

# Rethinking Telemetry— and Its Impact on Healthcare

Wireless technology that  
improves care and  
reduces costs



# Thinking differently about telemetry.

You know it better than anyone—the challenge of improving quality while controlling costs is still with us—and telemetry is one area where this challenge has a dramatic impact both on patients and hospitals.

At Nihon Kohden, we're thinking differently about telemetry. Consider this:

What if you could monitor your at-risk patients throughout the facility and in the process improve care

and reduce costs? And what if monitoring of your at-risk patients knew no bounds? With our family of multi-parameter telemetry products you could simultaneously watch over all patients, including those with cardiac conditions and co-morbidities, such as sleep apnea, obesity, and patients on opioid drips located in medical/surgical units.

Now you can.

Nihon Kohden offers the industry's most robust telemetry technology, bringing you immediate clinical and financial benefits.





# Advanced telemetry for at-risk monitoring

It's vital that clinicians be able to quickly and accurately assess and document their patients' condition, in real time.

The Nihon Kohden CNS-6201 is an advanced telemetry system with the following features:

## Enhanced User Interface

Features direct-access keys to clinical information.

## Fully Customizable

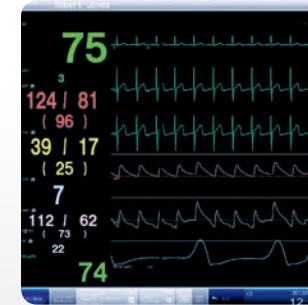
Clinicians can customize screens with a few simple keystrokes, enabling them to view the data they need, in the format they want.

## Scalable

The system can accommodate up to 32 patients.

Better, faster assessment of patient information on a larger scale.

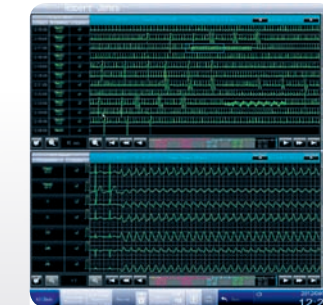
Clinicians can perform important assessment-related functions:



Individual patient review



Menu of review screens



Full-disclosure review



Customization of review screens





# The industry's most robust line of transmitters

Nihon Kohden's telemetry transmitters are ideal for patients that require ambulatory monitoring, from the traditional cardiac telemetry units to the medical/surgical floors. We have the right transmitter for the entire patient population regardless of acuity level or location.



# The benefits of Defensive Monitoring

It's clear that earlier detection of patient distress results in faster intervention and higher patient safety. Yet, continuous patient monitoring typically takes place only in areas where patients are deemed most at risk, such as ICU and cardiac telemetry. Defensive Monitoring provides continuous vital sign surveillance to the traditionally un-monitored, at-risk patient located in the medical/surgical units.

A new algorithm for patient monitoring

The Nihon Kohden Defensive Monitoring strategy includes the Prefense® Early Detection and Notification System™. Our fifth-generation Prefense system features an FDA-cleared smoothing algorithm, providing a more accurate representation of a patient's condition. With Prefense, surveillance is both constant and efficient. Caregivers immediately get the vital information they need to determine the status of their patient—resulting in faster interventions when required, while reducing false alarms by more than 75 percent.

## Monitors and displays:

NTX/ZM-540/541PA



Monitors ECG (3 or 6 lead), respiration, continuous SpO<sub>2</sub>, and NIBP  
Battery life: 24 hours with NIBP at 1 hour intervals

ZM-530/531PA



Monitors ECG (3 or 6 lead), respiration, and continuous SpO<sub>2</sub>  
Battery life: 60 hours

ZM-520/521PA



Monitors ECG (3 or 6 lead) and respiration  
Battery life: 72 hours



Monitored Parameters:  
Heart Rate, Pulse Oximetry, Respiration, Non-Invasive Blood Pressure, EtCO<sub>2</sub>

The advantages are significant:

- Enhanced and reliable point of care surveillance
- Decrease unplanned and costly ICU and cardiac telemetry admissions
- Better bed utilization while reducing length of stay

Prefense can immediately help hospitals meet their dual challenge of increasing quality while cutting costs.

# Different thinking to address today's challenges

Faced with the challenge of improving care quality—while controlling costs—healthcare providers seek business partners who enable real change. Who think differently.

At the forefront of change within the healthcare continuum, Nihon Kohden is uniquely suited to empower providers to meet these challenges and surpass patient quality and safety initiatives. Nihon Kohden provides quality, reliable technology, and drives integration at the clinical level, across all care areas. As a result, with Nihon Kohden technology, clinicians can access a higher level of information, enabling more accurate diagnoses and ultimately, better outcomes.



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MMLB 058 (A)-CO-0266