Quick User Guide – BPLab Standard

Downloading Data & Advanced Reporting

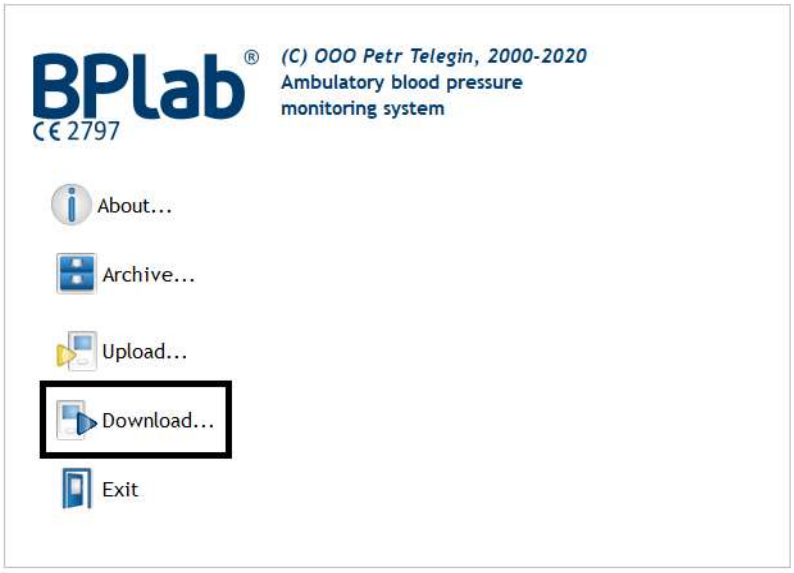
Ensure your monitor is connected to the PC. See below.

USB Connection Cable

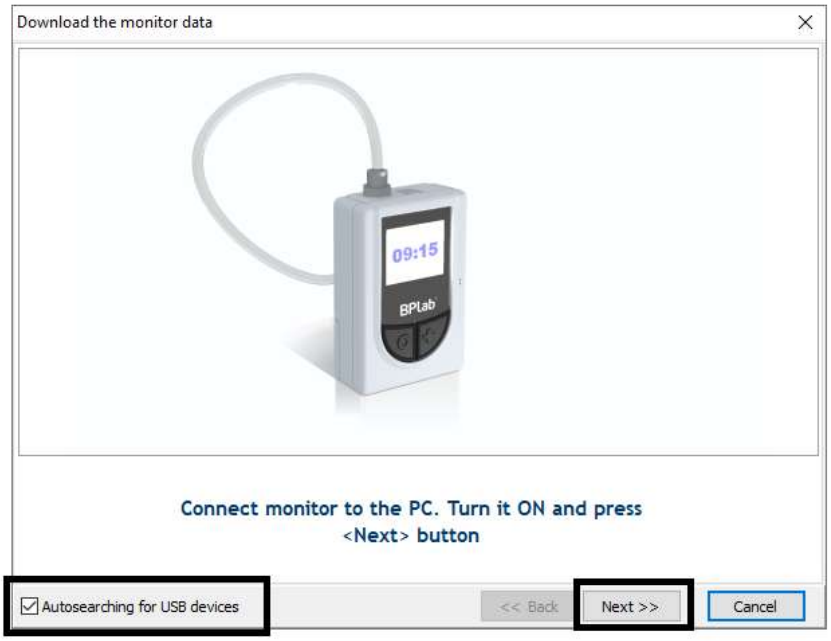
PC Connection Port

Open BP Lab Software using the below icon on your desktop.

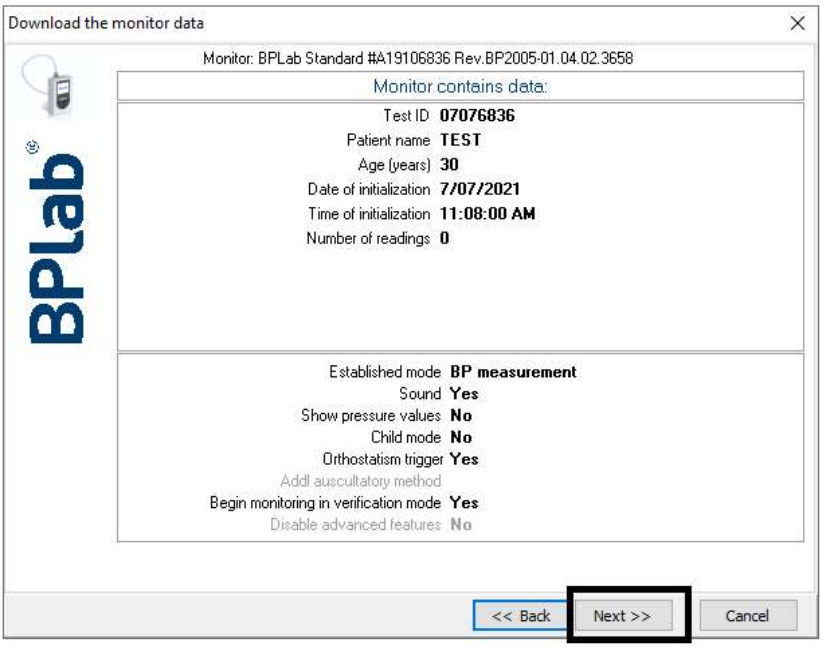
To retrieve measurement data from the monitor click the **download** button



