MESI Ankle Brachial Pressure Index (ABPI) Medical Device (MD)

- ABPI MD is a medical device used to diagnose a critical disease.
- The device must be used according to the manufactures instructions at all times.
- Having completed this assessment, users will be able to demonstrate competency with the equipment to ensure correct application.

Name		Job title		
Location				

Using the device	Date of Education received and over 80% pass achieved	Date application observed	Date application supervised	Date application supervised in practice (if required)
Charge the MD				
Use the main screen				
Recall the history				
Apply the amputation settings				
Discuss how to action error messages				
Use the "i" button for map of pressures				
PWF (Pulse Wave Form) button				
Awareness of the contraindications: Deep Vein Thrombosis, Cellulitis and Severe ischaemia.				
Patient Assessment				
Verbally informed consent gained				
Procedure explained to patient				
Room temperature is comfortable				
Privacy and dignity maintained				
Tight or restrictive clothing removed				
Patient correctly positioned -lying down. If this is not possible document the position achieved				
Cuffs correctly attached to the device				
Bladders in the cuffs are not inflated or twisted prior to use				
Place the arm at a 90 degree angle away from the body for the cuff application (5cm above elbow flexure)				
Correct cuffs are applied to the correct limb				
Correct cuff size for each limb is selected				
Position the cuffs correctly as per indicators on the cuffs				
Patient to remain still and refrain from talking during the measurement process				
Press the start button				
When the recording is complete remove the cuffs				
Clean the cuffs and fold using the 3 fold method				
Interpretation of the colour values (RED – possible PAD, YELLOW – borderline ABPI, GREEN – normal ABPI)				

Signature of Assessor		Date		Re-assessment Date	
Signature of Participant		Date		Re-assessment Date	

Developed by The Skin Integrity Team, Tissue Viability and Lymphoedema Service and RDaSH community Practice Educators.