CLEW

FDA-cleared, AI-driven clinical surveillance and predictive analytics platform for early patient deterioration detection in high-acuity care.

https://clewmed.com

Overview

CLEW is an intelligent clinical surveillance platform that utilizes FDA-cleared, AI-powered predictive analytics and proprietary machine-learning models to forecast patient deterioration up to eight hours before physiological signs or other monitoring systems would indicate.

The platform is designed to support high-acuity care, initially in Virtual ICUs (VICUs) and Tele-ICUs, but has expanded to all inpatient settings, including the Emergency Department (ED), medical/surgical floors, and perioperative suites. It is built for large, data-rich, enterprise deployments and is EHR-agnostic, collecting and aggregating data from all clinical sources: EMRs, ADT systems, patient monitoring systems, and life support devices to build a real-time physiological profile of each patient.

Key Capabilities & Benefits:

Predictive Accuracy: Peer-reviewed studies show CLEW's predictions are at least five times more accurate than alerts from leading telemedicine systems.

Reduced Alarm Fatigue: The system generates up to 50 times fewer alarms than other monitoring systems, directly addressing nursing burnout and reducing disruptions.

Clinical Tools: Includes the `NotifyMe` smart alerting tool for tailored, multi-parameter alerts, a comprehensive `Unit View` for multi-patient oversight, and a unified patient view that consolidates critical data on the same time scale.

Operational Efficiency: Early intervention opportunities lead to reduced length of stay, improved capacity management, and better resource optimization.

Compliance Support: Offers a Sepsis Virtual Unit (SVU) solution to enhance sepsis detection and SEP-1 compliance.

Key Features

- AI-powered predictive analytics (FDA-cleared Class II)

- Real-time patient deterioration prediction (up to 8 hours in advance)

- Customizable best practice clinical protocols

- NotifyMe smart alerting (low alarm fatigue)

- Unified patient view and Unit View dashboards

- Automated APACHE score documentation

- Sepsis Virtual Unit (SVU)

Pricing

Model: enterprise

Pricing is not publicly disclosed. CLEW is an enterprise solution typically requiring a custom quote based on the size and scope of the health system deployment.

Target Company Size: enterprise

Integrations

EHR systems (EMR-agnostic), ADT systems, Patient monitoring systems, Life support devices, Business Intelligence (BI) tools

Compliance & Certifications

HIPAA, ISO 13485, ISO 27001, ISO 27799, GDPR, FDA 510(k) Class II Medical Device, CE Mark