Autonomic Testing AT software application

The Autonomic Testing (AT) software application enables various **Heart Rate Variability (HRV) parameters** and the **Baroreceptor Sensitivity (BRS) parameter** on the Finapres® NOVA with an ECG module.

Autonomic Testing xBRS parameter benefits
Compared to other time-sequential methods (such as sBRS):
- ✓ xBRS provides more BRS values per unit of time
- ✓ xBRS determinations are more equally distributed over time
- ✓ 50% reduction of within-patient variance
- ✓ No thresholds for pressure and interval variation needed

Compared to spectral method:
- ✓ Exact event location in time
- ✓ xBRS provides the distribution of BRS per time interval
- ✓ No manual editing needed: most artifacts are rejected in the software

- ✓ VLF: the power in Very Low Frequency range
- ✓ LF & LFNorm: the (normalised) power in Low Frequency range
- ✓ HF & HFNorm: the (normalised) power in High Frequency range
- ✓ LF/HF ratio: the ratio between LF and HF
- ✓ RMSDD: the square root of the mean of the sum of the squares of differences between adjacent NN (Normal-to-Normal) intervals
- ✓ SDNN: standard deviation of all NN intervals
- ✓ pNN50: count of number of pairs of successive NNs that differ by more than 50 ms divided by the total number of all NN intervals
- ✓ HRVI: total number of all NN intervals divided by the height of the histogram of all NN intervals
- ✓ TP: The total Power
- ✓ Beat classification: indicates for each beat whether it is included or excluded for the use of HRV signals
- ✓ BRS: Baroreceptor Sensitivity

Scan the QR-code to read more about the Autonomic Testing software application on our website.