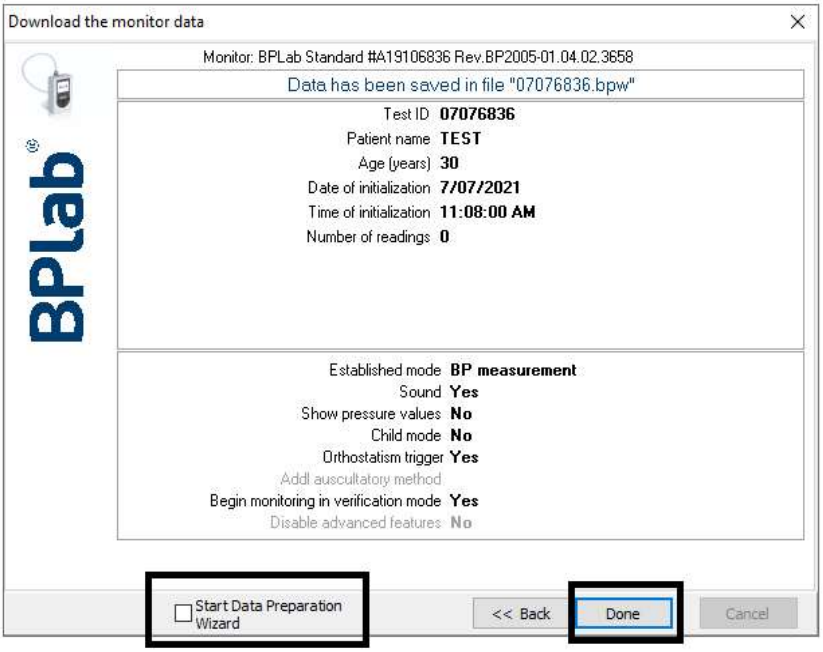
You will see the below screen. Tick the **auto searching for USB devices** box and then click next.



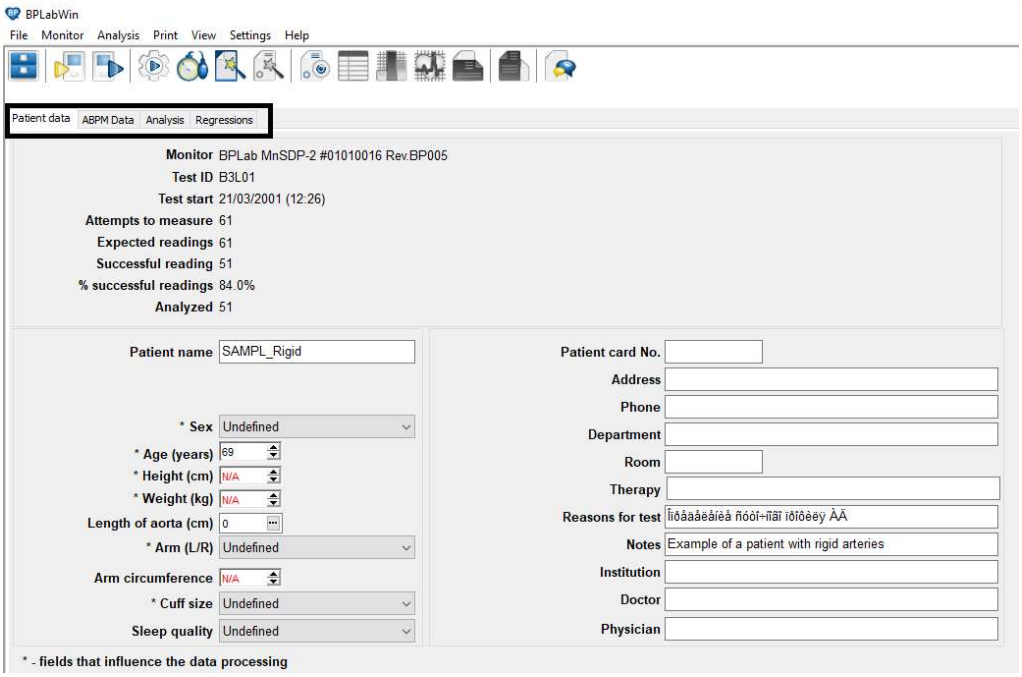
Once the monitor and data are found by the PC it will display the data summary box below. Click **next** to download data.



