

Life Scope E5

Bedside Monitor BSM-2500 Series

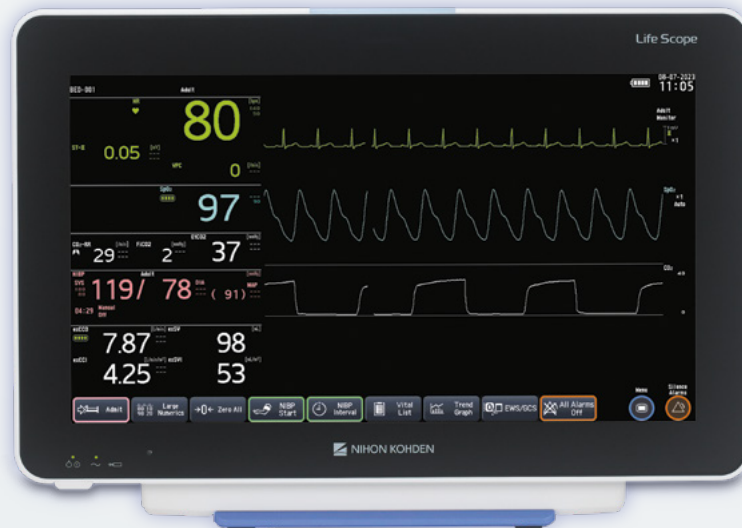
Visualize Essential Insights



What we can do for Patients, Caregivers and Healthcare

The Life Scope E is a new series of patient monitors, of Japan's renowned craftsmanship and technological expertise, providing essential information and precise parameters. It is designed to empower healthcare professionals with the critical data needed for informed decision-making, ultimately improving patient monitoring across different hospital departments.

Despite its advanced capabilities, the Life Scope E series remains cost-effective, ensuring accessibility for healthcare institutions. Its commitment to quality, affordability, and patient care sets it apart as a valuable tool in the medical field.



Life Scope E5 is available in 3 different screen sizes (15.6 inch, 12.1 inch and 10.1 inch).

Emergency Department

In the Emergency Department, patients with various diseases and symptoms seek immediate care. Timely identification of the underlying causes of their conditions and prompt treatment are pivotal in improving patient outcomes. The Life Scope E5 plays a crucial role in making previously hidden patient information visible, thereby supporting more accurate diagnoses.

Intensive Care Unit

The complexity of ICU patient cases, with sometimes unknown medical histories and several medical disciplines involved, require clear visibility of essential insights. Nihon Kohden's unique technologies will support care givers to improve patient safety.

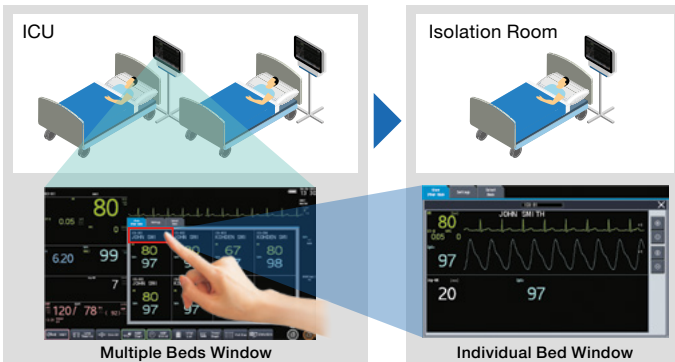
Step-Down/Ward

Once patients' conditions are stabilized, they are moved to the general ward where fewer parameters are monitored, potentially delaying the detection of any deterioration.



Customizable Display

The recent pandemic has transformed the working environment and challenges for caregivers and hospitals. Minimizing infection risk is vital for both patient safety and caregivers. The Large Numerics Screen allows easy checking of patient vital data from afar. Additionally, the interbed function enables monitoring of a patient's condition from another network-connected monitor.



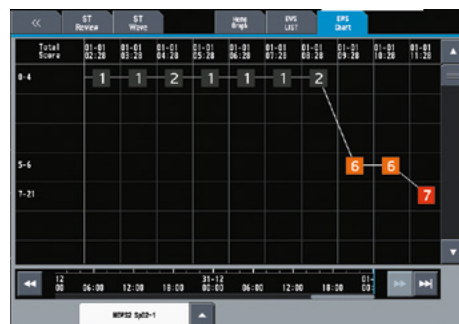
Evaluation of Cognitive and Arousal Responses

Assessing patients' neurological function can be challenging. The Glasgow Coma Scale (GCS) assists caregivers in evaluating the severity and urgency of a patient's neurological condition.

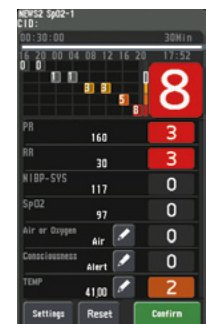


Early Detection of Deterioration

The body often shows signs before entering a critical state. These signs include respiratory rate, body temperature, and systolic blood pressure. Understanding these signs can help prevent cardiac arrest and other sudden changes. The Early Warning Score (EWS) aids in evaluating patients' risk of deterioration in a simple manner, leading to earlier assessment and care.



