

# Quick Guide for doing an ABI Test

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

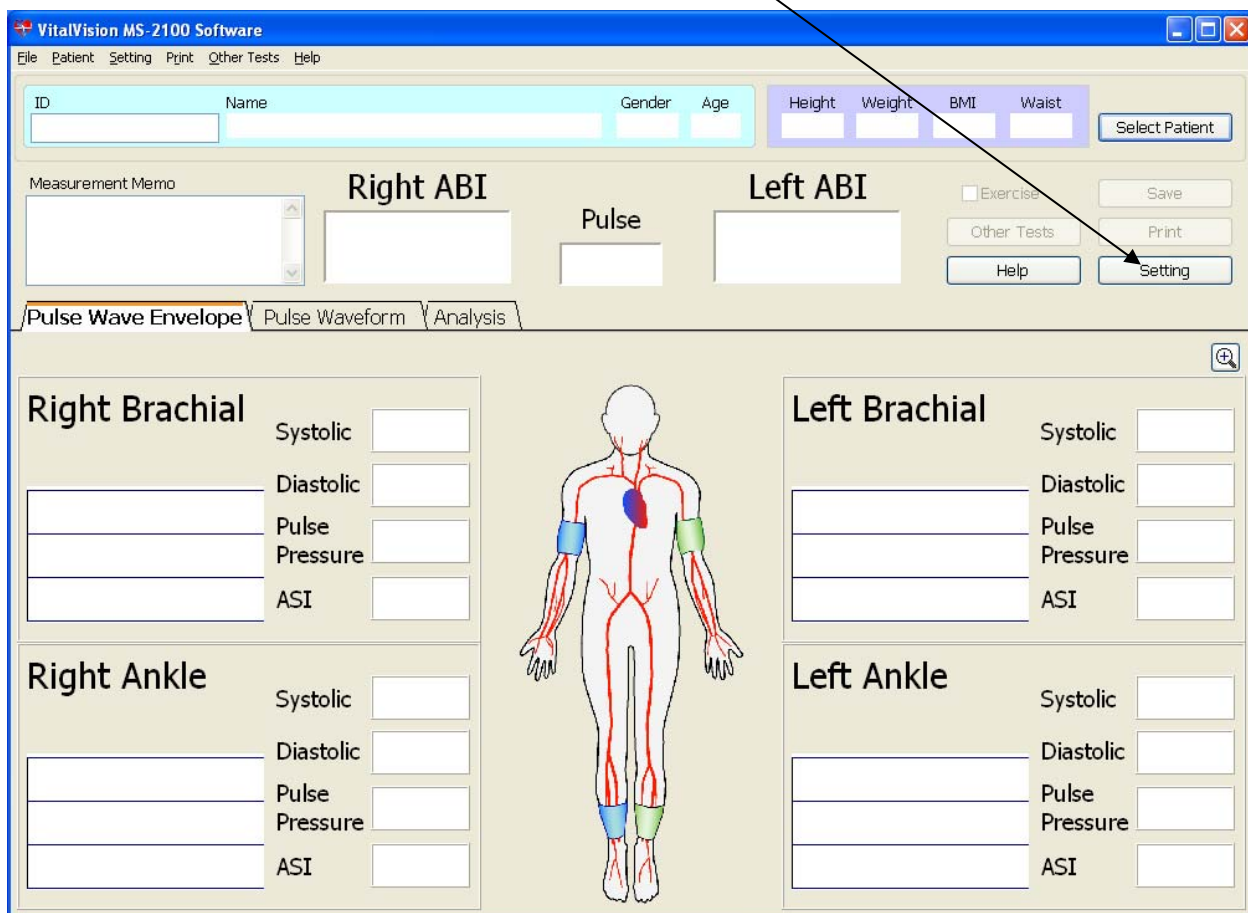
Set the 4 device knobs to “Auto” – unless there is an amputee – then switch that limb “off”