When the data has been saved you will see the below box. Ensure **start data preparation wizard** is unticked and then click done.



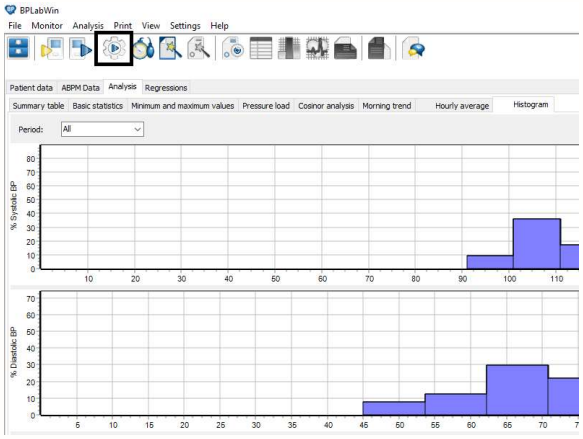
You will then be taken to the results screen. Here you can firstly update **patient data**. You can then view **ABPM data, analysis & regressions** by using the tabs at the top.

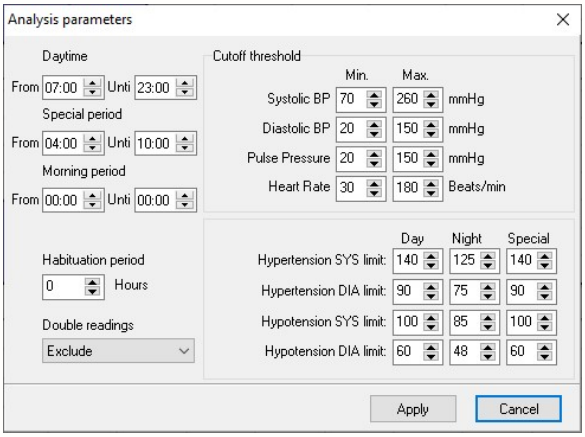


Patient Diary

Please review the patient diary to ensure test parameters are correct so the software results are correct. Also confirm any erroneous readings associated with particular symptoms, moods, activities and positions.

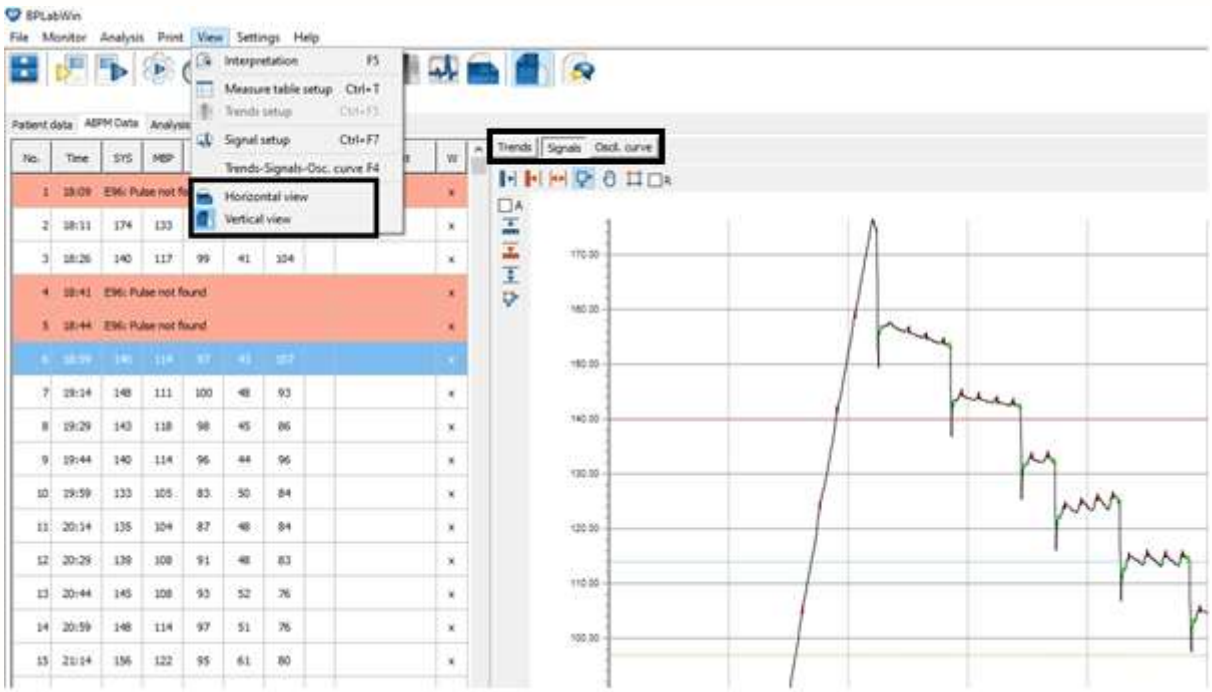
Test parameters can be reviewed by clicking the **edit analysis parameters** icon on the top toolbar. Here you can edit the **daytime, morning period & special times** to fall in line with the patient diary.





