

INSTRUCTIONS FOR USE

Vascular Reporter

dopplex® Vascular Reporter



Table of Contents

| | |
|------------------------------------|-----------|
| 1. Safety | 3 |
| 2. Introduction | 4 |
| 2.1 Product Overview | 4 |
| 2.2 Intended Use | 4 |
| 2.3 Contraindications | 4 |
| 2.4 Package Contents..... | 4 |
| 2.5 Hardware Requirements..... | 4 |
| 2.6 Software Requirements..... | 5 |
| 2.7 Installation of Software | 5 |
| 2.8 Training Tutorial | 5 |
| 3. Getting Started | 6 |
| 3.1 Starting the Program | 6 |
| 3.2 Create New Patient | 6 |
| 3.3 Doppler Application..... | 7 |
| 3.3.1 Auto Gain Control..... | 8 |
| 3.4 PPG Application..... | 9 |
| 3.5 Import from DMX..... | 9 |
| 4. Printing | 11 |

SERVICE HELPLINE

In USA: 1-800-323-1245 option 2

Dopplex and Huntleigh are registered trademarks of Huntleigh Technology Ltd.

Microsoft and Windows are registered trademarks of Microsoft Corporation.

As our policy is one of continuous improvement, we reserve the right to modify designs without prior notice.

1. Safety



Data protection & patient confidentiality

Due to the flexible, user configurable nature of Vascular Reporter, the system administrator is responsible for ensuring compliance with any local, national or other regulatory requirements relating to patient information, the storing, displaying and archiving of such data, and access to such data.



Data integrity

At all times, clinicians must retain full responsibility for appropriate management of any situation. Vascular Reporter is designed as an information system intended to present information to assist clinicians in delivering the highest possible standard of care, not to replace established clinical practice. All users are responsible for ensuring the accuracy of entered data, and for confirming that it has been correctly logged.



Date / Time

All real time data streamed to the PC is time stamped using the PC system clock. All DMX data stored on the memory card and transferred to the PC is time stamped by the DMX clock. If the PC system clock or DMX clock is incorrectly set, the logged times will reflect this error. The user is responsible for checking that the date & times are correct. If the PC time is incorrect, advise the system administrator immediately. If the DMX clock does not match the PC clock, use the option 'set time on DMX' in the 'manage files on DMX' option.



Patient details

Any patient names, demographic or other data appearing in this document are for demonstration purposes only and are purely fictitious. Any similarity this data may have to any real person is purely coincidental.

2. Introduction

2.1 Product Overview

Thank-you for purchasing the Huntleigh Healthcare dopplex® Vascular Reporter software package.

The Vascular Reporter has been designed to operate with the dopplex® DMX bi-directional Doppler and will display bidirectional velocity/time waveforms obtained from various vessels. Data can be archived and a printout can be obtained for patient notes.

2.2 Intended Use

The Vascular Reporter is not a stand alone medical device - it can only be used with the DMX Doppler to display, archive and print Doppler waveforms and PPG pressures produced by the DMX.

It's primary intended uses include:

- Transfer of real-time Doppler waveforms
- Displaying, archiving and printing of waveforms and PPG pressures
- Transfer of real-time PPG waveforms and pressures
- Transfer of data stored on the DMX memory card

2.3 Contraindications

Vascular Reporter is not intended to be used as a stand alone diagnostic tool. Information displayed should be used in conjunction with clinical judgement before a diagnosis is made.

2.4 Package Contents

The following items should be contained within the software package:

1. License agreement and Vascular Reporter download link
2. Instructions for Use.
3. 10ft USB - micro USB cable for connection to the DMX.

2.5 Hardware Requirements

The minimum hardware requirement is a Pentium PIII computer with 1GB of memory. The complete program will require at least 10GB of hard disk space.

2.6 Software Requirements

The software requires Microsoft™ Windows™ W7, W8.1 or W10 to be installed on the computer prior to use. (See 'Installation of Software' section).

2.7 Installation of Software

Microsoft Windows must be installed on your computer prior to installing Vascular Reporter. If you require a copy of Windows, this can be obtained from your local computer dealer. To install Windows, follow the installation guide provided by Microsoft.

To install Vascular Reporter onto your hard disk:

1. Follow the link listed in the License Agreement. Download Vascular Reporter and start installation.
2. As the installation proceeds, Vascular Reporter prompts you to confirm or to provide information. The installation program provides default information, which you can accept or change.
3. The program will then be loaded onto the hard disk of your computer and the message 'Setup Completed' will appear.
4. Any previous version will not be overwritten by Vascular Reporter.
5. Existing patient files recorded with DR3 or DR4 cannot be viewed on Vascular Reporter unless they have been converted using the DR4-Vascular Reporter conversion tool.
6. If you encounter any difficulty with installation of the software, telephone our Helpline number, email our Service Dept. shown on the Contents page or contact your supplier.
7. Connect the cable provided to the USB port of your computer and to the DMX before starting Vascular Reporter.

