube is inserted into an artery in the groin and passed into the genicular artery. Tiny particles are then injected into the new blood vessels. This blocks them (embolisation) and reduces blood flow around the knee joint. The aim is to reduce pain and improve quality of life.

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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