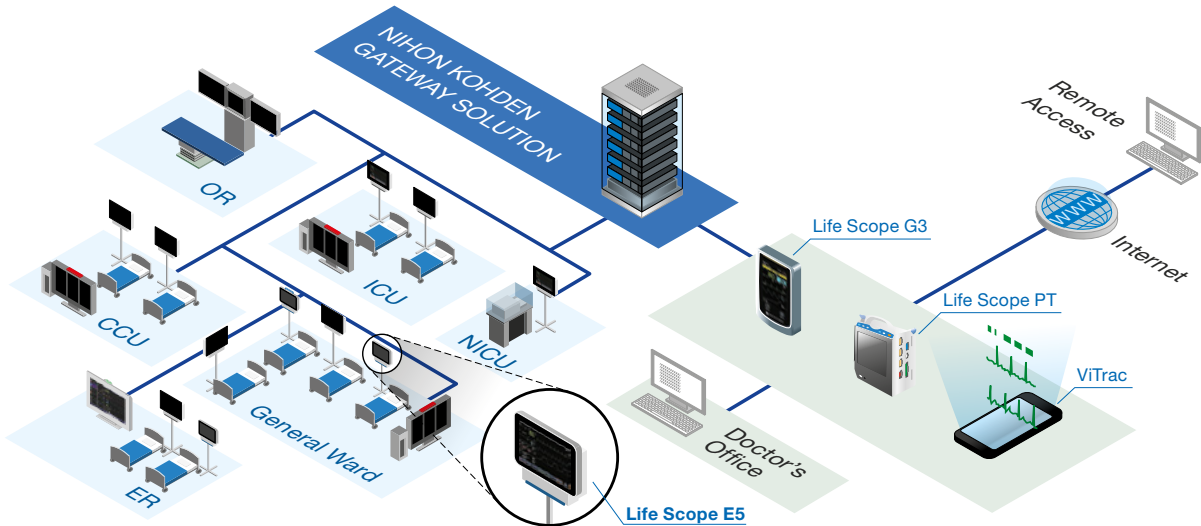
You can see the trend of the EWS score



When the EWS score is shown on the home screen

Data Accessibility – Anywhere and Anytime

Nihon Kohden's gateway solution allows access to patient data from anywhere at any time. It also provides data output for integration with the EMR. Multiple installation solutions and a variety of screen angles enable perfect integration into your hospital environment and ideal monitor adjustment to your eye level. This leads to better efficiency and higher comfort in daily work.



Multiple Installation Options

We offer multiple installation solutions to accommodate various hospital settings. Our adjustable screen angles ensure perfect integration into your hospital environment and ideal monitor adjustment for your viewing comfort. This leads to better efficiency, higher ergonomics, and increased comfort in daily work.



For installation at eye level



For installation lower than the eye level



When carrying with cables wrapped around the cable hook



When hooked on a bed rail

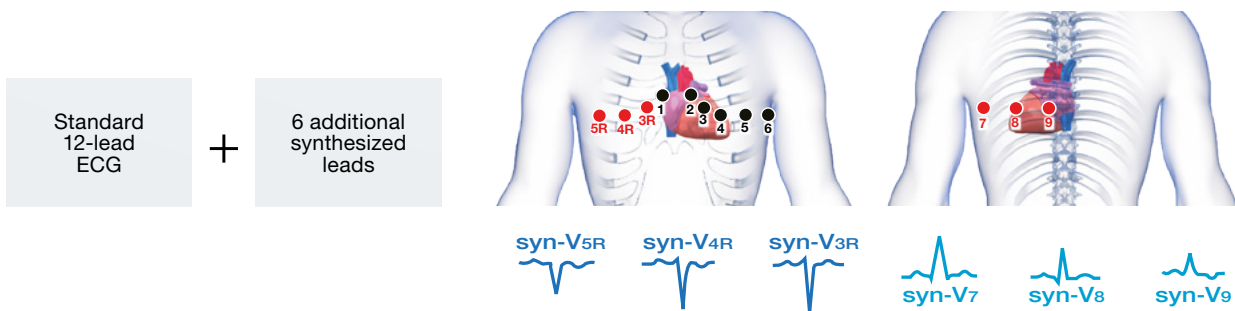
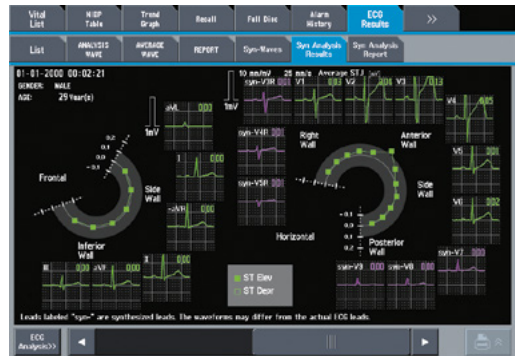