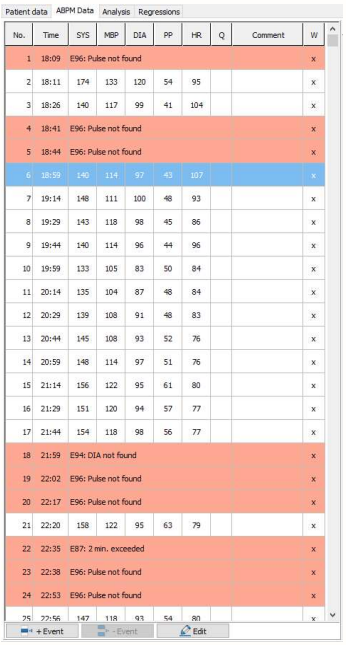
Once **patient data** and **patient diary** have been reviewed you can look at the **ABPM Data** tab.

Here you can see several different representations of the measurements listed below. To change the layout of results you can click on the **view** menu and select **horizontal view** or **vertical view.**



The Measurement Table

Detailing accepted and excluded measurements (in red) taken during the entire monitoring session.



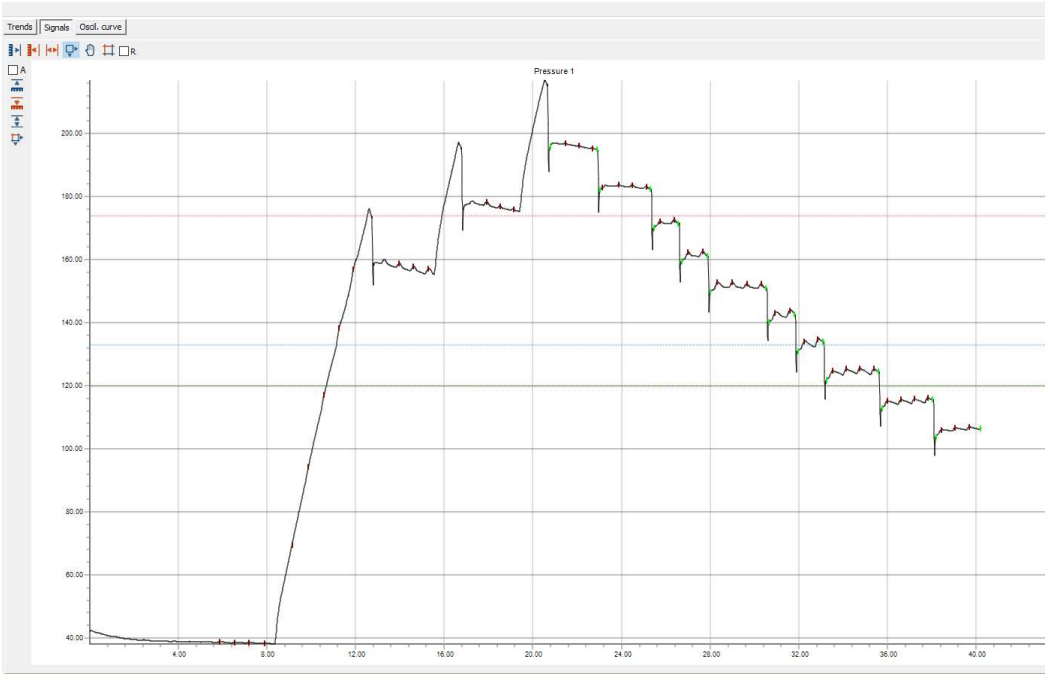
No.	Time	SYS	MBP	DIA	PP	HR	Q	Comment	W
1	18:09	E96: Pulse not found							x
2	18:11	174	133	120	54	95			x
3	18:26	140	117	99	41	104			x
4	18:41	E96: Pulse not found							x
5	18:44	E96: Pulse not found							x
6	18:59	140	114	97	43	107			x
7	19:14	148	111	100	48	93			x
8	19:29	143	118	98	45	86			x
9	19:44	140	114	96	44	96			x
10	19:59	133	105	83	50	84			x
11	20:14	135	104	87	48	84			x
12	20:29	139	108	91	48	83			x
13	20:44	145	108	93	52	76			x
14	20:59	148	114	97	51	76			x
15	21:14	156	122	95	61	80			x
16	21:29	151	120	94	57	77			x
17	21:44	154	118	98	56	77			x
18	21:59	E94: DIA not found							x
19	22:02	E96: Pulse not found							x
20	22:17	E96: Pulse not found							x
21	22:20	158	122	95	63	79			x
22	22:35	E87: 2 min. exceeded							x
23	22:38	E96: Pulse not found							x
24	22:53	E96: Pulse not found							x
25	22:56	147	118	93	54	80			x

