



BIOX SMART HOSPITAL

Smarter Hospital – Better Care

BIOX has developed an innovative cRPM solution that enables continuous, real-time monitoring and interaction with your patients' vital data, accessible from any device, anywhere, at any time



A scalable, cloud-based remote patient monitoring solution with vendor-agnostic device integration, real time clinical insights, data engagement and visualization tools



Access patients' data in real-time from any device without adding additional hardware

Ease of access to live patient data

Biox's SmartHospital offers a cloud-based remote patient monitoring solution that allows clinicians to access patients' physiological data, including all vital signs, alarms, events, rhythm strips and other related information at any time from any device. Biox offers an integrated system of efficiency tools to allow for automatic patient admits, discharges and transfers, as well as EMR integration and data transfer without staff engagement, ultimately reducing the capacity overload and helps clinicians focus on what they do best—saving lives!



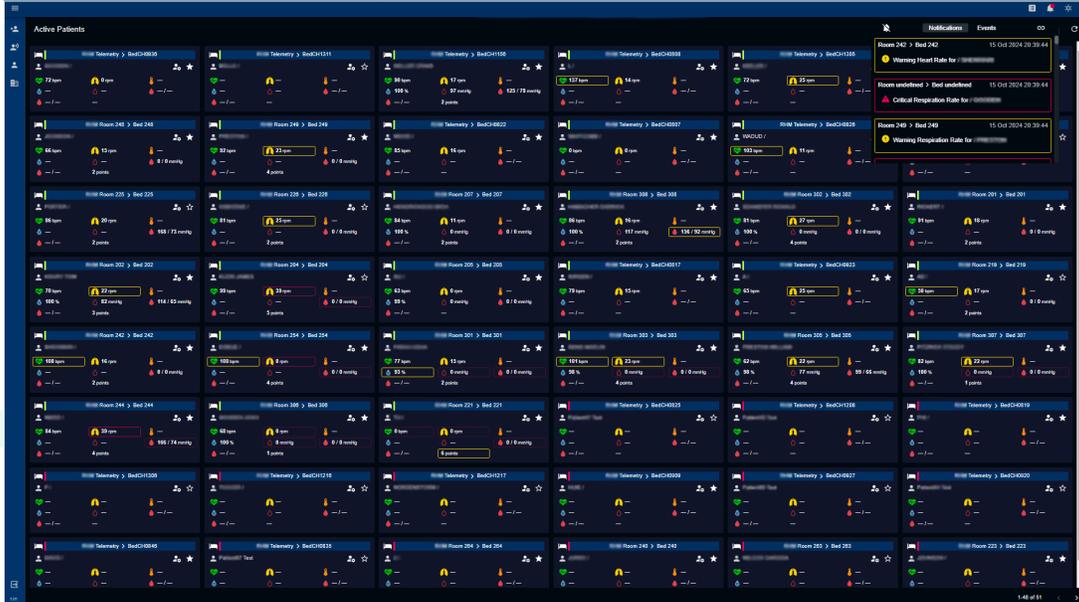
The modern and customizable interface of the Biox Smart Hospital software package was designed for clinicians to have ease of access to patient information with following features:

- Monitor real time vitals and waveforms of multiple patients on one screen,
- Detailed view of all recorded real time vitals with trend charts for each patient,
- Digital Rhythm stripping with labeling tools, digital calipers, printing and export capability,
- Integrated alarm and event system,
- Patient notes,
- Data export capabilities,
- Customizable patient vital templates(different view for different patient on the same screen).



Real time alarm and event system

Biox's SmartHospital software package offers advanced features integrated within the system to alert clinicians of critical vital signs and events. The alarm system of Biox SmartHospital automatically captures and displays alarms and events for each patient. Alarm levels can be changed by clinicians or automatically updated to match settings on devices. Alarms can be both visual and sound, to reduce alarm fatigue. Alarm and event history is also saved and accessible for clinicians.



Access to historical data and graphs of previously hospitalized patients in any time of need

Biox's SmartHospital is designed to provide access to the vital sign history of patients to support quick diagnosis and evaluation of their current health conditions. The vital sign history is displayed in the form of graphs to help physicians see trends and track the health status of patients with just a glance. Hospitals can also download datasheets of all timestamped vital signs recorded while patients were hospitalized and/or monitored.





Access from any device, any time anywhere

Live access to medical data of hospitalized patients provided by our SmartHospital platform assists clinicians in monitoring their progress from anywhere, using a pc, tablet or a smartphone.