2.8 Training Tutorial

A tutorial covering all features and functions of Vascular Reporter is available on YouTube, Huntleigh Vascular Reporter.

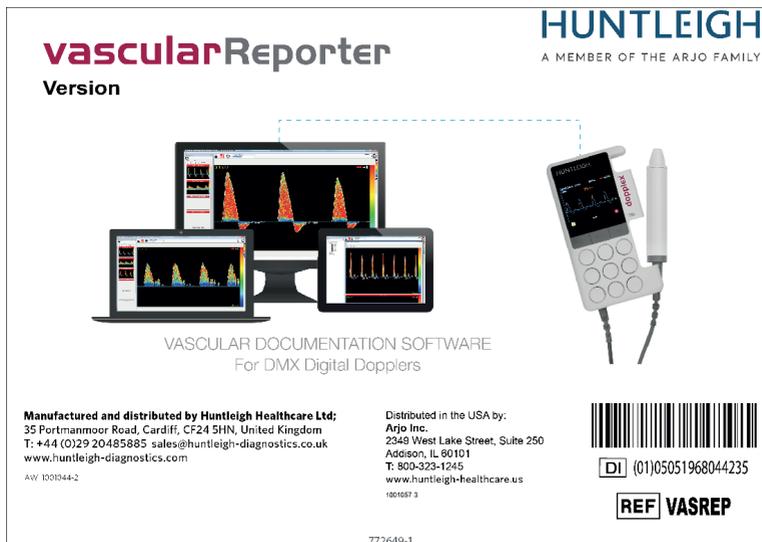
3. Getting Started

3.1 Starting the Program

Connect the USB cable to the DMX Doppler and PC before starting the Vascular Reporter program. To start the Vascular Reporter program, double click on the desktop

icon , or click once and press <Enter>.

The introductory window will be displayed as shown below:



3.2 Create New Patient

Select the Patient Menu icon , then the Create New Patient icon . The Patient Details window will appear.

Enter the information in the boxes, using the <Tab> key or mouse to move from box to box.

Note: The GP information has to be entered first using the  icon.

3.3 Doppler Application

Connect a DMX to the PC using a USB cable.

Turn on the DMX and ensure the Doppler symbol is green .

If the Doppler symbol is red , the DMX software needs to be upgraded. Contact your local distributor or Huntleigh.

Note:
It may take several seconds to establish connection.

If the Doppler symbol does not change to green, switch off the DMX, unplug the USB cable and exit Vascular Reporter. Reconnect the cable, start Vascular Reporter and switch on the DMX.

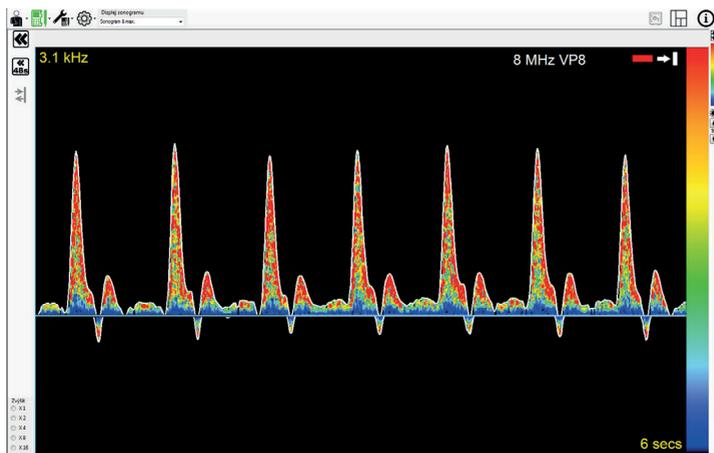
Select the Patient Menu icon , then New Patient Test .

Select a profile from the list e.g. Foot Clinic.

Start recording a Doppler waveform by pressing play (button1 DMX) or PC 'space bar'.



The Doppler waveform should be displayed as a colour spectrum with a maximum frequency envelope.



Stop the Doppler waveform by pressing stop (button1) or space bar.

Press tick (button1) or enter key to save waveform in profile window.

Restart real time waveform by pressing play (button1) .

Continue to collect Doppler waveforms and save in all the vessel boxes.

Select Edit Test Details icon  , and enter Referred By, Performed By and Test Summary text.

Select Save Changes icon  , to save completed profile to the database.

3.3.1 Auto Gain Control

If the Auto is selected, the Doppler waveforms will automatically be adjusted in height after every screen. The waveform height is therefore optimised to between half and full scale.

3.4 PPG Application

Connect a DMX to the PC using the USB cable provided.

Turn on the DMX and ensure the Doppler symbol is green 

Select the Patient Menu icon , then New Patient Test 

Select a profile from the list e.g.PPG Toes.