The Test Data

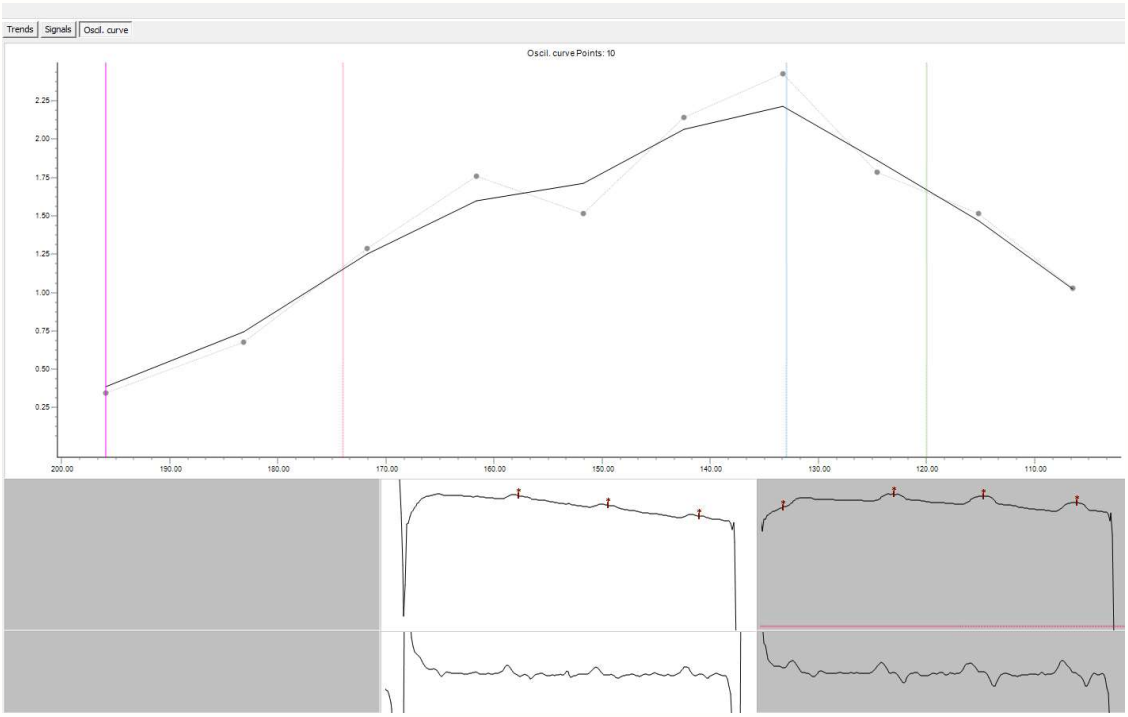
Here you can look at the measurement trends across the entire monitoring session, spot any possible artefact, review the captured signal, oscillogram curve and exclude test data if required.

