



## PULSE WAVE VELOCITY/ ANKLE-BRACHIAL INDEX DATA SHEET

ID NUMBER:

FORM CODE: 

P	W	V
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DATE: 03/26/2012  
Version: 1.0

### ADMINISTRATIVE

0a. Date PWV/ABI performed 

		/			/				
Month			Day			Year			

 0b. Technician ID 

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**Instructions:** The measurements collected on this form are keyed directly into the Data Management System (DMS) first. The height and difference will auto-populate into the PWV/ABI form. The PWV/ABI technician then enters the height (#1) and the difference (#4) into the PWV/ABI data system.

1. Height cm (from ANT 3C) .....	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				cm
2. Carotid-femoral distance .....	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				cm
3. Suprasternal notch – carotid distance .....	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			cm	
4. Difference in distance .....	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>				cm

5. Notes: \_\_\_\_\_  
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## INSTRUCTIONS FOR THE PWV/ABI DATA SHEET (PWV)

### I. General Instructions

The Pulse Wave Velocity/Ankle Brachial Index Form (PWV) is completed in the DMS following the Anthropometry measurement and completion of the ANT form, since question 1 of the PWV will populate from that form. The DMS will need to be readily available in the exam room where the ABI/PWV test is performed and the ABI/PWV machine is located.

### II. Detailed Instructions for Each Item

- 0a. Enter the date the ABI/PWV measurements were collected in the clinic.
- 0b. Enter the staff ID of the person who is collecting the measurements.
  - 1. The height value auto-populates from question 3c of the ANT form.
  - 2. Carotid-femoral distance is measured and entered into the DMS in centimeters. The range for the measurement is 40-80 cm. Round down to the nearest whole centimeter. (For example, a measurement of 75.7cm would be rounded down to 75cm.)
  - 3. Suprasternal notch – carotid distance is measured and entered into the DMS in centimeters. The range for the suprasternal notch – carotid distance is 5-20cm. Round down to the nearest whole centimeter. (For example, a measurement of 13.3 would be rounded down to 13.)
  - 4. This field is calculated by the DMS as the difference in the distances measured in items 2 and 3 in whole centimeters.
  - 5. Record comments or problems taking the measurements.