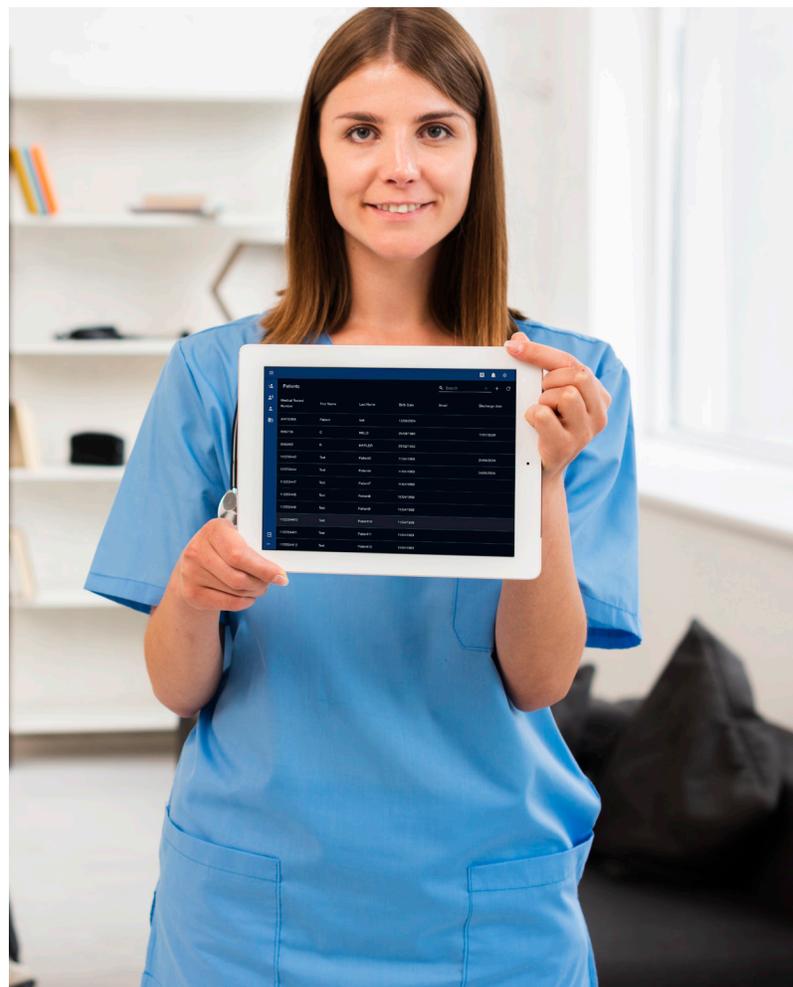
The access to vital sign information in real time ensures faster analysis and assessment of patients' current clinical condition, as well as faster reaction to changes in condition. It also allows for decentralized care and offsite consultations (eyes in the sky care models).



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Customizable patient templates Unique approach to every patient's needs.

- Every patient is unique, requiring a tailored approach to care. Monitored parameters can vary greatly depending on the patient's condition—whether they're on ventilation, dialysis, or post-op recovery etc. With limited screen space, flexibility is key. This is why we offer a customizable template feature, for our multi-patient views.
- This allows users to create a special template that your whole organization can use, and change the parameters you are viewing in one click. This allows for the ease of creating a unique approach to every patient's care, enhances staff efficiency and improves patient outcomes.



Digital Rhythm Striping

Fed up with calipers and calculators?

Say goodbye to piles of ECG paper, manual cutting, scanning, and hand measuring and reprinting



A dashboard that allows customization alerts for each patient

Biox Smart Hospital introduces a fully digital rhythm strip solution featuring:

