

# SPHYGMOCOR VERSION 7.1

Release Notes



## PWA

### Reports

- The “No Processing” method can be selected on the PWA Recalculate Form
- Clinical Report Screen:
  - Heart Rate Corrected Augmentation Index and Augmentation Pressure displayed on the Central Clinical Parameters panel and graphs
  - Augmentation Pressure graphed relative to population normals. Refer to Tech Note (TN15) regarding changes to Population Normals.
- Detailed Report Screen:
  - Operator Index added
- Printed Clinical Report:
  - Addition of Operator Index
  - Augmentation Index and Augmentation Pressure displayed on the Pressures panel
  - Heart Rate Corrected Augmentation Index and Augmentation Pressure displayed on the Central Clinical Parameters panel and graphs
  - Augmentation pressure graph displayed
- Printed Detailed Report:
  - Operator Index displayed

### Quality Control

- Quality Index has been enhanced and calculated differently and called the Operator Index.
- “Inconclusive” is set when any one of the following conditions is true, in this priority order:
  1. Central T1 < 80 OR Central T1 > 150
  2. Peripheral T1 < 80 OR Peripheral T1 > 150
  3. Correspondence of Aortic T1 and Peripheral T1 ratio < 70%
  4. Operator Index < 65
- The Operator Index is exported.
- A yes/no Inconclusive field is exported

## PWV

- ECG and Pressure waveforms are written to a text file if an error occurs during calculation. The file is stored in the Export directory and titled “pwv\_session\_surname\_datetime.txt”.

### Reports

- When creating a PWA report:
  - Radial reports are created first and the calculated Aortic pressures are displayed
  - Subsequent Carotid reports are calibrated from the Aortic pressures
  - The user has the choice of using the Carotid or No Processing methods when creating Carotid reports

## GENERAL

- Measurement Units – Metric or Imperial – can be selected.
- Selecting Imperial displays all heights and weights in feet, inches and pounds respectively.