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

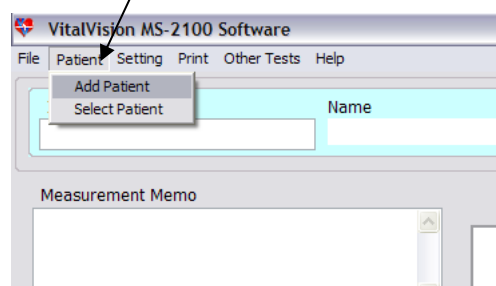
Open software from desktop ICON on the computer “VitalVision MS-2100 V1.0”



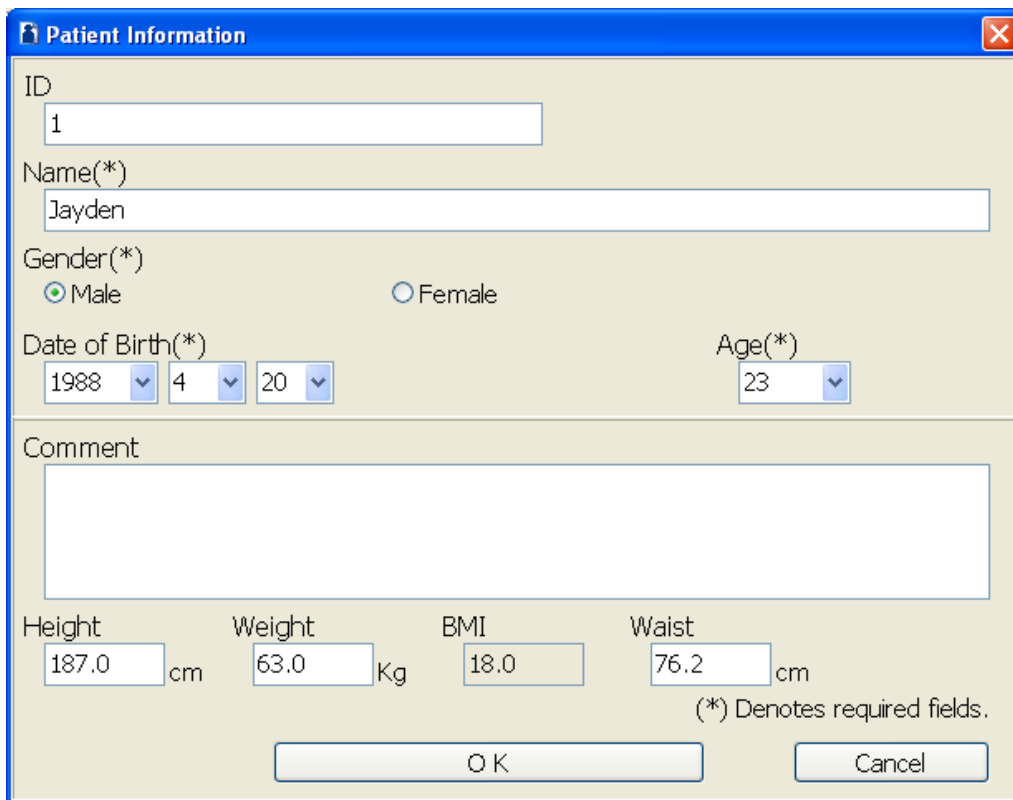
*Note: When software is open (below) Check the setting field is not flashing – if flashing then correct port needs to be assigned. If not flashing, then the computer is communicating with the ABI device.*



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) and Left ABI (1.03), along with a Pulse of 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 envelope 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 of the main display, there are buttons for 'Save', 'Print', 'Other Tests', 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 (Name, ID, Date/Time, Gender, Age, BMI, Height, Weight, Waist) and measurement results for R-Brachial, L-Brachial, Right ABI (1.12), and Left ABI (1.03). The report is titled 'VITAL VISION Pulse Wave Analysis Report'. On the right side, there are printer settings for an EPSON Stylus CX6500 Series printer, including form size, margins, resolution, and magnification. A checkbox for 'JPEG image output to File' is visible and unchecked. At the bottom, there are 'Setting' and 'Print' buttons. An arrow points from the 'Print' button to the text below.

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