

Significant expansion to use of Spektikor ECG-indicator

A compact and disposable heart rate indicator, developed by Spektikor Oy in Oulu, has been in extensive use in ambulances at accident sites during first-aid care since the start of the year 2015. The benefits of this device developed for multi-patient situations have now been realized also at the hospitals internal use.

Oulu University Hospital has extended the use of Spektikor to basic medical care. During rush hours, the patients in need for constant observation wait along the corridor while Spektikor helps the medical staff to monitor patients' condition efficiently. Monitoring is often needed also during patient transfer inside the hospital. The cordless and lightweight heart rate indicator is easily movable with the patient.

According to **Juha Kippola**, the assistant head of the Oulu region joint emergency services, the experience of the use of Spektikor is very positive: **"The device is easy to operate the heart rate is well readable and effortless to report. It is also at advantage when patients are relocated inside the hospital or during rush hour when ECG monitors are scarce."**

Oulu University Hospital has collaborated on the development of the disposable ECG-indicator right from the beginning and put it into use when Spektikor was launched. At that time, the main application was at multi-patient situations, where several monitors are required.

"Cooperation with Oulu University Hospital has been vitally important to our product development. Identification of even the smallest practical needs together with the experts may bring large savings in the costs of the care chain" says Spektikor Oy's Managing Director Kari Kivistö.

Spektikor facilitates the measurement of the heart rate and saves time for patient care.

The most important benefit of Spektikor is that it saves time because you do not need to measure the patient's heart beat manually. The device attached to patient's chest visualises the heart rate and frequency numerically and with blinking lights. Critical changes in patient's condition are noticeable even from a distance. A patient's heart rate can easily be monitored also in the dark, in noisy environments or during transport.

Additional information, images and videos at:

www.spektikor.com , www.spektikor.com/media/

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Spektikor Oy is a company that specializes in single-use medical electronic devices. Spektikor ECG-indicator was certified as a medical device for the first time in 2012 and the updated versions (DHBI-1 and DHBI-2) were certified at fall 2014. The company's clientele consist of several hospital districts, refineries and the Finnish Defense Forces.