

ANUME CARE

REMOTE INTELLIGENT MONITORING OF VITAL SIGNS

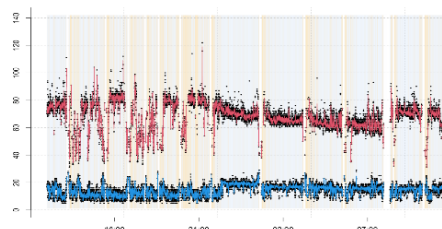
Healthcare providers deal with increasing problems, ensure high quality of care at affordable budgets without increasing medical personnel. The current COVID-19 crisis added additional complexity and increased the need for intelligent solutions for patients' monitoring and supervision.

SOLUTION FOR HEALTHCARE PROFESSIONALS

Anume Care gives healthcare providers the ability to automatically monitor patients' 24/7 vital signs like heart activity, respiratory rate and effort, and micro-movements of the body, and be timely alerted about potentially dangerous health situations or other anomalies at any time and place.

High-precision measurements

Anume Care elements are high-precision sensors using advanced filtering, pattern search engines achieving 30 times more sensitivity than other available solutions. Its contactless sensors are unobtrusive, placed under the mattress of beds. The accuracy of the measurement corresponds to the quality of the ECG outputs.



MEASURED VITAL SIGNS

- Frequency and level of heart activity - beat-to-beat monitoring, HRV (RMSSD, HRVI, PNN50, LF/HF ratio)
- Respiratory rate, respiratory effort, eventual respiratory difficulties determination
- Body micro movements, restlessness, sleep micro-movements

Anume Care transmits data from sensors in real-time to the central platform (cloud or on-premise), connected to the Nursing System. **Machine learning** and **Multidisciplinary** data processing tools enable applications to detect early chronic diseases or monitor treatment progress.

COMMERCIAL APPLICATIONS

- Monitor health of seniors in nursing homes, especially with conditions like Alzheimer and Parkinson disease
- Monitoring hospitalized patients with long- or short-term illnesses (incl. COVID-19)
- Remote, professional at-home monitoring of people with underlying health conditions
- Automated data collection of participants in clinical trials for new drugs and treatments

KEY BENEFITS

- Less medical professionals required
- Full range applications in Nursing Homes, Hospitals, Professional Home Care or Clinical Trials monitoring
- High Precision - comparable with in-person medical devices, clinically tested, low false ratio
- Machine Learning - supports early detection of disease and treatment progression
- Plug & Play solution - simple plug-in socket, no staff training required
- Patient comfort - all sensors and devices are located under the bed mattress and non-obtrusive
- Cost efficiency



ANUME

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