



Noninvasive Central Blood Pressure Systems

Clinicians have long been aware that a patient's brachial and central blood pressures differ significantly.

SphygmoCor® technology, featured in hundreds of published clinical studies, provides important clinical information not available through brachial cuff blood pressure measurements. Studies show that measuring central pressure is vitally important in assessing the effects of anti-hypertension therapy and detecting elevated risk for cardiovascular events such as heart attack and stroke.

SphygmoCor technology allows you to monitor noninvasively the blood pressure experienced by the heart, brain and kidneys. SphygmoCor systems acquire the patient's radial pulse waveform through a measurement taken at the wrist, derive the blood pressure waveform at the ascending aorta and report vital central blood pressure data.



Records the radial waveform and derives the waveform at the ascending aorta

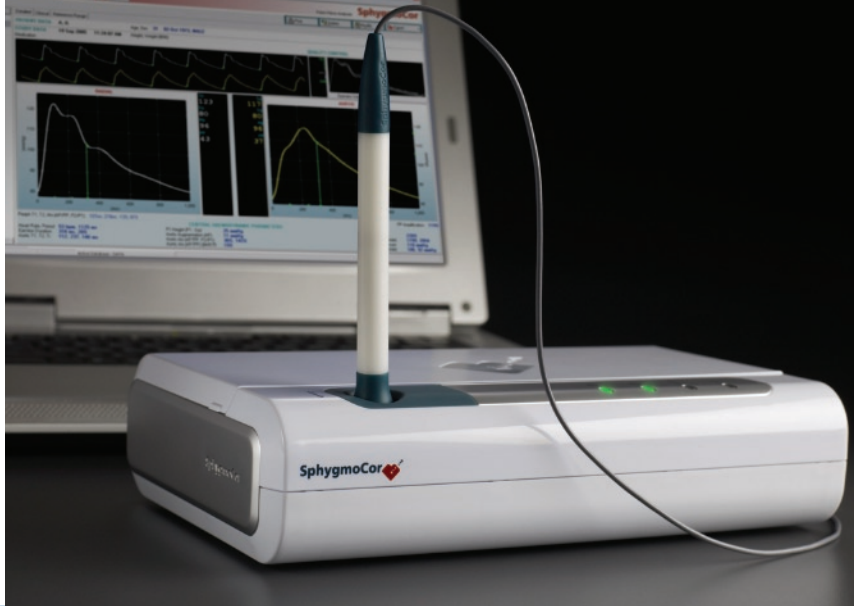


The global gold standard for noninvasive central pressure and pulse wave velocity measurement

SphygmoCor systems provide

- Ascending Aortic Blood Pressure, which cannot be derived from brachial cuff measurement
- Aortic Augmentation Index, a measure of arterial stiffness
- Reference normal ranges displayed with individual patient results
- Other key cardiovascular parameters used in measuring arterial stiffness and stratifying patients at risk for cardiovascular events

SphygmoCor Systems



SphygmoCor CP

- Ascending Aortic Pressure, which differs significantly from brachial systolic pressure
- Central Pulse Pressure, an important measure of cardiovascular risk
- Aortic Augmentation Index, a measure of systemic arterial stiffness
- LV load and other key factors affecting cardiovascular risk

SphygmoCor CPV

- Adds the capability of measuring pulse wave velocity, the gold standard in assessing arterial stiffness between two locations in the arterial tree
- Heart Rate Variability Option

SphygmoCor CPM

- Used in conjunction with a radial artery blood pressure monitor or non-invasive radial artery pressure waveform monitor
- Adds the capability of realtime, beat-to-beat central pressures monitoring

The Global Gold Standard

SphygmoCor's value has been demonstrated in hundreds of studies

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Roman M. Central Blood Pressure Better Predicts Cardiovascular Events Than Does Peripheral Blood Pressure Circulation 2007 Vol 112, No.21.

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