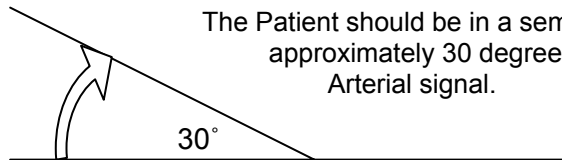


AORTIC PULSE WAVE VELOCITY MEASUREMENT USING THE NECKPAD



The Neckpad is placed around the Patients neck with the pressure pad over the right Carotid area.....

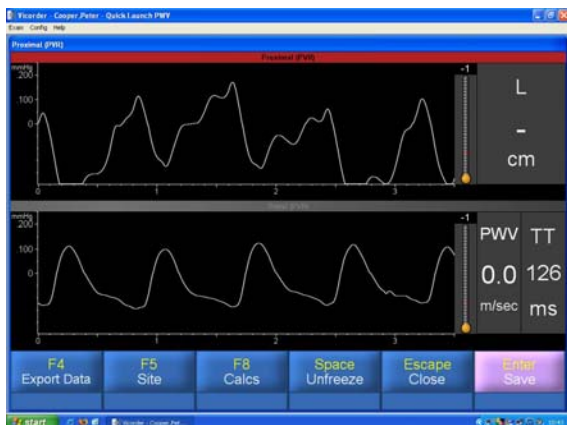
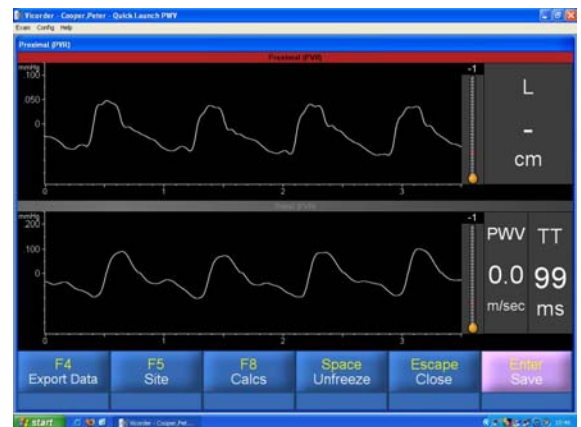
.....and secured with the Velcro fixing, do not over-tighten.



A cuff is placed around the Patients upper right thigh.

Both Neckpad and thigh cuff are connected to the Vicorder.

1. Measure the distance between Supra-Sterna Notch and thigh cuff in centimetres and enter via the Calcs button.
2. Inflate the cuffs, adjust the displayed waveforms for amplitude if required.
3. Acquire several steady pulses of data and freeze.
4. Pulse Wave Velocity and Transit Time are



Note : If the Jugular Vein is particularly active (example on the upper trace) make sure the Patient is at 30°, if so ask the Patient to take a deep breath, exhale and hold. Take the measurement during the held breath.