

Peripheral Vascular Ultrasound

Purpose

1. To diagnose the disease of the arteries and veins.
2. To detect venous disease.

Procedures

1. You will be asked to remove clothing from below or above the waist, depending upon the procedure, leaving undergarments - on.
2. You will be asked to lie on the table.
3. A conductive gel will be placed over your arms or legs to improve the transmission of sound waves.
4. A small transducer will be held against your body and emit harmless sound waves; these waves bounce off the peripheral vessels and back to the transducer. The transducer sends this data to a computer which translates the information to a monitor. From the monitor the image is stored on a video tape, or a computer. These images are used to see the structures and blood flow of the vessels and any occlusion.

This is a non-invasive, and painless procedure. It does not involve needles or injections.