Trends

Captured Signal



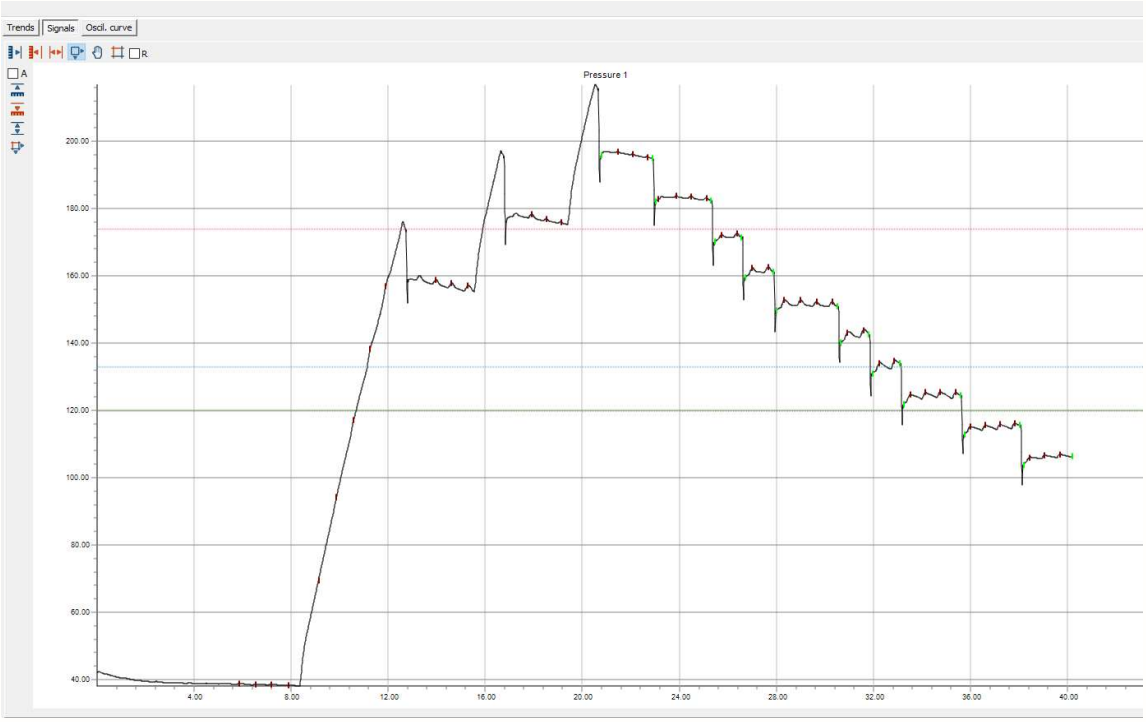
Oscillogram Curve



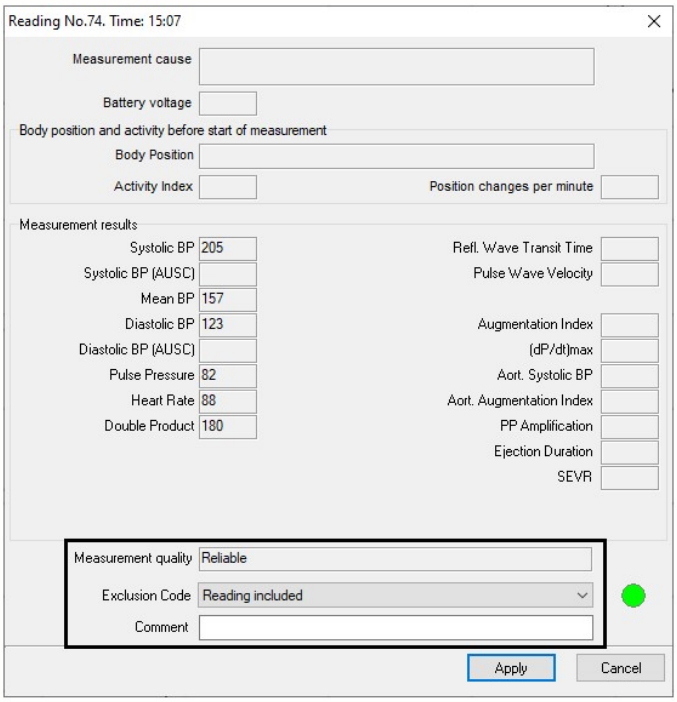
Measurement Review

To select, review and exclude measurements click on the reading in the trend graph and it will highlight the data with a pink stripe and select it in the **measurement table**

