



SOMNOcheck micro CARDIO

Diagnosis for respiration and circulation.





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Worn like a wristwatch.

While the patient sleeps, the screening device determines Sleep-Disordered Breathing, cardiovascular risk and arousals.

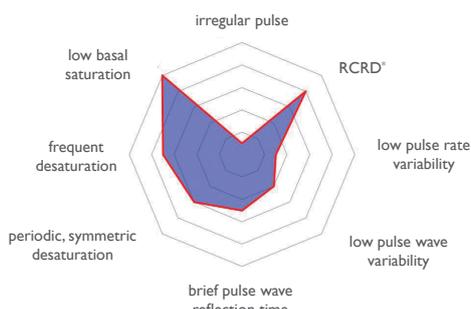
Quickly, simply and non-invasively - SOMNOcheck micro CARDIO identifies besides the known parameters of AHI, desaturation index, arousal index, pulse rate and snoring, now for the first time, the Cardio-Risk Index (CRI).

The CRI provides information about your patient's cardiovascular risk, existing cardiopulmonary disorders and possible diagnostic steps. Analyses are based on the pulseoxymetric measurement of the pulse wave, with whose help arrhythmia and Cheyne-Stokes breathing can be detected. Changes in blood vessels are recognized with the Pulse Wave Analysis (PWA) along with the responsiveness of the autonomic nervous system and heart rhythm.

Software SOMNOlab

With the accompanying SOMNOlab software, the raw data can be read and displayed. The two-page report includes the CARDIO fingerprint.

The patient-specific manifestations of the individual parameters make up the CARDIO fingerprint. Each parameter indicates a particular disorder. Acting as a compass, the fingerprint points in the direction of the next diagnostic steps and helps with a simple prioritization of patients.



* RCRD = Reduced Chronotropic Response to Desaturation

RAG Function

The Red-Amber-Green function lets the doctor read the results directly from the display. It also allows trouble-free use of the screening device without software.



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