

## Doppler (Ankle Brachial Pressure Index–ABPI) Assessment clinical competency

Name:	Role: <b>Band 5/6/7</b>
Base:	Date initial training completed:

**Competency Statement:**

The participant demonstrates clinical knowledge and skill in Doppler assessment without assistance and/or direct supervision (level 3 - see level descriptors). Assessment in practice must be by a Registered Nurse who can demonstrate competence at level 3 or above.

Performance Criteria	Assessment Method	Level achieved	Date	Assessor/self assessed
<b>The Participant will be able to:</b>				
<b>1. Demonstrate the knowledge and skills to perform Doppler (APBI) assessment</b>				
a) Describe the Trust guidelines for ABPI assessment	Questioning			
b) Describe the indications for undertaking ABPI and the anticipated outcomes	Questioning			
c) Describe the contra-indications/precautions for undertaking ABPI	Questioning			
d) Describe what equipment is required for undertaking ABPI, and which gel should be used	Questioning			
e) Explain to the patient the reasons for having an ABPI completed and distinguish between arterial and venous blood flow	Questioning			
f) Explain and identify the difference between mono-phasic, biphasic and tri-phasic sounds	Questioning			
g) Locate/name the 4 pedal pulses	Questioning / observation			
e) Understand the need to gain consent and maintain privacy and dignity throughout the procedure	Questioning			
f) Calculate the ABPI	Questioning			
g) Discuss the reason for resting and positioning the patient prior to undertaking ABPI	Questioning			
h) Discuss when to use a 5 MHz or an 8MHz probe? What is the difference	Questioning			

Performance Criteria	Assessment Method	Level achieved	Date	Assessor/self assessed
i) Discuss how to interpret the results and understand the significance	Questioning			
j) Discuss the appropriate referral pathways depending on the ABPI	Questioning			
k) Explain why the ABPI is only part of the leg ulcer assessment.	Questioning			
<b>2. Demonstrate the practical skills necessary to perform Doppler (APBI) assessment</b>				
a) The participant can demonstrate undertaking a formal ABPI assessment and the describe the anticipated outcomes	Observation			
b) The participant demonstrates what equipment is required for undertaking ABPI, which gel should be used and infection control procedures	Observation			
c) The participant demonstrates the need to gain consent and maintain privacy and dignity throughout the procedure	Observation			
d) The participant demonstrates and understands the position, rest time and management of the patient and their leg ulcer prior to the procedure.	Observation			
e) The participant demonstrates competency in documenting a formal ABPI assessment	Observation			

Source: Tissue Viability Team

Date all elements of Competency Tool completed to level 3 \_\_\_\_\_

Registered Nurse \_\_\_\_\_ Signature \_\_\_\_\_ Status \_\_\_\_\_ Date \_\_\_\_\_

I confirm that I have assessed the above named individual and can verify that he/she demonstrates competency in Doppler assessment

Assessor \_\_\_\_\_ Signature \_\_\_\_\_ Status \_\_\_\_\_ Date \_\_\_\_\_

