



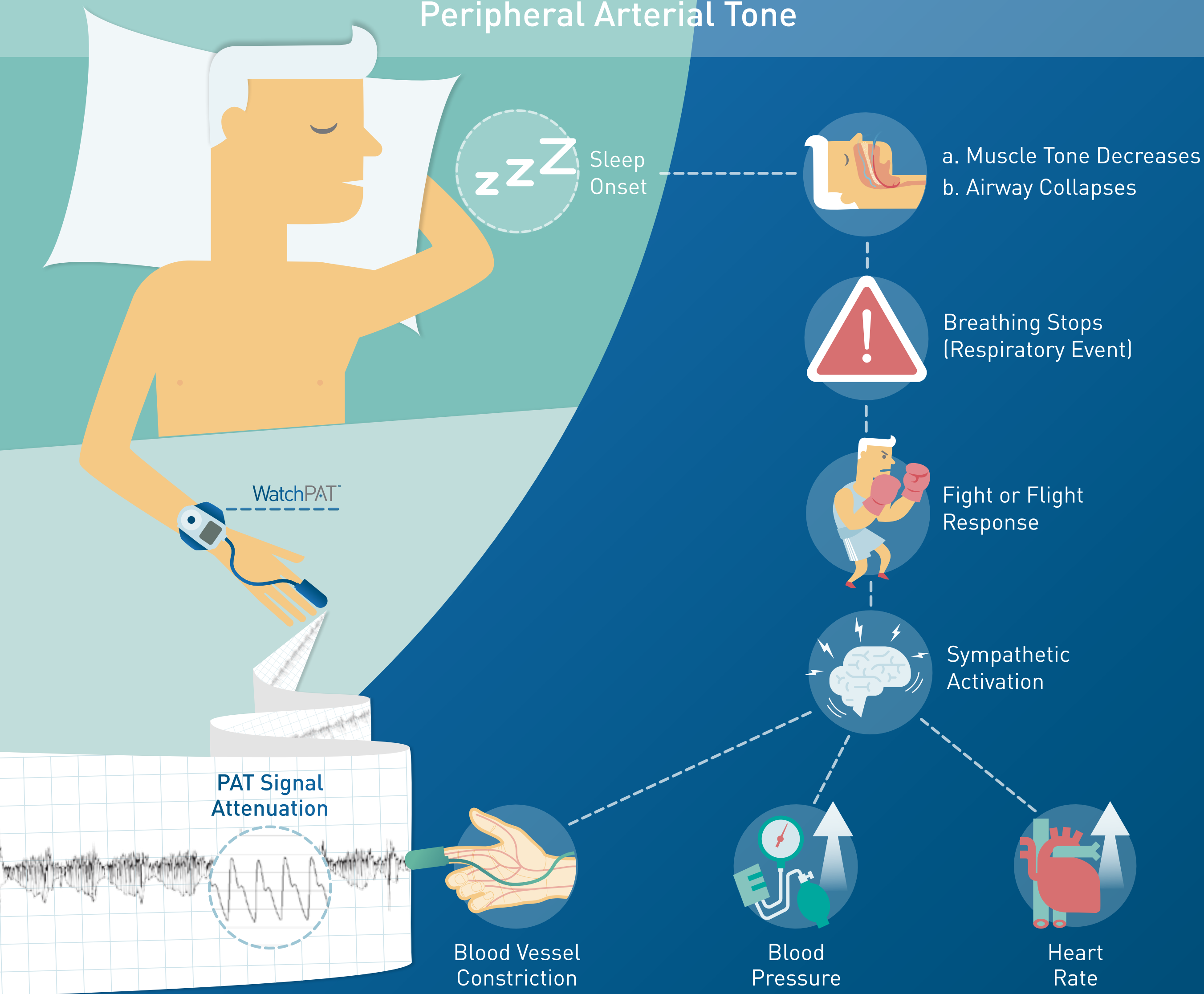
WatchPATTM

Home Sleep Testing Made Simple

Powered by the PAT[®] technology

The PAT[®] Signal

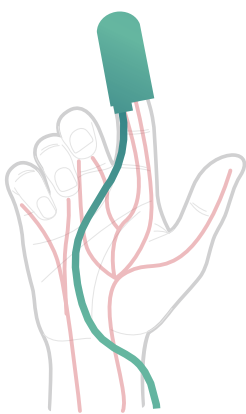
Peripheral Arterial Tone



Innovative Technology

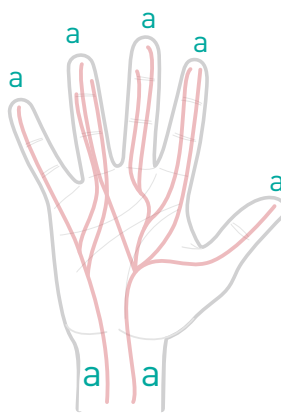
The PAT biosensor applies a uniform field of pressure around the fingertip

- Enables optimal signal quality
- Creates a precise measurement environment without any confounding influences (such as blood pooling)



The Finger – Unique Physiology

- High vascular density
- Tremendous blood flow variability
- Only alpha adrenergic receptor pathways
- A surrogate of sympathetic nervous system activation
- Convenient site for measurement
- No facial interface



Sleep Stages with the WatchPAT

- Sleep Stages classification based on unique signatures in the PAT amplitude and heart rate
- Sleep/Wake differentiation uses data from the wrist Actigraph and additional WatchPAT channels

	PAT Amplitude	PAT Amplitude Variability	HR Variability
Light Sleep	High	High	High
Deep Sleep	High	Low	Low
REM	Low	Very High	Very High



Simple, Accurate,
Fast and Reliable



Clinically
Validated



90%
Correlation to
In-Lab PSG*



Measures True Sleep
Time and Complete Sleep
Architecture

*Yalamanchali S, Farajian V, Hamilton C, Pott TR, Samuelson CG, Friedman M. Diagnosis of obstructive sleep apnea by peripheral arterial tonometry: meta-analysis. JAMA Otolaryngol