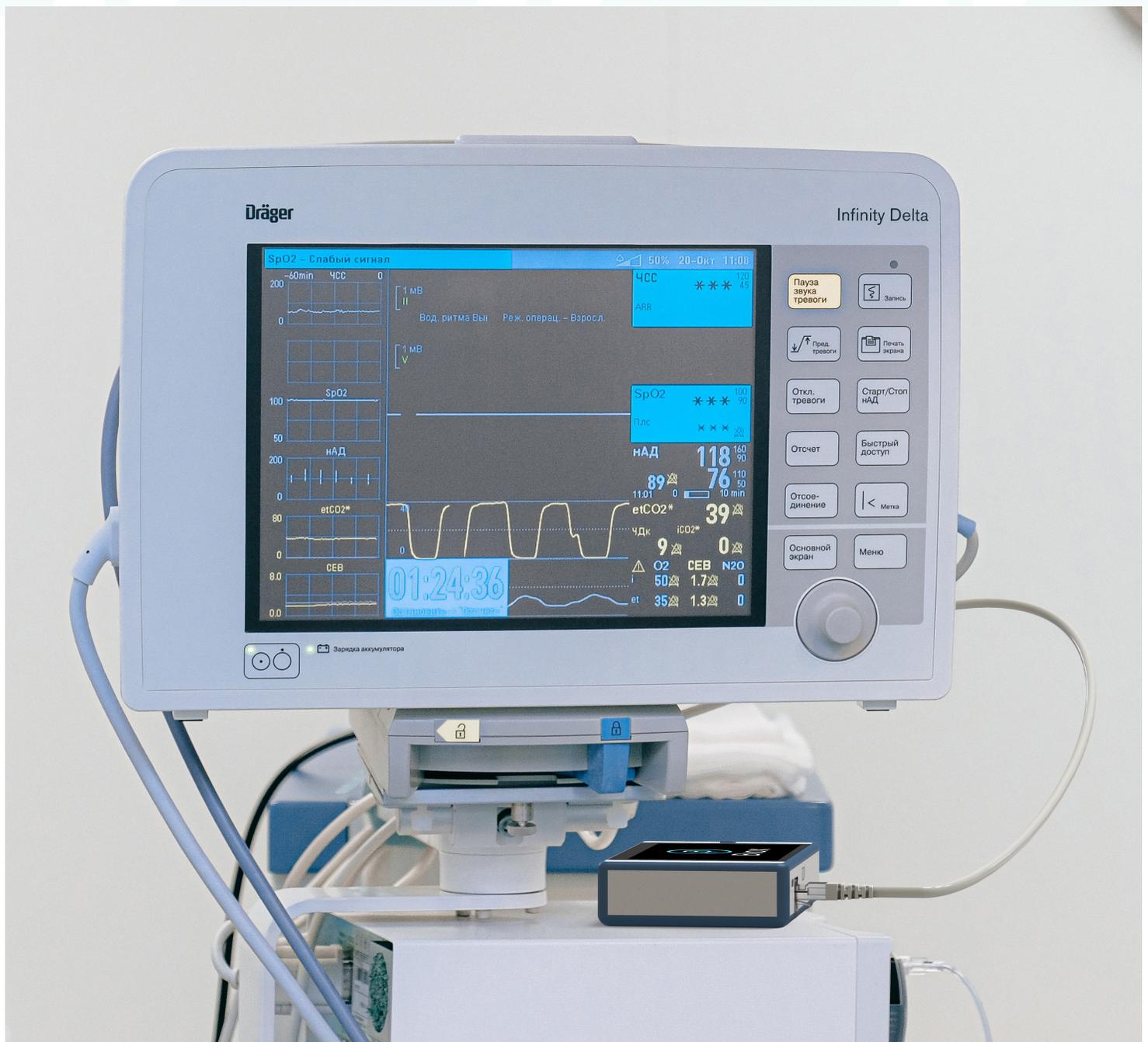
- 12-lead 2-second view, 3-lead 6-second view, and dynamic 2-lead 3-minute strips
- Access to full ECG history instead of a snippet in time
- Digital calipers for precise measurements
- Automatic display of vitals recorded during strip time periods
- Segment labeling with auto-labeling and interval calculations
- Rhythm and event labeling, plus note creation
- Custom labels with measurements directly on the strip
- Automatic capture of events and rhythms from devices, displayed on the strip
- Quick strip sharing via link for faster consultations
- Simple print and export options
- Seamless EMR integration, automating work order management and review

Operational efficiency benefits:

- Average strip labeling and measuring time decreased by 3 min per strip
- Average 30 min/shift saved by not sorting and delivering documents
- Less strips returned after review
- Average \$1,100 saved in annual supply costs per bed
- Time and cost saving by not having to move, sort and keep paper records

Quick and easy deployment

- Our system is fully vendor-agnostic, currently supporting over 500 devices, with new additions every day
In many cases, no additional hardware is needed, depending on the devices already in use on-site
- If we don't yet support devices you use, we're committed to developing that integration at no extra cost to you
- Full service setup and user training in under 30 days.
- Deployable on cloud or internal hospital infrastructure



Benefits of remote patient monitoring

Patient Impact:

- **27%** Decrease in Post-Op Complications
- **23%** Decrease in ICU Transfers
- **38%** Decrease in Failure-to-Rescue Events
- Shortened Hospital Stays by **1.5** Days
- **15%** reduction in ICU mortality
- **76%** reduction in hospital readmission rate



Institution Benefits:

- Cost Reduction and improved outcomes
- Operational efficiency improvements
- Improved resource allocation
- Improved data accessibility and collection
- Streamlining the communication in patient care
- Enhanced patient engagement



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