



PaMo – Increasing Patient Safety by Monitoring - from critical care to regular wards -

Effective post-operative pain medication is important for recovery, but it also induces risks as over medication can easily lead to respiratory suppression, which may be lethal. In addition to human errors in dosing, increasing usage of patient-controlled analgesia is increasing the incidence of the severe adverse events. Currently, technology-based patient monitoring is limited mainly to post-anesthesia and intensive care units. This is due to the high cost of the monitoring governed by the equipment cost and required maintenance.

We want to increase patient safety also in the regular wards by bring available an affordable wearable monitoring solution that is able to accurately detect developing respiratory suppression as well as other high-risk events including cardiac arrhythmias and general decline in the patient status caused e.g. by internal bleeding. Our solution has huge potential that extends beyond all regular hospital wards also to home care.

COMPETITIVE ADVANTAGE

- The whole ward covered with a single system
- Affordable technological solutions to enable semi-disposable wearable units
- Highly accurate embedded algorithms and alarm logic

SEARCHING FOR

- Clinical partners to evaluate and validate the solution
- Partners with wide international contact networks to potential customers, distributors, and funding bodies
- Industrial partners for system productization

TEAM

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