Arteriograph 24™

The Innovative Expansion of Arterial Stiffness Measurement throughout the Day

Arteriograph 24:
Device for the 24 hour monitoring of arterial functions (stiffness) and peripheral Blood Pressure

La sua tecnologia esclusiva permette a questo dispositivo di misurare simultaneamente per 24 ore tutti i parametri della funzione arteriosa. Al di là dei valori di pressione arteriosa tradizionali, Arteriograph24 fornisce la velocità dell’impulso d’onda aortica (PWVao), Augmentation Index (Aix aortic, Aix brachiale) e la pressione centrale sistolica (SBPao).

Its unique technology enables this device to measure all arterial function parameters simultaneously for 24 hours. Beyond the traditional blood TM pressure values Arteriograph24 provides aortic Pulse Wave Velocity (PWVao), Augmentation Index (Aix aortic, Aix brachial) and central systolic blood pressure (SBPao) data.
Arteriograph24™ is a special combination of a 24 hour ABPM and a professional, state of the art technology for measuring vascular age (stiffness), incorporating all the best advantages of both techniques. It reveals the day and night-time changes of the peripheral and central hemodynamic parameters in order to achieve the most accurate vascular age assessment, and to monitor the effect of different drugs. The measured data can be transferred, stored and analyzed on a PC allowing a complete evaluation of arterial function (stiffness).

Measured parameters:

- Systolic and Diastolic blood pressures (Sys, Dia)
- Mean arterial pressure (MAP)
- Pulse pressure (PP)
- Heart rate (HR)
- Aortic and Brachial augmentation index (Aix aortic, Aix brachial)
- Central (aortic) systolic blood pressure (SBPao)
- Central (aortic) pulse pressure (PPao)
- Aortic pulse wave reflection time (RT)
- Aortic pulse wave velocity (PWVao)

- Accurate - clinically validated
- Unique, representing a special combination of a 24h ABPM and the Arteriograph™
- Vital on the field of vascular age assessment
- Advanced data transfer via Bluetooth technology
- Comprehensive providing the most important peripheral and central hemodynamic parameters
- User-independent as it is fully automatic