

# Lower Limb Arterial Duplex

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## What is it?

A lower limb arterial duplex is an ultrasound scan of the main arteries in your tummy and leg. These arteries deliver blood from your heart to your feet.

## Why have you been referred for this test?

Your doctor, nurse or other healthcare professional suspects you may have a problem with the circulation in your legs.

You may have had symptoms such as:

- Achy/painful/heavy legs when walking, that is relieved when you stop
- Pain/cramps at night time or when you raise your legs up
- Ulcers on your legs

This scan will give us information on whether the arteries in your leg are hardened, narrowed or blocked (reducing the circulation), and this may be the reason for your symptoms.

## What happens during the test?

The scan will be carried out in one of our scanning rooms. You will be asked to remove clothing from your legs. You will be asked to lie on a coach, however if this is not possible the scan can be carried out with you sitting in a chair.

Ultrasound gel and an ultrasound probe will be placed on your tummy and legs.

During the scan you will hear sounds coming from the machine that represent the blood flow through your arteries.

The scan takes 45-90 minutes depending on you are having one or both of your legs scanned. At the end of the scan the operator will inform you of the results and what will happen next.

If you are attending your appointment from home, you are usually free to go home after the scan.

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