

Will I be asleep?

Depending your age and the size and number of lesions requiring treatment, Electrosclerotherapy can be performed either under local or general anaesthesia. Your doctor will discuss what is best for you.

Will I need pain relief?

Most people tolerate the therapy well with minimal post-treatment pain but pain levels do vary from patient to patient. If required, your doctor can prescribe medication to help with any pain and you should take this as directed.



Will I need more than one treatment?

Electrosclerotherapy can be repeated as necessary, to improve the response to the treatment, but usually reduces the number of sessions needed compared to normal sclerotherapy.

Who benefits from Electrosclerotherapy?

Patients with vascular malformations as listed, including those not responding or recurring after standard sclerotherapy.

For more information talk to your medical team.

Clinical Nurse Specialist (0113) 392 0930

Monday to Friday 08:00-16:00
(except bank holidays)

Radiology Secretaries (0113) 392 2860

Monday to Friday 08:00-17:00
(except bank holidays)

**Out of hours please email:
leedsth-tr.vascularmalformations@nhs.net**

We endeavour to answer emails
within 48 hours of receipt

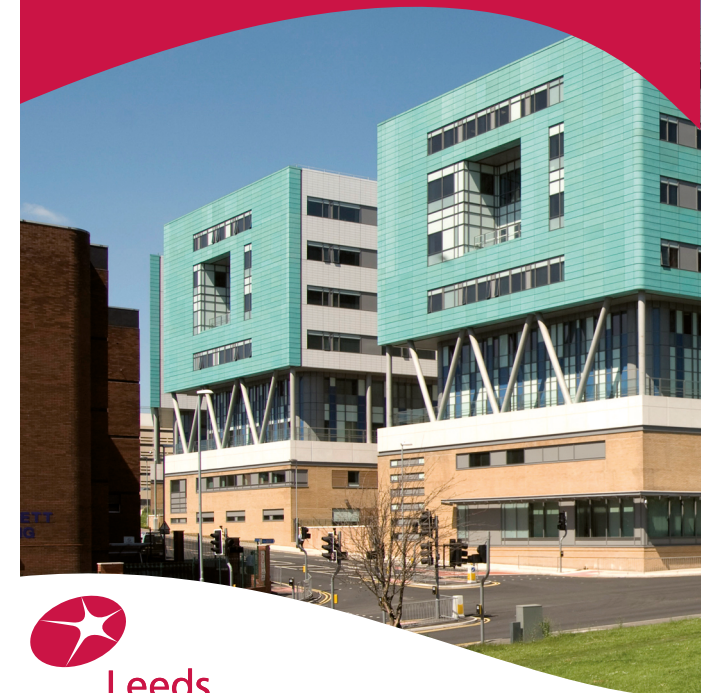
© The Leeds Teaching Hospitals NHS Trust 1st edition (Ver 1)
Developed by: Jonathan Pearce CNS Interventional Radiology And Vascular Anomalies, IGEA Medical
Produced by: Medical Illustration Services
MID code: 20230426_010/EP

Publication date 06/2023 Review date 06/2026

LN005628

Electrosclerotherapy

Information for patients



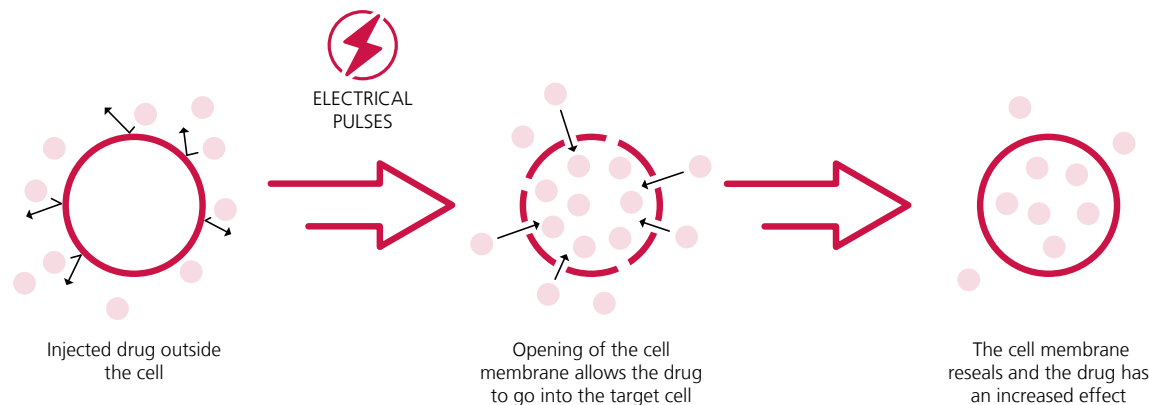
Leeds
Radiology

What to expect from your treatment

You have been told by your doctor that you need Electrosclerotherapy to treat your vascular malformation. This leaflet is designed to answer your questions about the treatment so that you are fully aware of what to expect.

What is Electrosclerotherapy?

Electrosclerotherapy involves the delivery of an electric field after the vascular malformation has been injected with a sclerosing drug. This is done with needles placed into the malformation. The electric field opens "pores" in the cells of the malformation to increase the uptake and the response of the drug. Thanks to that, the dose of the drug and the number of repeat treatments needed are reduced.

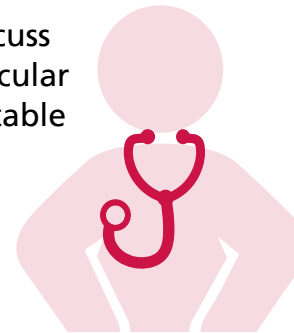


What type of vascular malformation can be treated?

Electrosclerotherapy is used to treat the following types of vascular malformations:

- Venous Malformations
- Macrocytic and microcystic lymphatic malformations
- Some forms of arteriovenous malformations
- FAVAs

Your doctor will discuss with you if your vascular malformation is suitable for this therapy.



What can I expect afterwards?

- There will be swelling and bruising of the treated area for the first days after treatment. This can sometimes last for longer but will disappear again.
- The treated area may look worse before you notice any improvement. This is totally normal and part of the healing process.
- A change in colouration (like a brown stain) can occur in the skin over the treated area and usually fades away within a few months.
- You will be provided with contact information in case you have any questions or concerns.

