VS-900
Vital Signs Monitor

Mindray

VS-900
Vital Signs Monitor

Simplicity Meets Flexibility

Vertical pole clamp

Trash bag clip

Bedrail clamp

Wall mount

Cable management

Quick release

Mindray
healthcare within reach

"To minimise risk, optimise workflow and improve decision making…- those are the key challenges we face today."

Efficient and convenient workflow

The needs of medical practitioners and patients are the ultimate driving force of Mindray's innovation. Today, Mindray is bringing the monitoring of vital signs to a new level, providing intelligent information that optimises your workflow.

ADT server:
Patient admission can be drastically simplified via ADT connection, and adding a barcode scanner makes this procedure just two simple steps: scan the barcode and cofirm.
The scanner reads 1D and 2D barcode and RFID card information and automatically distinguishes between patient and clinician information.
Automatically checks whether patient information matches EMR system database, ensuring patient information accuracy.

Quick measurement
Motion-tolerant SpO$_2$, quick NIBP measurement, SmarTemp™ or Genius™ 2 tympanic temperature measurements acquire patient's vital signs data rapidly.

EWS
Helps to identify potential critical patients, assuring early clinical intervention.
Automatically refreshes patient realtime scoring results when measured data changes.
Supports review and manual modification of evaluation items before saving, assuring the accuracy of scoring results.

EMR (Electronic Medical Records):
Measured data can be easily transmitted to your EMR anytime, anywhere. In addition, you can manually enter patient information to make the clinical record more complete.
Measured vital signs and Manual input parameters (such as Pain Level and Glucose) can be quickly saved on VS-900 and automatically sent to EMR.
Supports direct connection to EMR via HL7 with simple network settings.

