

# Quick Guide for doing an ABI Test

Connect the four cuffs to the patient as per the cuff descriptions.

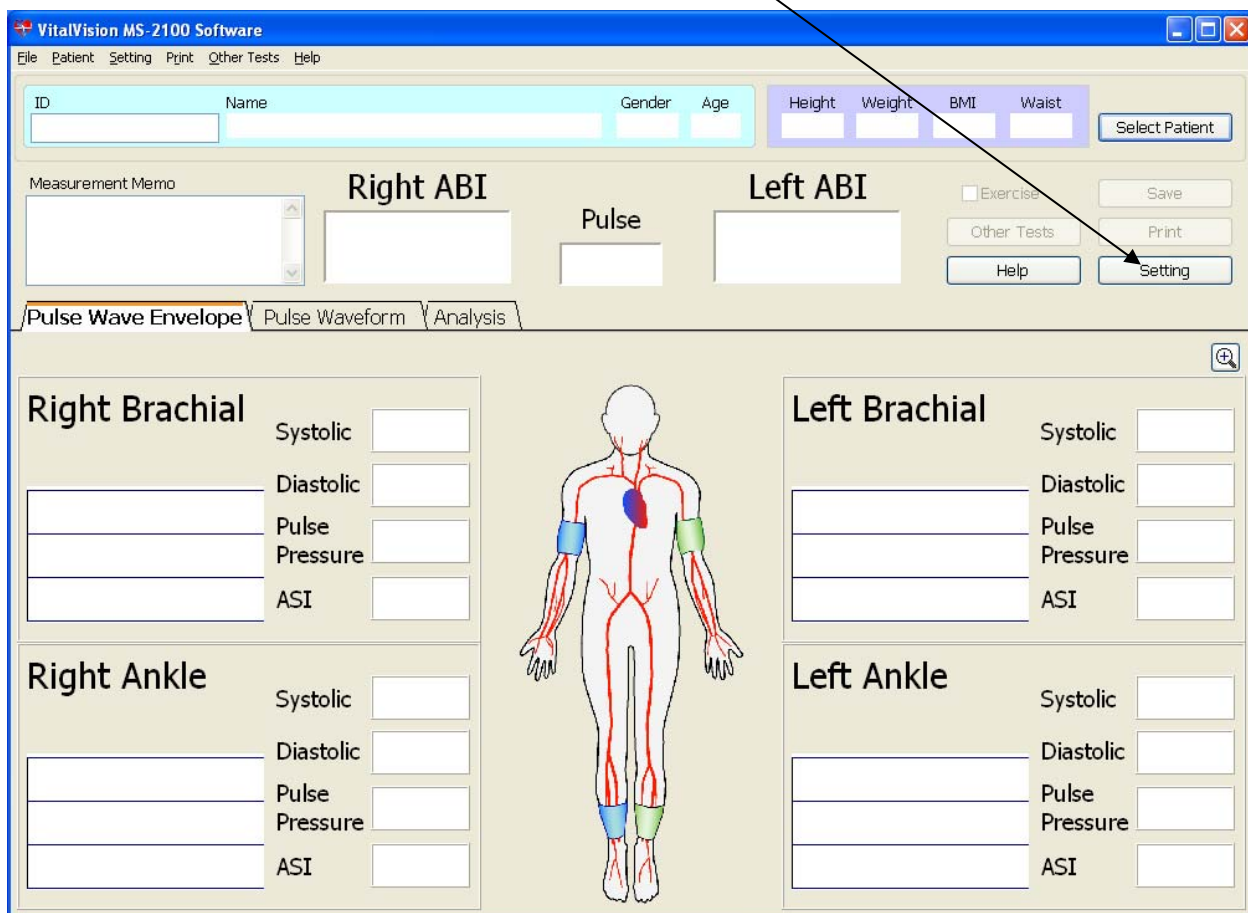
Set the 4 device knobs to “Auto” – unless there is an amputee – then switch that limb “off”

Connect ABI unit to computer, via USB, then turn the unit on.

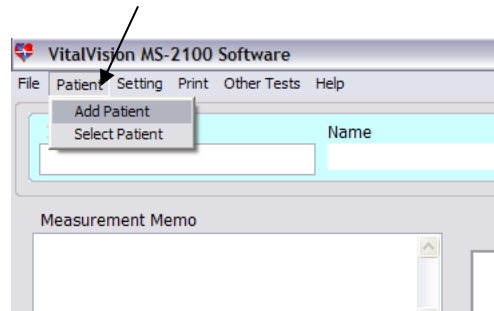
Open software from desktop ICON on the computer “VitalVision MS-2100 V1.0”



*Note: When software is open (below) Check the setting field is not flashing – if flashing then correct port needs to be assigned. If not flashing, then the computer is communicating with the ABI device.*



Go to “Patient” and select “Add Patient”



Add Patient window opens:

Patient Information

ID  
1

Name(\*)  
Jayden

Gender(\*)  
 Male  Female

Date of Birth(\*)  
1988 4 20

Age(\*)  
23

Comment

Height 187.0 cm Weight 63.0 Kg BMI 18.0 Waist 76.2 cm

(\*) Denotes required fields.

OK Cancel

1. Enter Patient ID Number
2. Enter Name
3. Enter Gender
4. Enter Date of Birth (YYYY//MM/DD)
5. Check Age
6. Enter Height
7. Enter Weight
8. Enter Waist
9. Click Ok
10. Click Recall to return to the main screen with this patient

Press the Start button.

At the end of the study a window may appear indicating issues with readings. Read and attend to these (usually these can be resolved by refitting the cuff where the issue is reported) then repeat the test.

Note: Once the warning message is closed another window will show “test complete”.

# Viewing & Printing Results

The screenshot shows the VitalVision MS-2100 Software interface. At the top, patient information is displayed: ID 98723, Name Jeff Abrahams, Gender Male, Age 61, Height 164.0, Weight 87.0, BMI 32.3, and Waist 110.0. The main display area shows measurement results for Right ABI (1.12), Left ABI (1.03), and Pulse (80). Below this, there are sections for Right Brachial and Left Brachial measurements, and Right Ankle and Left Ankle measurements. Each section includes a pulse wave graph and numerical values for Systolic, Diastolic, Pulse Pressure, and ASI. A central diagram of a human figure shows the placement of sensors on the arms and ankles. At the bottom right, there are buttons for 'Save', 'Print', and 'Help'. An arrow points from the 'Print' button to the text below.

When study is complete, press the “print” button to view the results of the study.

The screenshot shows the 'Print Out' window. It displays a detailed report for patient Mr. Jeff Abrahams. The report includes patient information, a table of measurements, and a PAD Test Result section. The PAD Test Result section shows Right ABI 1.12 and Left ABI 1.03. The report is formatted for printing, with a printer selection dropdown set to 'EPSON Stylus CX6500 Series'. The 'Print' button is highlighted. An arrow points from the 'Print' button to the text below.

Name	Mr. Jeff Abrahams	ID	98723										
Date / Time	2012/06/01 14:34	Gender	Male	Age	61yrs	BMI	32.3	Height	164.0	Weight	87.0	Waist	110.0

Measurement Result	
R-Brachial	L-Brachial
ASI	ASI

PAD Test Result	
Right ABI	Left ABI
1.12	1.03

To save a jpeg image of the report, tick the “jpeg image output file” then print and save it to your preferred output folder.