



REDWAVE[®]

medical algorithms

We are the INNOVATORS for

MEDICAL ALGORITHMS.





Measure the right values right -
with our algorithms for YOUR devices.

- ✓ Validated Medical Grade Algorithms
- ✓ Plug & Play integration into your product portfolio
- ✓ Medically valid values for early detection and therapy support
- ✓ Software licences for your medical devices





OUR AREAS OF EXPERTISE

Blood Pressure

Solutions for spot measurements, 24 h interval measurements and continuous measurement of blood pressure and central blood pressure in the aorta.

Vascular Ageing

Screening for arterial stiffness and early vascular ageing as an independent predictor for assessing overall cardiovascular risk.

Heart Failure

Identify the performance of the heart for a full risk assessment and early detection of heart failure.

Hemodynamics

Describing the interaction of the functional cardiovascular regulation system and identifying possible dysfunctions in the regulatory processes.

ANTARES

Be a medical PIONEER with our

Antares algorithm for your oscillometric devices.



With **Antares**, you can determine important parameters for the early detection and therapy support of high blood pressure and early vascular ageing precisely and independently of statistical input values, such as patient age or heart rate - delegable and without additional effort in the daily routine.

What we offer:

- Determination of central blood pressure and pulse wave velocity using standard upper arm cuff measurement in the deflation process
- Medical grade algorithms invasively validated against the gold standard (doi: jcm8071073)
- Plug & Play integration into your product portfolio
- High flexibility through various software modules
- Support with approval and market entry



MODULES

Central Blood Pressure

- + Augmentation index
- + Augmentation pressure

Pulse Wave Velocity

- + Artery Age with confidence intervall

- ✓ Independence from statistical input values such as patient age and heart rate
- ✓ Fast and reliable identification of high-risk patients
- ✓ Holistic view of cardiovascular diseases
- ✓ Support for the individual therapy decision through precise measured values

WHO WE ARE

Together we shape the future of cardiovascular health
and fight the preventable consequences of
cardiovascular disease.



Together 40+ years of experience in R&D



Quality management according to DIN EN ISO 13485



Cooperation with prestigious clinics and KOL's



Contact

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