



Smarter Care: improving efficiency and safety through automated monitoring of vital signs

In many clinics, vital signs are still measured manually - time-consuming and prone to errors. Digital systems for automated monitoring offer a modern solution: they relieve the burden on specialist staff, enable seamless recording and improve patient safety by recognising critical changes at an early stage. The result: fewer complications, lower costs and more time for the essentials - direct patient care.

Pain: Recording vital signs today - resource-intensive and incomplete

Healthcare professionals invest a lot of time every day in manual measurements and documentation - time that is lacking elsewhere and that impacts on job satisfaction. At the same time, critical changes often go unnoticed as vital signs are only recorded selectively. The result: avoidable complications and unnecessary costs for the clinic.

Gain: Automated vital sign recording - for greater efficiency and patient safety

Automated recording of vital signs significantly reduces the time required for routine activities. This systematically frees up human resources so that they can be utilised where they create the greatest added value - in direct patient care. This not only increases job satisfaction but also improves the quality of care. At the same time, seamless monitoring enables early detection of clinical deterioration, which reduces complications and avoids unnecessary treatment costs. This results in a clear efficiency gain for clinics - with noticeably higher patient safety.



Solution: Leitwert Device+Hub is an open software platform for automated data acquisition with wearables and seamless integration into hospital systems - data sovereignty remains entirely with the hospital.



Leitwert AG, founded in 2014 at ETH Zurich, specialises in seamlessly integrating connected medical wearables into clinical processes and IT systems to exploit the potential of wearable sensors for the benefit of patients and hospitals. Our comprehensive IoMT-Device+Hub platform brings together portable (mobile) sensors and data-driven applications to improve the quality and efficiency of care through digitalisation.

Leitwert AG
 Bubenbergstrasse 2, CH-8045 Zurich
 +41 44 512 29 60
 info@leitwert.ch
 www.leitwert.ch

Please contact us:



Non-binding potential assessment for your clinic



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