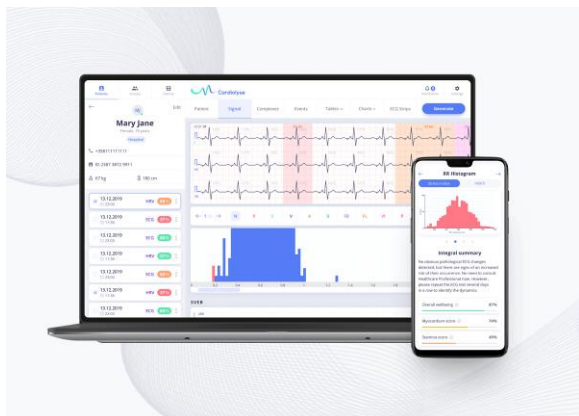


## Detecting cardiovascular problems: Beurer is cooperating with Cardiolyse

**Ulm, 19 March 2020 – Together with the Finnish start-up Cardiolyse, the Ulm-based health specialist Beurer is offering the first comprehensive solution for detecting cardiovascular problems. The partnership is foreseen to enable expansion of the Cardiolyse eHealth platform and heart signal analytics services to the global market as well as further improvement of the product to serve the patient-centric digitalization of the healthcare industry. It is an ECG & HRV predictive analytics platform for real-time remote heart health and fatigue risks monitoring. For this purpose, Beurer ECG devices delivering important vital parameters.**

“Cardiovascular disease (CVD) remains the main killer, taking 1 of every 3 lives worldwide. CVD complications are accountable for more than 50% of all deaths among people with diabetes, which unfortunately is a growing population in Europe. And knowing that most cardiac complications could be prevented with early detection, we see our mission in supporting innovative digital healthcare solutions like Cardiolyse”, says Beurer Managing Director and Shareholder Marco Bühler. “Artificial intelligence and machine learning applied to healthcare services have a huge potential to pave the way for an automated data-driven clinical decision support for hospital staff, that widely-used Beurer devices are also actively engaged in”.



The company's proprietary patent-pending machine-learning algorithms process all vital ECG parameters from Beurer devices and detect CE-certified to 20 types of Arrhythmias, Atrial Fibrillation, Ventricular Hypertrophy, and Myocardial Infarction. The

system builds a patient's personal baseline by keeping track of crucial cardiac and lifestyle parameters, placing them on the scale from the

**Beurer GmbH**  
Germany, Ulm  
Soeflinger Strasse 218  
89077 Ulm  
Germany

**Contact**  
Anna-Katharina Peuker  
[presse@beurer.de](mailto:presse@beurer.de)

**Website**  
[www.beurer.com](http://www.beurer.com)  
[www.beurer-healthguide.com](http://www.beurer-healthguide.com)

**Social Media:**



individual norm to pathology to deliver reliable cardiac insights. Cardiolyse's alerting feature notifies both patient and his GP on increased stroke or heart attack risks, enabling the prevention of critical heart events in the midterm. As a device-agnostic cloud platform, Cardiolyse cuts off the need for complicated time-consuming integration by pairing its solution with any type of digital ECG device via universal API (application programming interface). The ecosystem is comprised of customized web dashboards for both patients and physicians, as well as independent Android and iOS applications for each user type needs.

"Global healthcare is in obvious and desperate need for disruptive technologies that will support its digital transformation to serve the emerging challenges of both healthcare providers and personal health-conscious patients", commented Anna Starynska, co-founder and CEO at Cardiolyse. "Our primary goal here is to provide timely and data-driven insights for physicians and cardiologists to support the cost-effective patient-centric diagnosing approach and more accurate self-care solutions for patients. Thanks to Beurer's wide distribution network and Cardiolyse analytics platform, more people will be able to elicit cardiac risks at an early stage and make crucial lifestyle adjustments on time".

Cardiolyse is now on its pre-commercialization stage. The cloud platform is fully operational, with the proprietary algorithms been validated within multiple pieces of research and pilot projects. Specifically, starting from 2016, the company has been involved in the 500,000 ECG recordings analysis initiated by Oxford Nuffield Department of Population Health and China Kadoorie bank.

### **About Cardiolyse**

Established in 2016, Cardiolyse is a cloud predictive cardiac analytics platform, that enables automatic electrocardiogram (ECG/EKG) interpretation for real-time remote heart health monitoring and delivers the personalized data-based middle term prognosis on dangerous heart events. The solution is CE-certified for automatic detection of 19 types of Arrhythmias with its patented algorithms, standing behind the Universal ECG Score calculation and the Personal Baseline development. It's a device-agnostic B2B solution with the Universal SDK provided for fast and seamless integration with any leads number digital ECG device. The ecosystem of integrated cardiovascular disease management and prevention consists of the web dashboard and user-friendly Android and iOS applications with both doctor's and patient interfaces. The company's headquarters are in Helsinki, Finland, with offices in London, UK and Kyiv, Ukraine.

## About Beurer

Beurer was founded in 1919 in Ulm and is synonymous with health and well-being. Today the long-standing company leads the way in several product fields in this segment; the company is the market leader in Europe in the area of flexible heating and the market leader in Germany for blood pressure monitors and massage products. Beurer is also one of the leading European suppliers of personal scales. This portfolio is constantly being developed further in all areas and offers products for use at home. It includes personal scales, kitchen scales, luggage scales, air cleaners, air dehumidifiers, air washers, thermo hygrometers, aroma diffusers, blood pressure monitors, blood glucose monitors, mobile ECG devices, hearing amplifiers, pulse oximeters, nebulisers, clinical thermometers, a sleep sensor, wake-up lights, a snore stopper, brightlights, infrared lamps, TENS/EMS devices, massage products (foot massage, Shiatsu massage, massage chairs, massage cushions, fasciae massage, compression leg therapy), a relaxing aid, hair removal devices (classic, IPL, laser), FaceCare and HairCare products, a cellulite releaZer, cosmetics mirrors, manicure/pedicure sets, a BabyCare line, basal thermometers, activity sensors, an activity watch and heart rate monitors. USB ports and *Bluetooth*<sup>®</sup> enable an increasing number of Connect products to connect to the growing Beurer app world and/or software. The family-run company operates a global distribution network in more than 100 countries and currently has a workforce of around 1000. Further information is available at [www.beurer.com](http://www.beurer.com).