Patient Vitals Monitoring Technology

krug HEALTHCARE

neteera

Innovative Biometric Technology

Krug Healthcare brings award-winning innovative biometric technology into healthcare spaces. Through our exclusive partnership with Neteera, an industry leader in wireless patient monitoring, many Krug recliners, gliders, guest chairs and patient chairs are available with state-of-the-art, FDA cleared, HIPPA compliant, integrated patient monitoring technology.

Through an imperceptible sensor installed in the back of the chair, critical data, including heart rate and respiratory rate, are tracked, trended and wirelessly transmitted to the care team, enabling quick intervention if a patient is deteriorating. An outstanding solution for Emergency Departments, Acute-Care Environments, Skilled Nursing Units, Behavioral Health Spaces and Post-Surgical Rehabilitation Hospitals.

Waiting Rooms

The integration of the patient vital monitoring sensor directly into Krug seating fills a critical gap in clinical observation. While patients wait comfortably, the micro-sensor technology automatically tracks heart and breathing parameters without requiring staff intervention or patient compliance. Data is collected and sent directly to the care team optimizing staff workflows, improving triage efficiency, and ensuring that high-risk patients are identified instantly—all while preserving a warm, non-clinical waiting aesthetic.

Treatment Spaces

Patients can relax completely during treatment without the discomfort of tangled wires, strapped-on monitors, or sticky electrodes. The integrated sensor continuously monitors vital signs including heart rate, respiration rate, and heart rate variability completely through clothing, offering an un-intrusive, dignified, and stress-free care experience.

Patient Rooms

For caregivers, the integrated sensor automates routine vital checks and the collection of patient data, minimizing the risk of transcription errors. Caregivers receive real-time alerts for early signs of patient distress, allowing for faster interventions, streamlined workflows, and more dedicated time to focus on direct patient interaction. The integrated system automates reducing manual data entry and minimizing the risk of errors.

Multiple & Ganged Seating
Access & Wire Management

Guest & Patient Seating

Faeron Metal Guest & Patient

Faeron Wood Guest & Patient

Solis Guest & Patient

Jordan Guest & Patient

Ascend Recliners

Ascend Exam Recliner

Ascend 3-Position Recliner

Ascend Sleep Recliner

Ascend Recliner Plus

Jordan Recliners & Gliders

Jordan 3-Position Recliner

Jordan Sleep Recliner

Jordan Recliner Plus

Jordan Compact Recliner

Jordan Active Patient Recliner

Jordan Glider

Jordan Glider

Ascend Exam Recliner

Continuous Vital Sign Measurement & Tracking

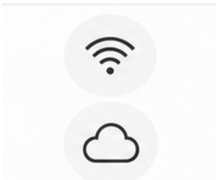
The sensor continuously monitors vital signs and activity through the back of the chair using radar-based technology. Subtle skin movements from the patient's heart rate are detected, measured and tracked around the clock. This data is sent to a centralized dashboard giving the care team equal access to patient insights, analysis and alerts. Data is sent to a single, centralized dashboard or integrated into the facility's EHR system. The care team can access the same data, allowing for consistent standard of care.

Frequently Asked Questions

How does the Neteera System detect vital signs?
The sensors uses high-frequency radar technology to measure micro-movements on the skin's surface caused by the patient's heart pumping and chest movements during breathing.

What is needed to activate the sensor?
Wi-Fi connectivity and access to electricity

Where is the data transmitted?
Data is sent to a centralized dashboard, enabling access to patient insights, analysis, and alerts.

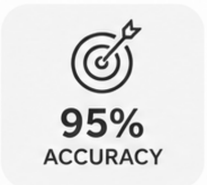


Is the Neteera System FDA-cleared?
The Neteera System is FDA-cleared and CE-certified by NB 2797.

Is the Neteera System compliant with HIPAA and GDPR?
The sensor is HIPAA and GDPR-compliant

How is patient data stored?
Data is stored on Neteera's HIPAA and GDPR-compliant cloud platform.

How accurate is the Neteera System?
The Neteera System measures heart rate and respiration rate with 95% accuracy, validated through extensive clinical studies submitted to and approved by the FDA.



How is data from the sensor integrated into existing electroic health records (EHR) systems?
The sensor collects required information from the hospital's EHR system or receives it via a dedicated applications programing interface (API).

What devices are compatible with the sensor?
Computers, Laptops, Tablet, or Smartphone

What Is the warranty?
The warranty is 3 years.

Certifications

- FDA-Cleared 510(k) Class II Medical Device
- CE Mark With NB Number 2797
- HIPAA, HITECH, GDPR & SOC 2 Type II Compliant
- ISO/IEC 27001:2022
- ISO 13485:2016 & EN ISO 13485:2016

Krug
Environmental

The use of recycled and recyclable materials, combined with environmentally-friendly production processes and packaging, have made Krug's Healthcare products level™-certified, and contributors to LEED™-driven specifications. Krug Healthcare products are certified by the Greenguard™ standard for indoor air emissions, and their unique capabilities for extending product life makes them a responsible environmental choice - and one that will provide exceptional return on investment.

All products are air emissions certified and are available as FSC® certified

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