BeneVision/HyperVisor VI central monitoring system:
The status of the patient can be obtained from both bedside and nurse station, greatly reducing the caregivers' workload. Also allows additional accessibility to patient data via laptop, tablet PC, or even smart phone.
Supports wired and wirless connection (2.4G/5G dual band Wifi), improving network stability.
Enterprise-level encryption: WEP, WPA-PSK, WPA-TKIP, WPA2-PSK and WPA2-AES, guaranteeing data safety.
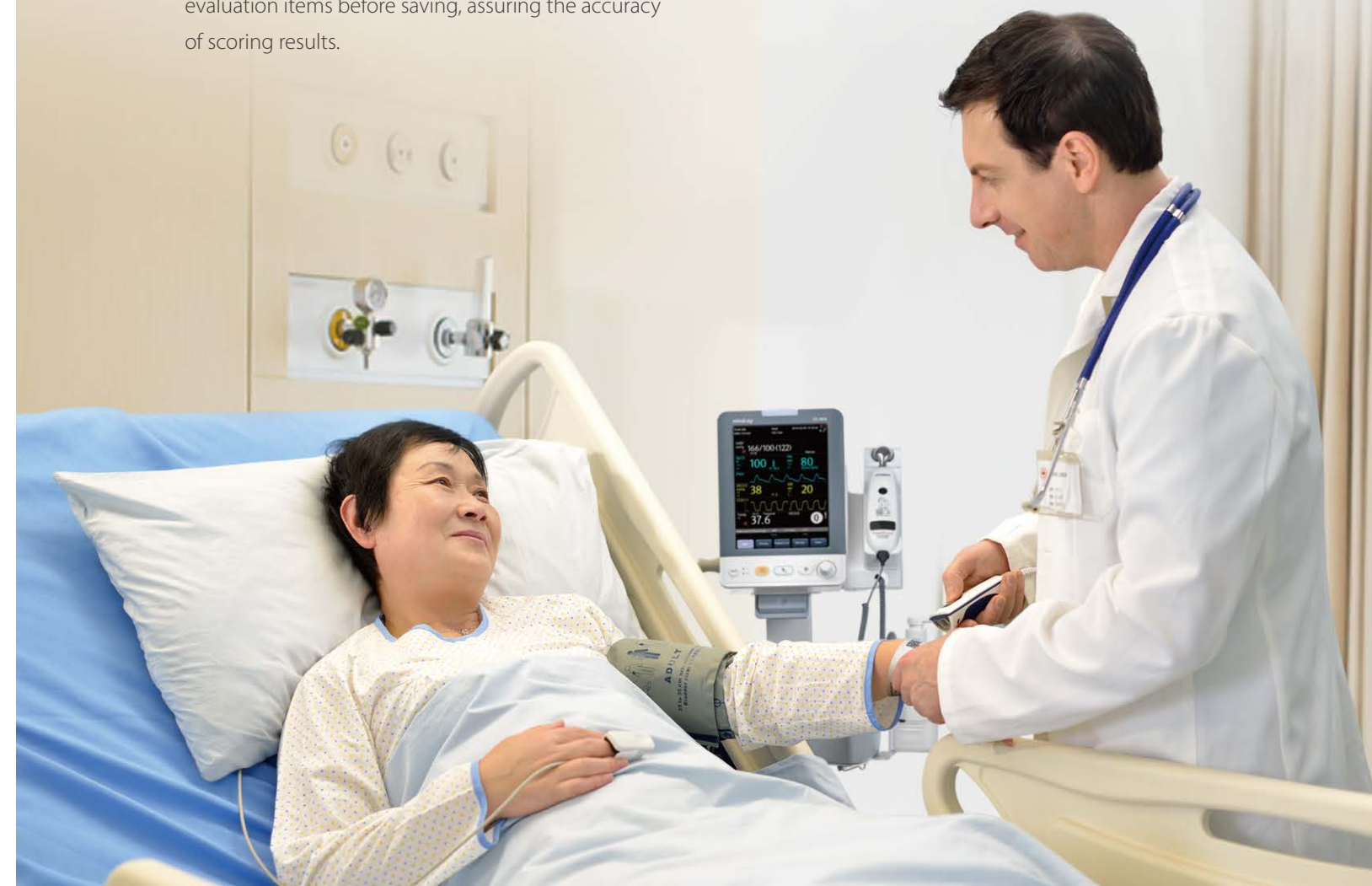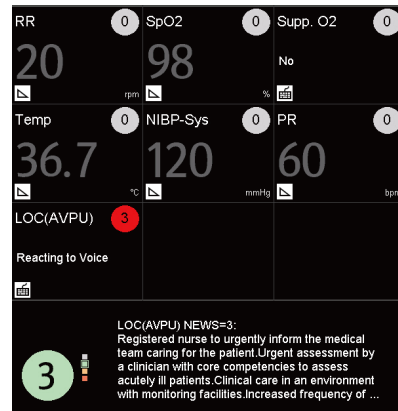
Clinical scoring for NEWS & MEWS
—Now offers customisation that fits right into your clinical workflow
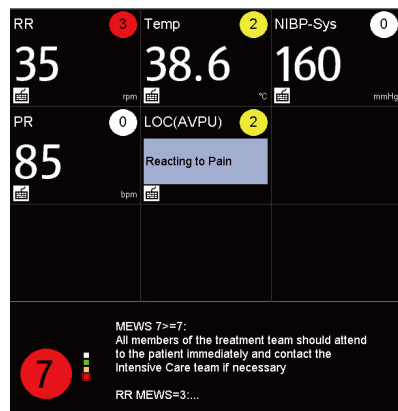
National Early Warning Score (NEWS)

Established scoring system in the UK, standardising the assessment of acute-illness severity in the NHS.

LOC(AVPU) NEWS=3:
Registered nurse to urgently inform the medical team caring for the patient.Urgent assessment by a clinician with core competencies to assess acutely ill patients.Clinical care in an environment with monitoring facilities.Increased frequency of ...

PHYSIOLOGICAL PARAMETERS	3	2	1	0	1	2	3
Respiration Rate	≤8		9-11	12-20		21-24	≥25
Oxygen Saturations	≤91	92-93	94-95	≥96			
Any Supplemental Oxygen		Yes		No			
Temperature	≤35.0		35.1-36.0	36.1-38.0	38.1-39.0	≥39.1	
Systolic BP	≤90	91-100	101-110	111-219			≥220
Heart Rate	≤40		41-50	51-90	91-110	111-130	≥131
Level of Consciousness				A			V,P,orU

Modified Early Warning Score (MEWS)

The most common and simple guide to quickly determine the degree of illness in a patient.

