

A microscopic view of numerous red blood cells, appearing as biconcave discs, floating in a dark red fluid. The cells are illuminated from the side, creating a strong sense of depth and highlighting their three-dimensional structure. The overall color palette is a rich, dark red with some lighter highlights on the cells' surfaces.

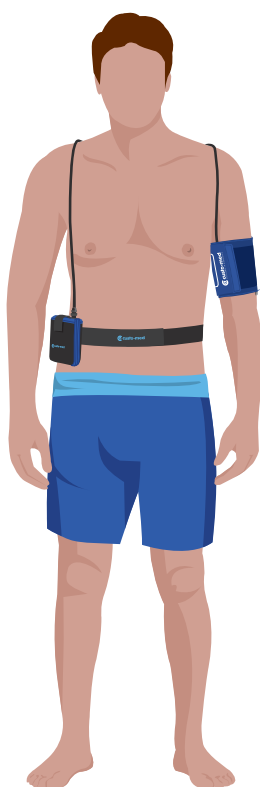
Hypertension?!

It is the central values that matter.



NEW: custo screen 310 - ABPM inclusive pulse wave analysis and central blood pressure!

Up to a third of all hypertension patients remain undetected or get limited treatment with conventional blood pressure measurement on the upper arm. In ABPM, it is the central blood pressure that provides a comprehensive view of the actual blood pressure situation, as it directly affects the organs. custo screen 310 determines the central blood pressure using the validated Antares algorithm.



Our Benefits:

1. High measurement accuracy

Our solution provides a very high coherence with invasively measured values.

2. Validated procedure

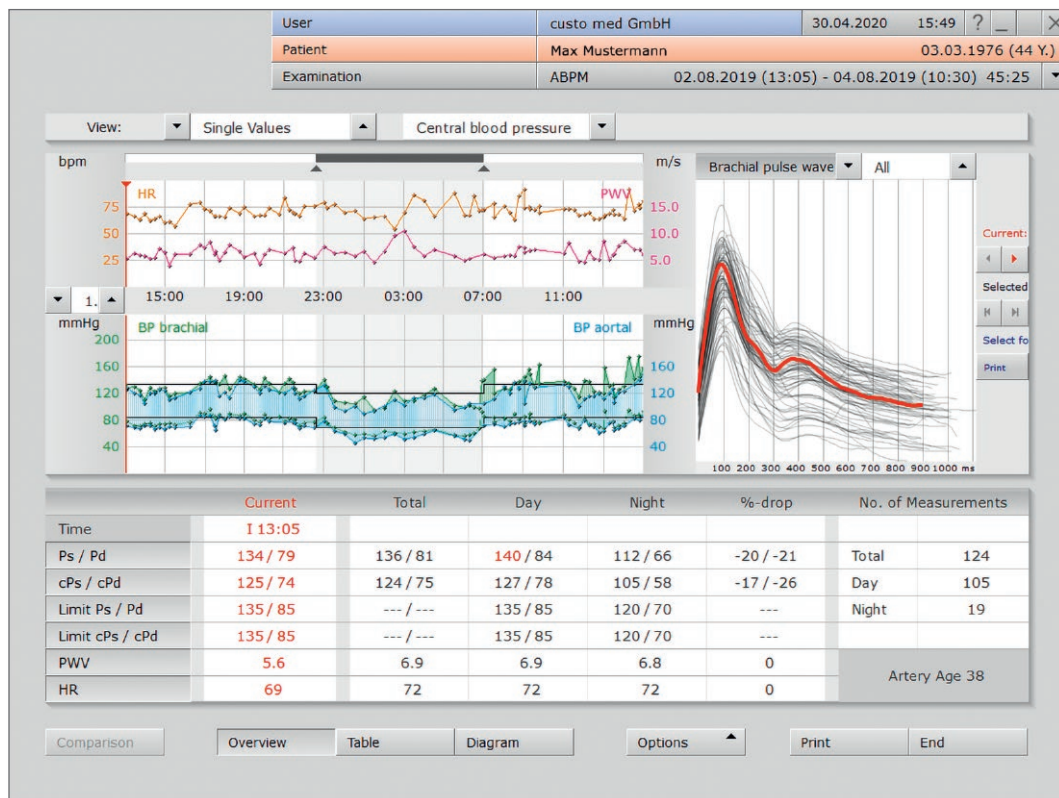
Accuracy has been proved in a multicentre validation study (according to ARTERY protocol).

