

Cardioview 5 version 5.0.0.110

January 2012

Health one Version 7.2.2.1393

The Biolog ECG used the software Cardioview version 4. This integrated well within Health one. Hibernia Medical are the main suppliers of the biolog/cardioview in Ireland. The company in the UK that distributes to Hibernia are called Numed.

Cardioview 4 has been replaced in late 2011 by an updated version, Cardioview5. This version of Cardioview does not integrate with Health one until version 7.2.2.1395 of Health one.

Below is a technical description of How Health one works with Cardioview 5.

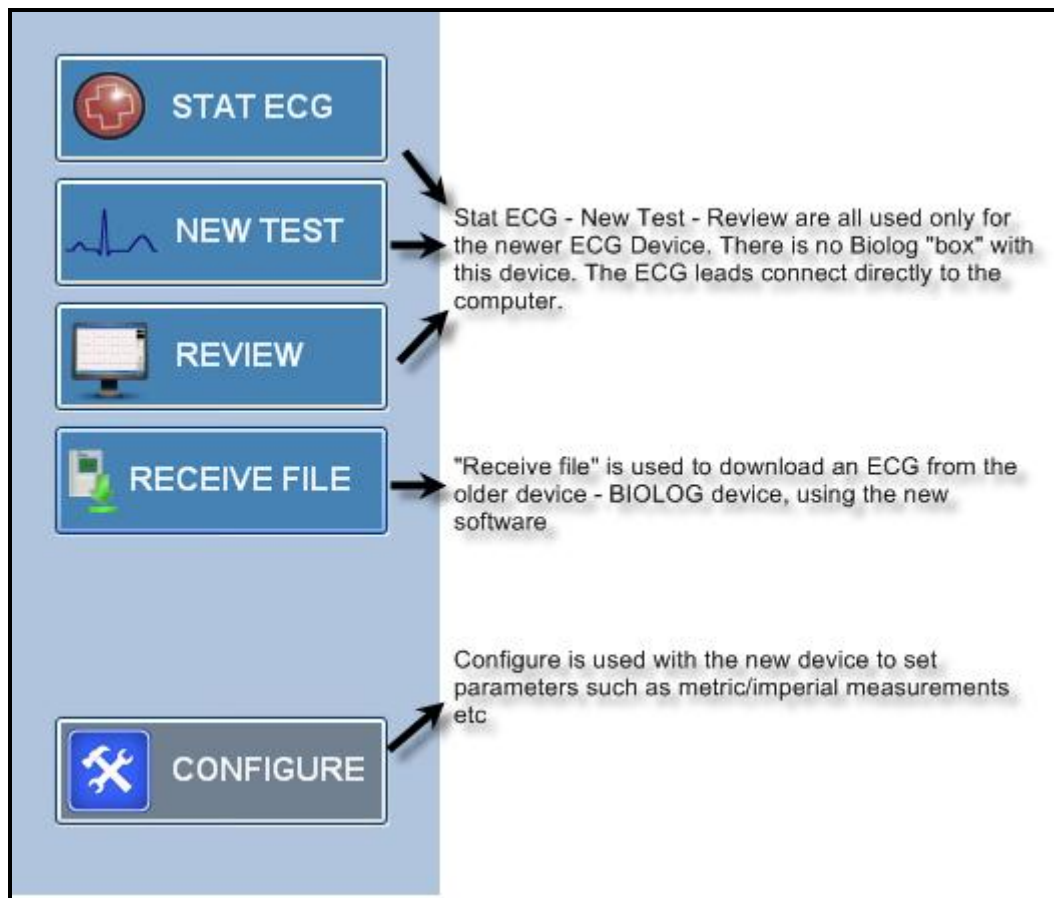
1. Health one has a new DLL, Cardioview5.dll, which is specifically designed to work with cardioview 5 software.
2. The following cardioview5 files have to be installed in the Honewin\bin directory.
ECG.dll MMISYS32.dll MMISYSEN.dll
These files will be copied by Health one when it opens, from the cardioview directory, if they exist.
3. Cardioview5.dll (Health one file) must be registered on windows. **The setup will do this**
c:\honewin\bin\RegAsm.exe c:\honewin\bin\HoCardioViewV5.dll /tlb /codebase
4. The file Spiro_Cardio5.xml (health one file) should be available for the user to import via the Config tool. **The setup will copy this file to the honewin\temp dir**
See appendix for cardioview.xml
5. The user should import this external device xml via the configuration tool
6. Health one will deliver the patient demographics (surname;First Name;Sex;DOB;ID number) to cardioview via the cardioview dll "ECG.dll"
7. Cardioview will create a file called "cardioview5.scp" in the windows temp dir. This file will contain the ECG trace, the measurements, the patient demographics and the interpretation. Cardioview will also export a pdf file with the above information to the windows\temp dir
8. Health one will take both the scp and pdf files and integrate them to the Transaction using the cardioview5.dll (Health one file)
9. Health one will extract the measurements and interpretation from the SCP file and integrate these also to the current transaction
10. Note health one will not auto create a new transaction

USER INSTRUCTIONS FOR CARDIOVIEW 5 SOFTWARE USED WITH BIOLOG 3000

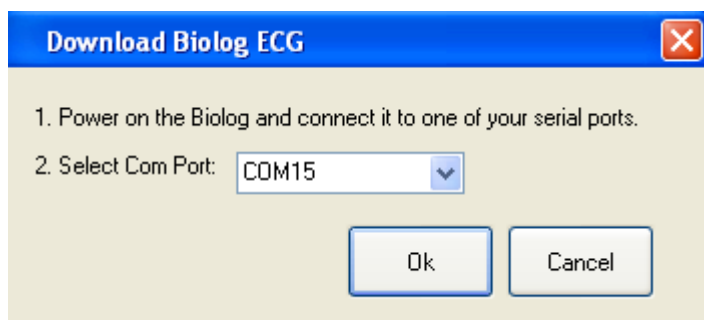
Biolog 3000 ECG Device used with Cardioview5 Software