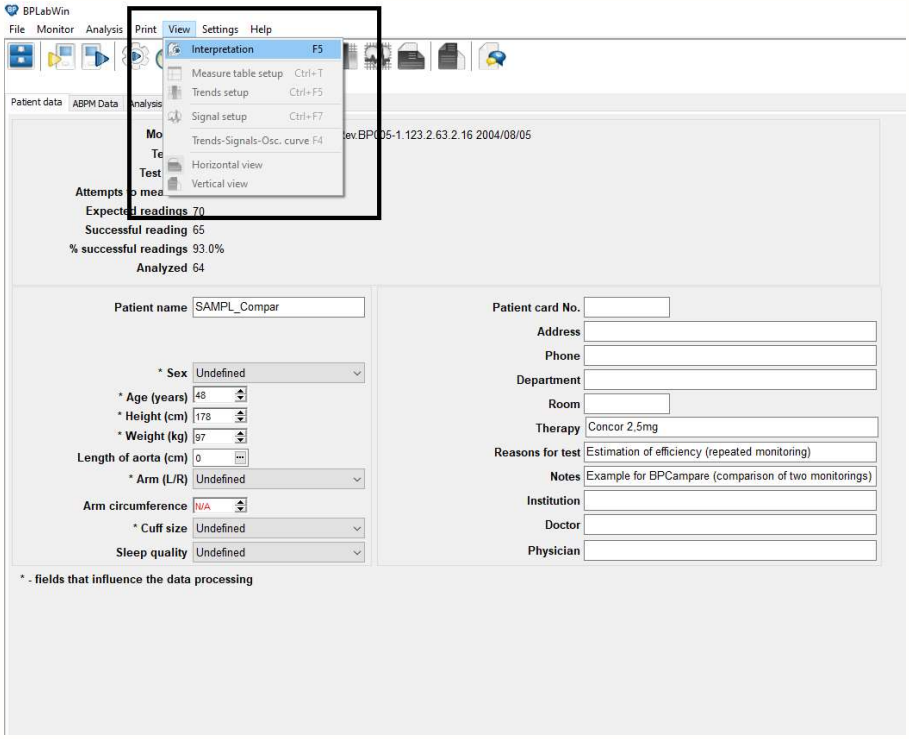
If there is suspected artefact you can review the signal.



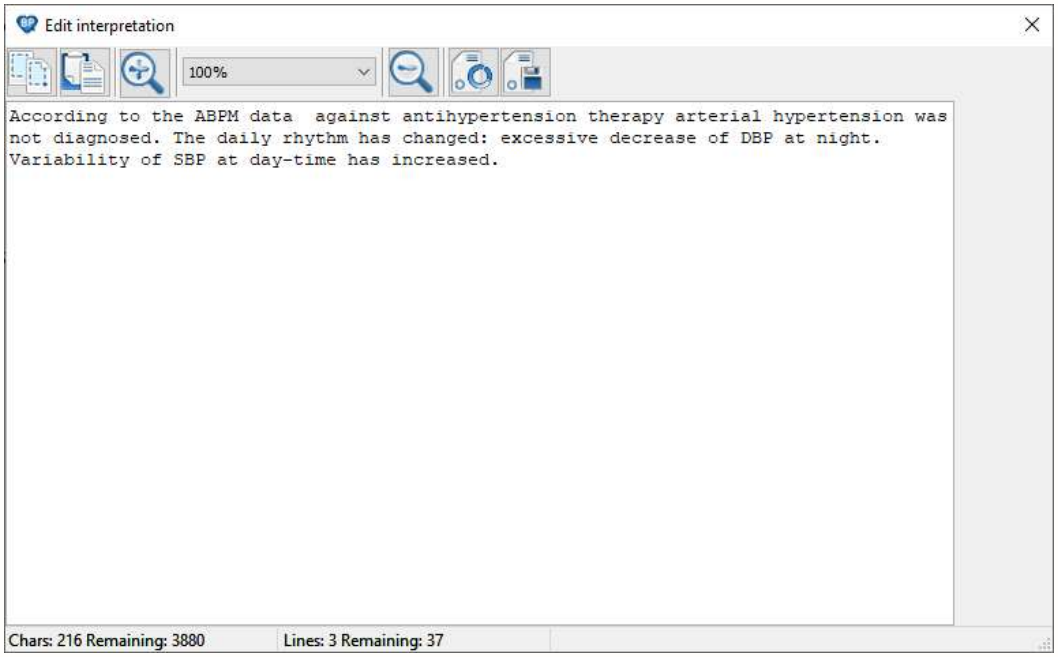
If you wish to exclude the data double click on the highlighted line in the **measurement table** and the reading will open. At the bottom of the box you can see the software interpretation on reliability, choose to exclude the measurement and provide comments.



