

# Temporal Artery Duplex

---

## What is it?

A temporal artery duplex is an ultrasound scan of the arteries on the side of your head and across your forehead.

## Why have you been referred for this test?

Your doctor, nurse or other healthcare professional suspects you may have inflammation in your arteries around your head, called Temporal Arteritis or Giant Cell Arteritis

You may have had symptoms such as:

- Frequent, severe headaches
- Tenderness over the temples
- Painful or achy jaw when eating or talking
- Visual disturbance such as blurred vision or loss of vision

## What happens during the test?

The scan will be carried out in one of our scanning rooms. You will be asked to remove any clothing that prevents access to your temples and forehead. You will be asked to lie on a couch, 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 temples and forehead. Both sides of your head will be scanned.

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

The scan takes 20-30 minutes. At the end of the scan the scientist 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.

---

## VASCULAR SCIENCE UNIT

A225 Bristol Royal Infirmary, Bristol, BS2 8HW  
Tel: 0117 342 7530