Cardiolyse - Prevention Rather than Emergency

Cardiolyse is an ECG processing platform that provides preventive and easy-to-understand ECG analytics for everyone, via an application programming interface (API). Cardiolyse provide easily understood information about current heart state, personal recommendations and months-ahead forecast about dangerous heart disease. It enables users to see the connections between their lifestyle (such as exercise or treatment) and the state of their heart.

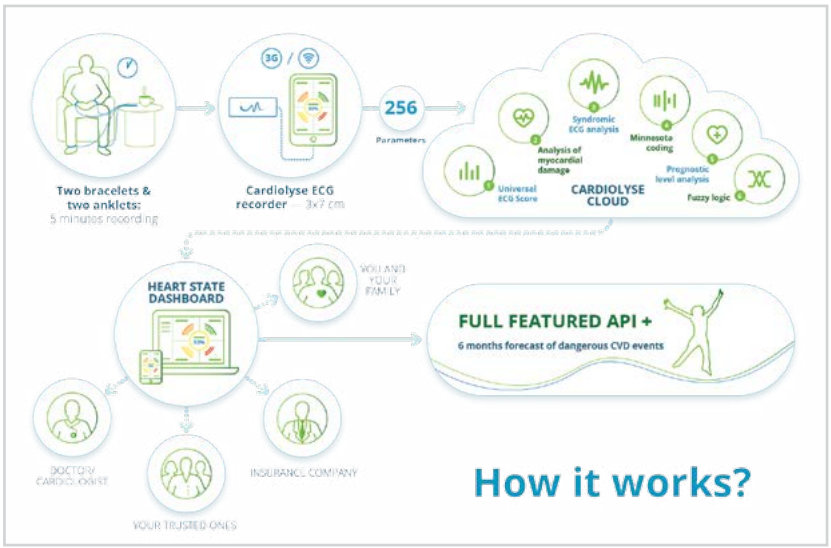
Any fixed or wearable ECG device can transfer data to Cardiolyse Cloud, where our powerful algorithm defines over 250 different parameters essential for understanding heart health. The analysis is based on the Universal Score System (USS), and the algorithm analyzes all ECG curves in less than two seconds, faster than any human doctor.

We have developed a cloud-based ECG processing platform that gives everyone access to our powerful algorithms via a full-featured API. ECG USS is an advanced proprietary technology, designed to analyze more than 250 ECG parameters (all known electrocardiography codes) and then visualize the results in colour logic, along with a quantitative assessment.

ECG USS technology uses an individual's unique electrocardiogram (or ECG) for authentication. Individual norms based on the ECG USS allow for enhanced accuracy, and for individualized recommendations.

The system also provides a mid-term forecast of serious cardiovascular events.

The classification system used is based on an assessment of 256 ECG variables, the highest possible number. Each ECG parameter is given a certain number of scores, depending on how well this value corresponds to the recognized standard.



The USS in turn consists of four blocks, which are:

- Heart muscle state: based on parameters of electrocardiographic curves, including multiple existing ECG scoring systems
- Stamina: based on parameters of heart rate variability and autonomic nervous system measures
- an analysis of heart rhythm disturbances
- a psycho-emotional status, based on an evaluation of specific aspects of heart rate variability.

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