3. All-in-one device

The central and brachial blood pressure values, including a pulse wave analysis as single measurement and as 24-hour measurement (ABPM) are available in one device.

4. No additional examinations

The pulse wave analysis is made automatically during the standard blood pressure measurement.



NEW: Central blood pressure in custo diagnostic

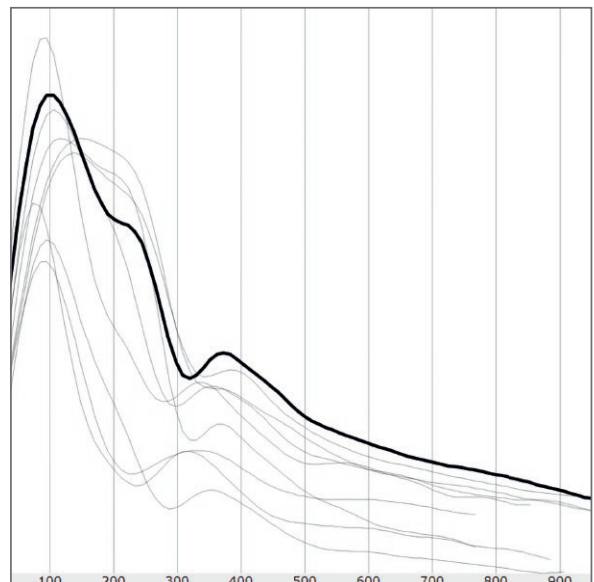
- **At-a-glance view** of the central and brachial blood pressure
- View of **pressure curves of the brachial pulse wave** for each measurement
- Calculation of **pulse wave velocity**.
- View of a **tabular list of brachial and central blood pressure values** as well as their statistical evaluation.
- View of the **heart rate** trend and the calculated **artery age**.

Spot measurement with custo screen 310

Beside the measurement of long-term blood pressure, the software module allows a spot measurement (single measurement) to assess the cardiovascular risk. Pulse wave velocity is the crucial indicator here.

The spot measurement includes the following values:

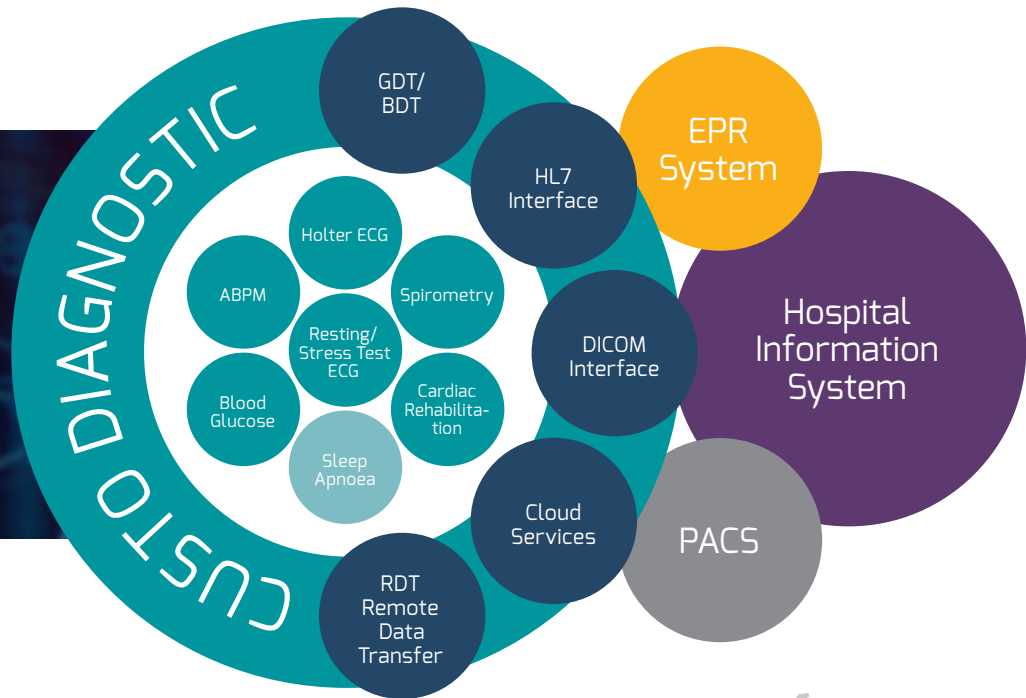
- Brachial and central blood pressure
- Pulse wave velocity
- Heart rate
- Artery age