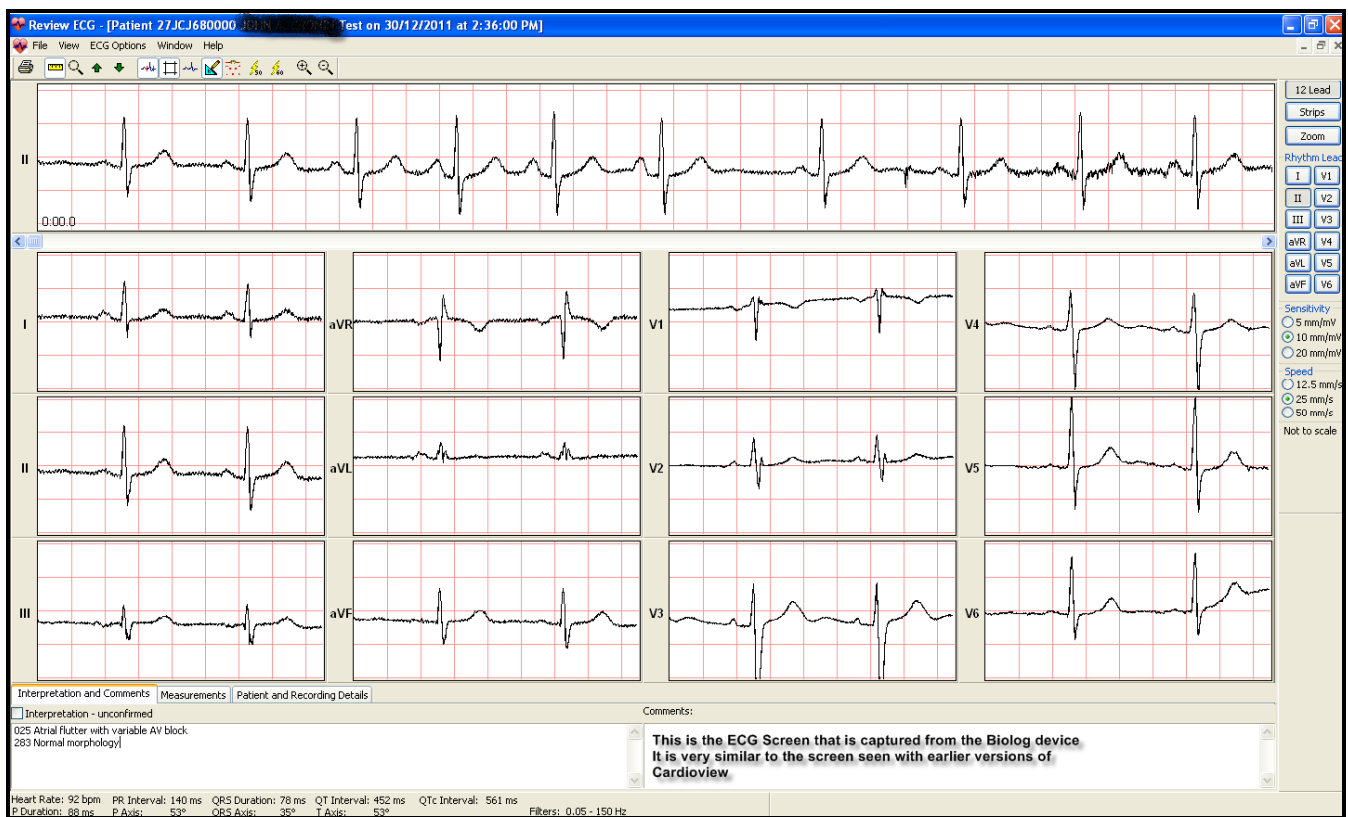
Health one version 7.2.2.1935 and later

1. The Main screen for **Cardioview 5** software



When you click "receive file" from the biolog device, you get the screen below. You have to tell cardioview which com port you are using.





ECG		
heart rate:	92	bpm
length P:	88	ms
length PR:	140	ms
length QRS:	78	ms
length QT:	452	ms
QTc:	560	ms
P wave axis:	53	°
QRS axis:	35	°
T axis:	53	°
ECG interpretation:	025 Atrial flutter with variable AV block 283 Normal morphology	
ECG [results]:	CardioViewV5.scp	
	CardioViewV5.pdf	

This is the result in Health one.
Note the ECG can be opened directly from here by double clicking on the scp file

Appendix 1 –Spiro Cardio5.xml

```
<?xml version = "1.0" encoding = "ISO-8859-1" standalone = "yes"?>
<ExternalDevices>
  <ExternalDevice ID = "SPIROTRAC" Company = "Vitalograph (Ireland) Ltd." Software = "Spirotrac 1V" Description =
  "Spirotrac -Spirometry" ProtectionID = "COMMONEXTDEV">
    <SpecificProcess>{B09F0C6A-B823-4F55-BE81-917BAAE72445}</SpecificProcess>
  </ExternalDevice>
  <ExternalDevice ID = "CardioView" Company = "QRS Diagnostic" Software = "CardioView" Description = "CardioView
  V5" ProtectionID = "1V1O1U1X1I1P20020p09">
    <SpecificProcess>{2E195FF0-02E5-4D60-ADC1-C2E39861912D}</SpecificProcess>
  </ExternalDevice>
</ExternalDevices>
```