MEWS 7>=7:
All members of the treatment team should attend to the patient immediately and contact the Intensive Care team if necessary

RR MEWS=3:...

PHYSIOLOGICAL PARAMETERS	3	2	1	0	1	2	3
Systolic BP	<70	71-80	81-100	81-100		≥200	
Heart Rate		<40	41-50	51-100	101-110	111-129	≥130
Respiration Rate		<9		9-14	15-20	21-29	≥30
Temperature		<35.0		35.0-38.4		≥38.5	
Level of Consciousness				A	V	P	U

Customise scoring system your real needs

User customisable score protocols.
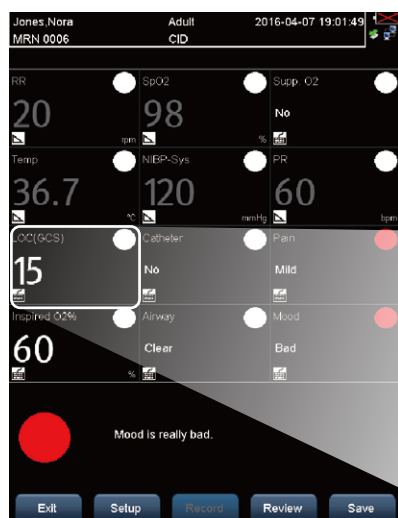
· Flexible in selecting parameters included in the score for up to 18 parameters
· Flexible in adjusting scoring criteria of each parameter
· Flexible in adjusting the clinical responses of each range of total score

5

The VS-900 can support up to five different Scorings. Also, different Scorings can be selected according to the corresponding patient type.

Score colour can be customised to meet the user needs of different countries and regions.

Score Results can be reviewed and sent directly to the EMR system.

Comprehensive information on a single monitor

8.4″ colour LCD screen, touch screen optional

Alarm indicator, 360° view

Excergen Temporal*Scanner*™ thermometer

Barcode scanner, 1D, 2D & RFID (optional)

Power ON/OFF

Alarm silence

NIBP measurement

Rotary knob

Patient admit & back to main screen

Advanced multi-parameter functionality

NIBP
Customised, automatic and manual NIBP monitoring modes are selectable for different clinical applications. In customised mode, different interval periods can be defined according to the clinical application, and the caregivers' workload can be greatly reduced.

SpO$_2$
PI (Perfusion Index) of SpO$_2$ helps caregivers to find the best sensor position. It is also a valuable indicator for the changing health status of neonatal patients.

Temp- SmarTemp™ module
Improved SmarTemp™ measurement provides fast and accurate oral, axillary or rectal temperature reading.

Excergen Temporal*Scanner*™ Thermometer
The temporal artery thermometry module is fully integrated with the VS900 and easy to detach.
The temperature value can be displayed in real-time and stored on the monitor.
The thermometer does not contact with mucous membranes, thus greatly reducing the risk of cross contamination.
No probe covers and easy cleaning between patients with a disinfectant wipe, provide the means for cost.

Sidestream CO$_2$
ARTEMA sidestream CO$_2$ technology with a sampling rate of 50ml/min meets measurement requirements for patients with low tidal volume.
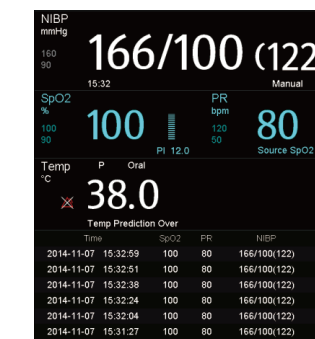Realtime monitoring of patient's ventilation status and alarms ensures patient safety.
Via the CO$_2$ adapter, Oridion™ sampling accessories could work with VS900 for CO$_2$ measurement.

Flexibility

Portable design
Compact structure and comfortable handle design, weighs only 2.5kg, highly portable.

Large capacity lithium battery
Up to 8 hours runtime with internal lithium battery .

Convenient accessories management
Large capacity storage, cable management and specific accessory holders. Easily cleaned to help reduce cross infection risk.

Versatility for spot check and continuous monitoring

Spot check and continuous monitoring without adjusting modes dramatically simplifies the monitoring of a diverse patient population.