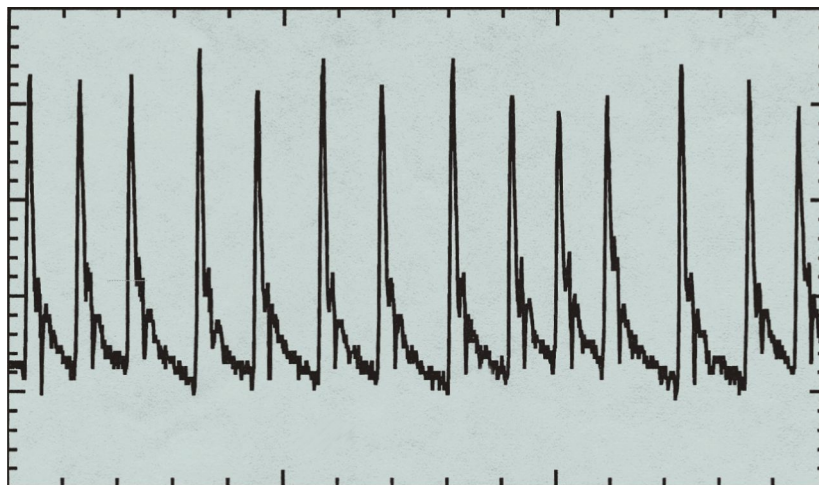# MULTI+ VARIABLE WAVEFORM SOFTWARE

For CompuFlow 1000 and CardioFlow 5000 Products

Human blood-flow waveforms can be highly variable.

Shelley's Variable Waveform Software enables accurate simulations of physiological waveforms with user-defined variability in shape and cardiac rate.

Applications

Research programs where a variable pulsatile output is required. Ideal for investigating the effects of cardiac output variability in:
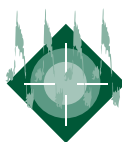
- MRI blood flow measurements and angiographic imaging techniques

- Ultrasound measurements of volume flow and waveform indices

- Nuclear Medicine radionuclid angiography and gated blood-pool studies.

Product Description

The Shelley Multi+ software is an option/upgrade for CompuFlow 1000 and CardioFlow 5000 products which allows the production of consecutive waveforms, which can vary in shape, length and ECG position.

Multi+ can read in multiple waveforms from a single file and pump the blood-mimicking fluid in real-time.

Applications

- Reads in multiple waveforms from a single file.

  Heart rate can be varied from 2.5 bpm to 2000 bmp.

- Each waveform has its own ECG trigger point.

- Preview function allows inspection of the waveform prior to pumping fluid.