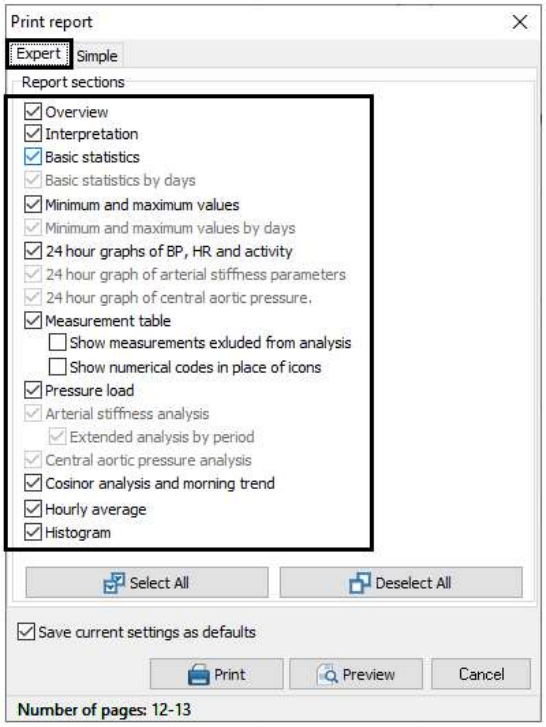
Once the completed test has been reviewed interpretation can be added by clicking on the **view** menu at the top and then clicking **interpretation**.



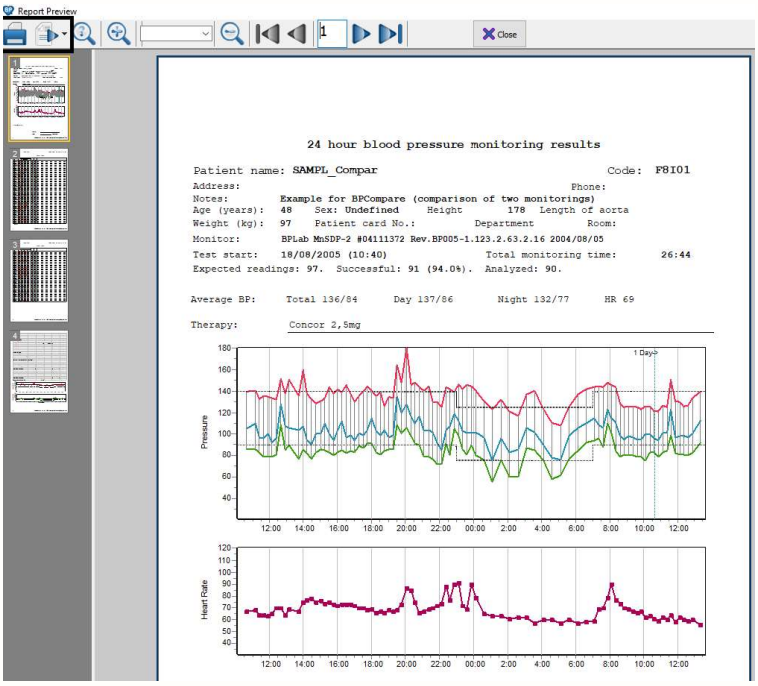
Interpretation Screen



To generate a detailed report click on the **print** menu at the top then click on **report**. The **print report** dialogue box will appear. At the top click on **expert** and select the parameters for the desired report.



Once report has been reviewed you can **print or export** report at the top left hand side of the screen. Export is available as a number of formats PDF, HTML, Excel, RTF, Word, JPG, XML and so on.



Data Tabulation

If you are looking for software that performs data tabulation you will require the BPSTAT software. This software will supply blood pressure & pulse wave parameters from single in office measurements to multicentre data arrays.

Mean values, variability & other parameters of central and peripheral pressure such as arterial stiffness can be represented in single line or multi line arrays for each patient.

The software easily allows for test data to be exported to many programs including Microsoft Excel.

This software is ideal for those who deal with statistics, research & clinical trials.