

Device for Passive Clinical Assessment

Intellectual Property

Patent Pending

Lead Inventor

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Licensing Contact

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Desired Partnership(s)

Ready to License
Commercial Co-Development

Categorized As

Biometric Diagnostics
Care Coordination
Medical Devices

Unmet Need

Gathering biometric data for a thorough assessment is resource-intensive but necessary for an accurate diagnosis. A delay in a diagnosis of an acute illness can result in significant patient harm. Healthcare professionals rely on verbal and visual symptom details provided by the patient. However, not all symptoms are typical, nor can they all be detected by a visual eye examination. Thus, professionals may struggle to understand the full scope of the patient's current health status at intake, resulting in a delay of a diagnosis or an inaccurate diagnosis.

Solution/Technology

This device encompasses various monitoring and data collection systems that allow passive and remote monitoring of a patient by healthcare professionals, enhancing the ability to triage a patient based on non-visual health indicators.

Advantages

- Biometric data analysis provides full view of patient's health to better triage, diagnose, manage, and prioritize
- Continual patient monitoring allows professionals' focus to be allocated more appropriately
- Electronic medical record integration increases fidelity of data by eliminating need for manual entry
- Passive collection of patient data reduces need of immediate, human intervention