

Quick Reference Guide

Dopplex Ability



1. Getting Started

1. Connect to main power supply

2. Press Function Buttons

3. Connect color-coded tubing

2. Cuff Placement

Patient Preparation – Fitting infection control barrier sleeves

NOTE: Remove any trapped air before tightening cuffs.

WARNING: To reduce the risk of cross infection, it is recommended to always use the infection control barrier sleeves provided with *Dopplex Ability*.

WARNING: Do not apply cuff directly to non-intact skin. If a wound is present, ensure a suitable wound dressing is applied, followed by an infection control barrier sleeve.

Cuff Fitting and Placement

YELLOW - LEFT ARM

GREEN - LEFT ANKLE

RED - RIGHT ARM

BLACK - RIGHT ANKLE

CAUTION: Ensure all cuffs are fitted correctly and aligned on limbs according to the instructions. Measurement error may occur if cuffs are fitted incorrectly.

Proper Cuff Placement

Range	Arm	Leg/Foot	Foot Position
<p>Adult 22cm - 36cm (8.7" - 14.2")</p> <p>Min Max</p>	<p>Place strap with white line over the inside of the arm. (Over Brachial Artery)</p> <p>Place distal chamber just below elbow on largest diameter part of the forearm</p> <p>Infection control barrier sleeve</p> <p>NOTE: Remove any trapped air before tightening cuffs.</p>	<p>Infection control barrier sleeve</p> <p>NOTE: Remove any trapped air before tightening cuffs.</p> <p>Ensure strap is fitted on top of the foot (over Anterior Tibial Artery)</p>	<p>Ensure patient's heel is resting on a solid surface. Do not rest the leg on the cuff, as this may affect measurement result.</p>

Incorrect Cuff Placement

Ensure the cuffs are fitted in the correct orientation.

Ensure the cuffs are not rotated around the limb.

WARNING: Measurement error or failure to take correct measurement may occur if cuffs are fitted incorrectly. Take great care to ensure that the tubing is not kinked or obstructed in any way. Do not touch cuffs or tubing when measurement is in progress.

3. Performing the Test

Press to progress to cuff placement screen.

Verify that the cuffs are positioned correctly.

Press to start measurement.

NOTE: Press to stop the test at any time.

WARNING: The patient must lie supine, be relaxed, remain still, and refrain from talking, coughing, etc. Always brief the patient before the test, explaining that the cuffs will tighten, and the test will take approximately 3 minutes to complete.

PLEASE NOTE! For clarity purposes, the following illustrations show limbs unclothed. Cuff can be fitted and measurements taken over thin clothing such as pantyhose, thin shirts and thin socks. Cuffs cannot be fitted over heavier clothing such as sweaters, jeans or pants.

CAUTION: Always remain with the patient and monitor test progress.

4. Viewing the Results

1. The results will be displayed within 3 minutes.

2. Press to print results.

3. Press to show PVR waveforms.

4. Press to return to previous screen or to print PVR waveforms.

5. Press to view the ABI Classification.

CAUTION: Always observe ABI value, not only classification, as marginal results could be overlooked.

CAUTION: Systolic pressures are displayed for information only, and should not be used to form a clinical diagnosis.

5. "Printing" or "New Test"

Press to print or to start a new test.