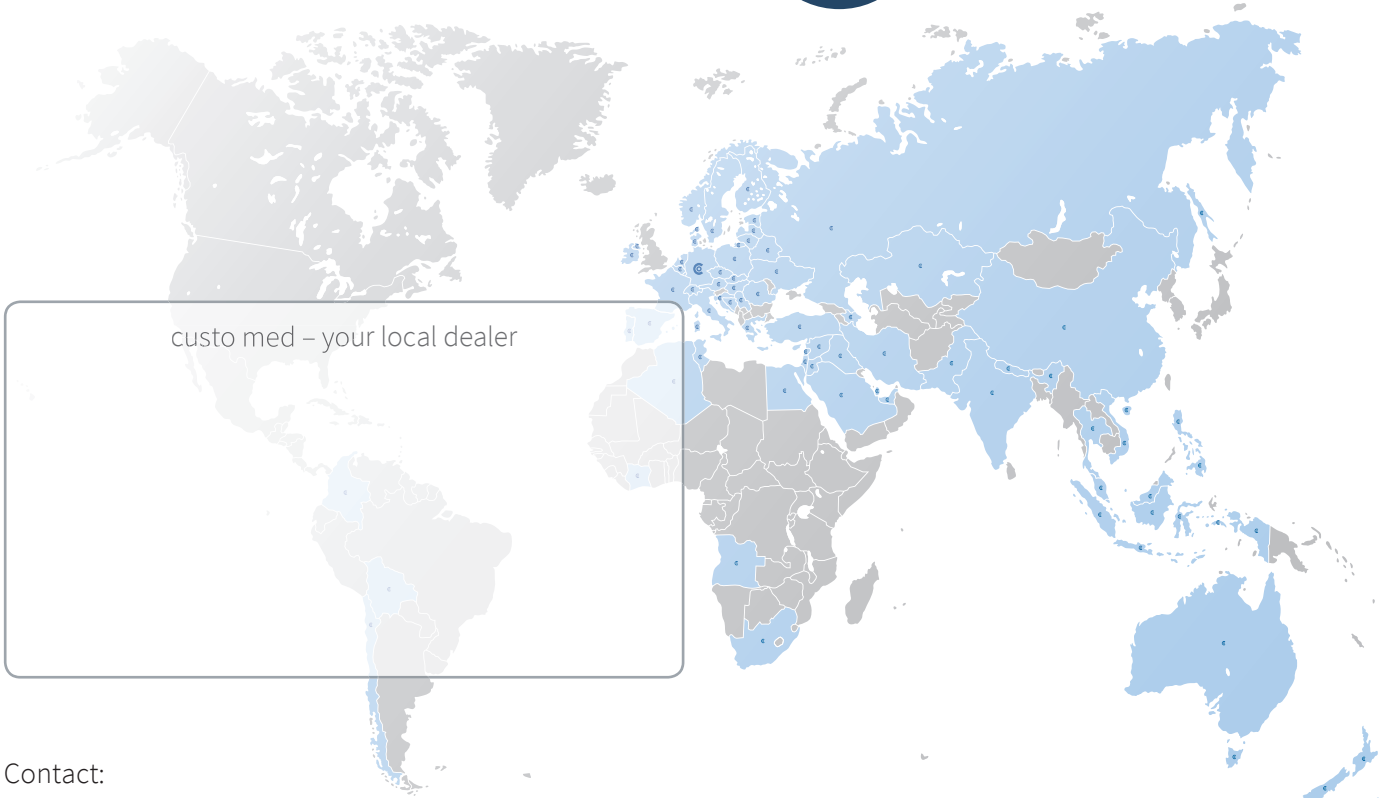
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