

If you require translation services or a copy of this document in other languages, audio tape, Braille or larger print, please speak to a member of CWP staff or e-mail cwp.info@nhs.net

আপনার অনুবাদ পরিষেবা বা অন্য ভাষায় এই ডকুমেন্টের একটি কপি, অডিও টেপ, অক্ষর বৃদ্ধির লিখনাদির প্রণালী বা বড় আকারের মুদ্রণ প্রয়োজন হলে, অনুগ্রহ করে CWP কর্মীর একজন সদস্যের সাথে কথা বলুন বা cwp.info@nhs.net এ ইমেল করুন

Os oes angen gwasanaethau cyfieithu neu gopi o'r ddogfen hon amoch mewn ieithoedd eraill, tâp awdio, Braille, neu brint brasach, siaradwch ag aelod o staff CWP neu e-bostiwrch cwp.info@nhs.net

જો તમને ભાષાંતર સેવાઓની જરૂર હોય અથવા અન્ય ભાષાઓ, ઑડિયો ટેપ, ડ્રેઇલ અથવા મોટા અક્ષરોમાં આ દસ્તાવેજની નકલ જોઈતી હોય તો કૃપા કરીને CWP સ્ટાફના સભ્ય સાથે વાત કરો અથવા cwp.info@nhs.net પર ઇ-મેલ કરો

Jeśli wymagane jest tłumaczenie, lub kopia niniejszego dokumentu w innym języku, na kasecie audio, alfabetem Braille'a lub druk większą czcionką, prosimy o skontaktowanie się z członkiem personelu CWP (Organizacja partnerska krajowego systemu zdrowia regionów Cheshire i Wirral) lub przez pocztę elektroniczną: cwp.info@nhs.net

如果您需要翻译服务或者需要该文件的其它版本, 录音磁带, 盲文或大字体, 请和CWP的一位员工提出, 或者发电邮至 cwp.info@nhs.net

यदि आपको अनुवाद सेवाएँ, या इस दस्तावेज़ की प्रति किसी अन्य भाषा, ऑडियो टेप, ब्रैल या बड़े अक्षरों में चाहिए, तो कृपया CPW स्टाफ के सदस्य से बात करें या cwp.info@nhs.net पर ईमेल करें

The information in the leaflet was valid at the date of production Dec 20 and is due for review in Dec 23
Code: F-WIADUS-20-833



What is a Doppler Ultrasound Scan?

Helping people to be
the best they can be

What is a Doppler Ultrasound Scan?

(Usually referred to as a Doppler)

The Doppler test is a safety check and is similar to having your blood pressure taken, but is measured from both your arms and ankles.

The test can be done using either a handheld machine or using a machine that uses dual cuffs to simultaneously take measurements. This machine is called a Microlife ABI.

What do I need to do to prepare for the test?

Please wear something with either loose or short sleeves. You must also be able to roll your trousers up to mid-calf. You may eat and drink normally before the test. For the test you will be asked to remove your socks/stockings and shoes.

What will happen?

An inflatable cuff will be applied to your upper arm and your ankle. You will feel the cuff becoming tight around your arms and ankles as the reading is measured. If you are concerned about this please discuss it with your nurse/clinician.

Hand held Doppler:

You will be asked to lay flat and rest for 20 minutes so your blood pressure settles. It may be a good idea to visit the toilet first to ensure you are comfortable.

You will then have a blood pressure cuff applied to your arm. Instead of using a stethoscope the Doppler sensor/probe is used to listen to your blood flow. To allow the sensor/probe to pick up a signal a small amount of gel is used on your skin

When the pressure is being measured you will be able to hear the sound of your blood as it moves through the blood vessels on the Doppler.

This will be carried out on both arms and legs. You may only have a problem with one leg, but it is important that the blood flow in both legs is checked.

Microlife ABI:

No rest period beforehand is required for this test. Cuffs are placed on both arms then inflated while a baseline blood pressure reading is taken.

One cuff stays on the arm while the other cuff is then placed on an ankle and the cuffs are inflated again. A reading is taken. This process is repeated on the other ankle.

The end reading from your test will allow your nurse/clinician to decide if you are suitable for compression bandaging/hosiery or if further investigations are appropriate.

The results of the test will be forwarded to your GP.

Please contact the clinic if you have any queries on:

0151 488 8467

People who access our services are welcome to talk to the Team Manager if they are experiencing any problems with their care.