When Right Great Toe is displayed, a message requesting the probe to be changed should be displayed. Change Doppler probe to PPG adaptor.



Start recording a PPG waveform by pressing play (button1) or space bar.

Continue to make a digit pressure measurement and the resultant waveform and pressure should be displayed.

Press save (button1) or enter key to save waveform in profile window.

Continue to make another digit pressure measurement and the resultant waveform and pressure should be displayed.

Press save (button1) or enter key to save waveform in profile window.

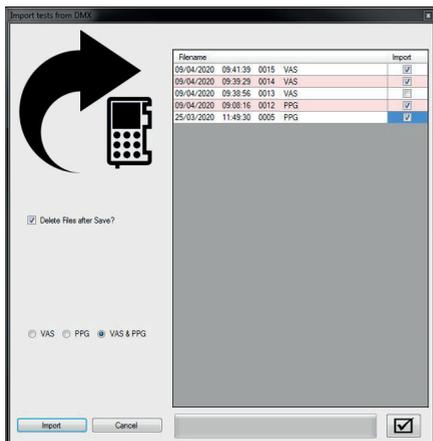
Select Edit Test Details icon , and enter Referred By, Performed By and Test Summary text.

Select Save Changes icon , to save completed profile to the database.

3.5 Import from DMX

Select Doppler Menu icon , then Import From DMX icon 

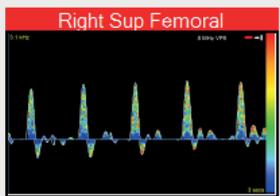
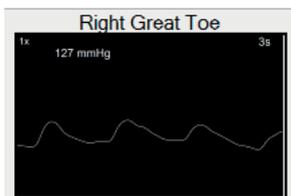
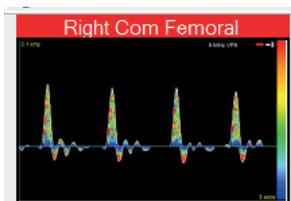
Select VAS (Doppler) and/or PPG files to be imported. Select Import.



Select profile – Foot Clinic.



Select Arrange Windows icon, and click and drag stored waveforms into relevant Doppler and PPG waveform boxes.



Select Save Changes icon, to save completed profile to the database.

4. Printing

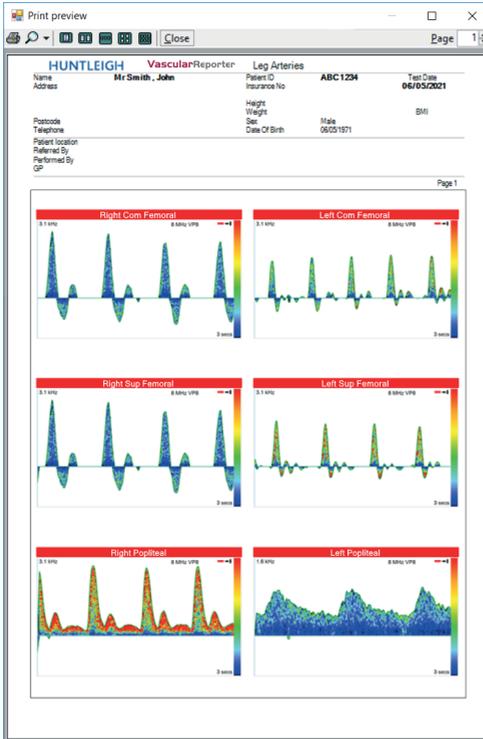
A patient test report can be printed by opening up a previously stored patient test or while in the live waveform screen.

Select the Printer icon  .

A print window will be displayed which will allow the user to select the required printer.

Select 'OK' to bring up a print preview window.

This will allow a review of all pages of the report before sending to print.



Select Print icon , to print out the report.

As a proud member of the Arjo family, we have been committed to supporting healthcare professionals in improving outcomes and enhancing patient wellbeing since 1979. We do this through our proven solutions for Vascular Assessment & Treatment and Fetal & Patient Monitoring. With innovation and customer satisfaction as our guiding principles, we strive for clinical excellence and improved performance, for life.

Distributed in the USA by:

Arjo Inc..

2349 West Lake Street, Suite 250 Addison, Illinois 60101

T: +1 (800) 323 1245 F: +1 888 594 2756

www.huntleigh-healthcare.us

Registered No: 942245 England & Wales. Registered Office:

ArjoHuntleigh House, Houghton Hall Business Park, Houghton Regis, Bedfordshire, LU5 5XF

©Huntleigh Healthcare Limited 2015-2020

A Member of the Arjo Family

® and ™ are trademarks of Huntleigh Technology Limited

As our policy is one of continuous improvement, we reserve the right to modify designs without prior notice.

AW:1001047-3

HUNTLEIGH