Mounting example
*For more information please contact your Nihon Kohden representative

Identify Invisible Ischemia



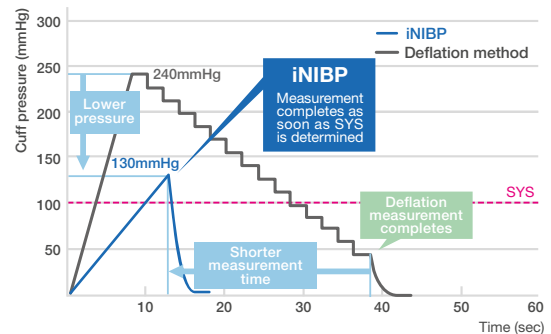
When a patient presents with chest pain, it's crucial to gather comprehensive information. Is a standard 12-lead ECG sufficient to identify a suspected acute myocardial infarction? What if the patient has a right ventricular or posterior wall myocardial infarction? With synECi18, we can reveal additional information and visualize the right ventricular and posterior wall from a standard 12-lead ECG without any extra procedures.



Leverage Comfort and Surveillance



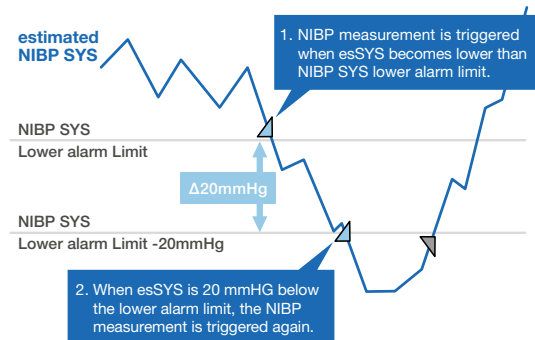
In emergency settings, a patient's blood pressure can fluctuate dramatically depending on their condition and disease progression. Early detection of these changes is vital for prompt intervention. Nihon Kohden's iNIBP technology detects systolic and diastolic blood pressure during cuff inflation, enabling faster, gentler, non-invasive blood pressure measurement. Additionally, our PWTT (Pulse Wave Transit Time) triggered NIBP measurement increases the chance of detecting sudden changes in blood pressure.



With the unique technology of iNIBP, measurement finishes approx. 20 seconds faster than the conventional method.



PWTT (Pulse Wave Transit Time) triggered NIBP measurement increases the chance of detecting a sudden change in blood pressure. When PWTT is set to ON, the monitor calculates the estimated NIBP systolic pressure using PWTT and if it exceeds the alarm threshold for NIBP systolic pressure, NIBP is measured automatically.



It works the same way when esSYS becomes higher than NIBP SYS upper alarm limit.

Elevate Quality of Care



Monitoring patients after the removal of a transpulmonary thermodilution catheter or those at high risk but not being monitored invasively can be challenging. Caregivers may miss deteriorating patient conditions when rapid hemodynamic changes occur. Our unique technology, esCCO (estimated Continuous Cardiac Output), bridges this gap. esCCO non-invasively monitors hemodynamic trends and helps caregivers identify hidden patient risks.

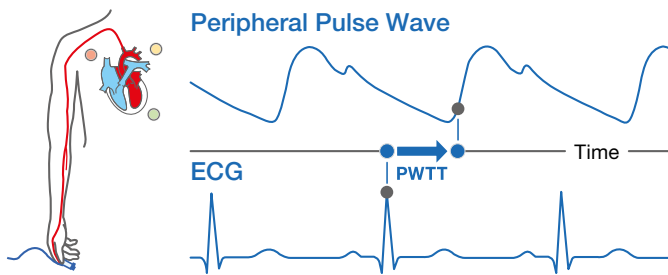


Figure: Pulse Wave Transit Time derived from ECG and pulse oximetry signal



You can visually see which parameter is the reason why the calibration is not proceeding.

Enhance Safety for Sedated Patients



During therapeutic or diagnostic procedures that require sedation, continuous monitoring of End-Tidal Carbon Dioxide (ETCO₂) is essential for patient safety. Studies indicate that continuous ETCO₂ monitoring reduces the frequency of hypoxemic events during procedures with moderate sedation. Life Scope E5 supports ETCO₂ monitoring in both intubated and non-intubated patients using the cap-ONE CO₂ sensor. This mainstream CO₂ sensor doesn't require sampling tubes, allowing for quick response and stable, long-term measurements. Its ultra-compact and highly durable design redefines mainstream CO₂ sensors.





Improving Healthcare with Advanced Technology

Since its foundation back in 1951, Nihon Kohden's mission has been to improve the quality of life with advanced technology. We provide solutions for diagnosis, critical care, clinical information, and in vitro diagnostics – and we are dedicated to collaborate with you to meet the challenges of healthcare today and tomorrow.

Visit www.nihonkohden.com to find out more.

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