

New
Application
Arterial
Stiffness



Endothelial function - a challenge

Endothelial dysfunction is a well recognized marker of sub-clinical atherosclerosis and a predictor of cardiovascular events. Endothelial function has gained much momentum in recent years and has been incorporated into numerous cardiovascular risk assessment and prevention studies. This has created the need for an effective and standard diagnostic method.

Endo-PAT2000 - a solution

- › The leading non-invasive method for assessing endothelial function
- › The only FDA cleared & CE marked medical device indicated for diagnosing endothelial dysfunction
- › Used in numerous leading research centers & clinical phase Pharma studies

Look at the numbers:

- › Over **200** devices installed in almost **30** countries on **5** continents
- › Several studies each with **5,000** to **15,000** subjects in progress
- › Over **30** publications and abstracts

The PAT Signal



PAT (Peripheral Arterial Tone) is a physiological signal that reflects changes in the autonomic nervous activity and endothelial function through the precise measurement of arterial pulsatile volume changes in the fingertip. The PAT Signal is acquired using Itamar's proprietary technology and offers new ways of understanding and managing cardiovascular and sleep disorders.

Normal
Endothelial
Function



Abnormal
Endothelial
Function



Endo-PAT2000 less effort, better results

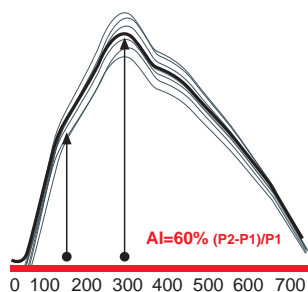
- Easy to use
- User-independent
- Immediate & fully automated report with numerous options and controls
- Data presented in Excel spread-sheet with study parameters & quality control info
- Reliable and reproducible results
- FDA cleared and CE marked



Endothelial function **or** Arterial Stiffness?

Why not both?!

Endo-PAT2000
Augmentation
Index



Endo-PAT2000 now with arterial stiffness*

Augmentation Index is automatically
calculated from the PAT signal

*Pending FDA clearance

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