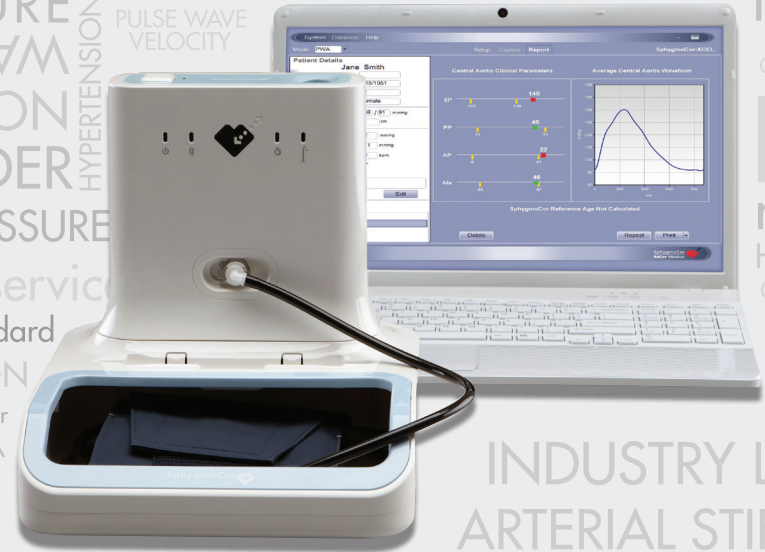


SphygmoCor®
AtCor Medical



Simply the gold standard

Central Blood Pressure Pulse Wave Analysis and Pulse Wave Velocity from the Industry Leader

- Automated, cuff-based system
- Brachial and central blood pressures for directed, individualized therapy
- Arterial stiffness measures
- Optimize drug therapy management
- Assess the effects of arterial stiffening and pressure wave reflection to reduce target organ damage
- Single step PWV via carotid tonometry and thigh cuff



SphygmoCor technology is featured in more than 1,000 publications.

Measuring arterial stiffness has been established clinically through longitudinal studies in which it has independently predicted death and standard cardiovascular end points.

Townsend et al., Hypertension 2015

Numerous studies have documented a superior relation of central over brachial BP to intermediate cardiovascular phenotypes or cardiovascular target organ damage.

Roman et al., Hypertension 2014

We conclude that guidance of hypertension management with central BP results in a significantly different therapeutic pathway than conventional cuff BP, with less use of medication to achieve BP control and no adverse effects on left ventricular mass, aortic stiffness, or quality of life.

Sharman et al., Hypertension 2013

PWA and clinical decision-making:

- *Deciding whether to initiate, intensify, or change therapy in younger, asymptomatic individuals with systolic hypertension*
- *Deciding on which class of antihypertensive agent to add when another medication is needed based on the brachial BP*
- *Deciding on whether a change in a previous office encounter has had as desirable effect on central pressure as it may have had on brachial BP*

Townsend et al., Journal of Clinical Hypertension 2015

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