VS-900

Vital Signs Monitor

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mindray

Minimising clinical risks and maximising nursing efficiency are key priorities in the emergency department and on wards. From spot checking to continuous monitoring, the Mindray VS-900 is the smart choice for a wide range of hospitals settings, providing the advanced capability to calculate Early Warning Scores to help detect patient deterioration and aid in faster clinical decisions.

8.4" TFT touchscreen
Intuitive operation

360° view indicator of alarm
Easily identify alarms

8 hours running time
Rechargeable Li-ion battery

Lightweight and portable
Weighs less than 2.5kg

Fanless design
Reduces the risk of cross-contamination

Durable and robust casing
Validated for cleaning with 23 leading disinfectants

Maximise Nursing Efficiency

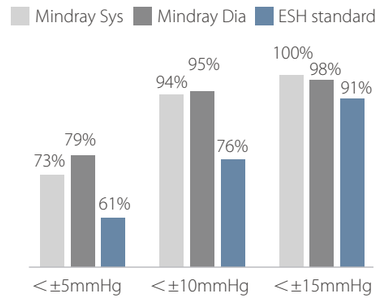
Move easily between patients using the VS-900 roll stand, equipped with many convenient features to make nursing practice much more efficient.

Accurate & Reliable Measurement

VS-900 provides flexible parameter configurations, enabling users to meet their facilities needs. High performance of monitoring technologies provide accurate, trusted measurements.

Blood Pressure

- Fast, accurate and motion tolerant NIBP
- Algorithm validated by British Hypertension Society (BHS)



Validated NIBP Technology
BHS evaluation results of NIBP accuracy

Pulse Oximetry

Industry-leading SpO_2* technology
- Mindray SpO_2
- Nellcor™ OxiMax™
- Masimo SET®

Temperature

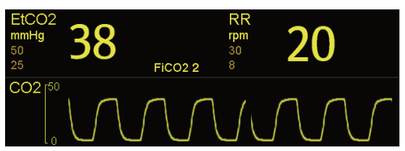
- Exergen TemporalScanner™
  Gentle forehead scanner, paediatric and infant friendly.
  No probe cover required.

- Covidien Genius™ 2 Tympanic Thermometer
  Measurement in less than 2 seconds.

- Mindray SmarTemp™
  Accurate, predictive temp technology. Provides oral, axillary or rectal measurement.

ARTEMA Sidestream CO_2

- Portable respiration monitoring for deterioration and recovery.
- Sampling rate of 50ml/min is appropriate to low tidal volume.



** Mindray provides 3 options of SpO_2 measurement, Mindray, Masimo and Nellcor. For further information about the availability of Masimo and Nellcor SpO_2 contact your Mindray Account Manager.*

Patient Safety

The Mindray VS-900 provides a point-of-care Early Warning Score (EWS) calculator to help caregivers track and document signs of patient deterioration, aiding faster and more informed patient care decisions.

VS-900 provides typical EWS protocols, including

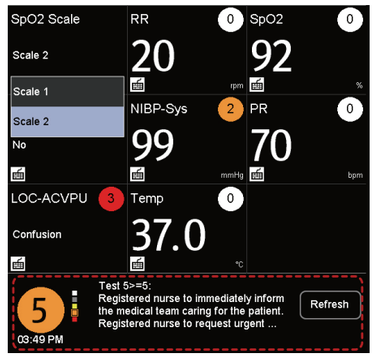
- MEWS (Modified Early Warning Score)
- NEWS (National Early Warning Score)
- NEWS2 (National Early Warning Score 2)
- Alternatively, create custom protocols to suit bespoke facility requirements

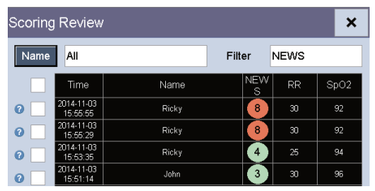
Default EWS protocols simplify scoring and support clinical decisions

Automated scoring for improved accuracy and efficiency:
- Vital signs parameters auto populate in score
- Manual parameters added by caregiver
- Aggregate score calculates

Recommended on-screen clinical responses help to standardise caregivers responses
- Support proper response at point of care

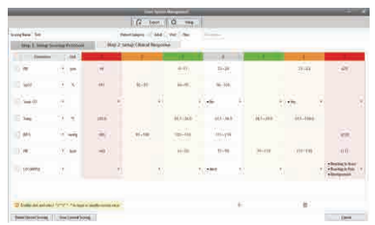
Scoring review on VS-900
- Review multiple patients' score on one screen





Customise an EWS protocol for your facility

- Select up to 20 parameters to score
- Define the clinical responses
- Import the configuration into VS-900 via a USB stick



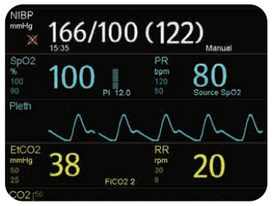
Workflow Efficiency

Improve patient care and streamline workflow by automating vital signs capture using built-in EWS tools. Caregivers are provided with confidence in the accuracy of data and have more time to spend with their patients.

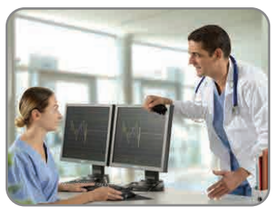
Spot check workflow

Prepare measurement
Get VS-900 and accessories on roll stand ready.

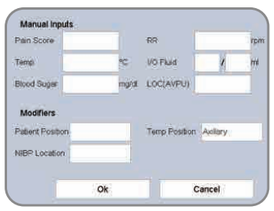
Scan barcode
Caregiver and patient identification.
Positive patient ID.



Take automated vitals
NIBP, SpO_2, Temp measurements.



Send data
Data is directly transmited to the Electronic Patient Record (EPR).

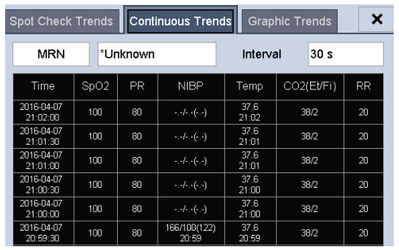


Enter manual parameters
RR, pain score, blood sugar, height, weight, etc.

Score EWS
Use protocol to assess the vital signs.

Accessibility of continuous monitoring

- Reliable SpO_2, PR, CO_2 continuous monitoring and alarm
- NIBP automatic or customisable intervals, reduce workload
- Tabular & graphic trends review



Time	SpO2	PR	NIBP	Temp	CO2(Et/Fi)	RR
2016-04-07 21:02:00	100	80	-/-/-(-/-)	37.6 21:02	38/2	20
2016-04-07 21:01:30	100	80	-/-/-(-/-)	37.6 21:01	38/2	20
2016-04-07 21:01:00	100	80	-/-/-(-/-)	37.6 21:01	38/2	20
2016-04-07 21:00:30	100	80	-/-/-(-/-)	37.6 21:00	38/2	20
2016-04-07 21:00:00	100	80	-/-/-(-/-)	37.6 21:00	38/2	20
2016-04-07 20:59:30	100	80	166/100(122) 20:59	37.6 20:59	38/2	20

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Comprehensive Connectivity Solutions

The Mindray VS-900 helps enhance clinical workflow and efficiency with its flexible and robust connectivity capabilities. Having the VS-900 devices connected to the Central Monitoring Station (CMS) as well as interfaced with the hospital's electronic patient records (EPR), allows caregivers to access secure patient data anytime and anywhere in the hospital.

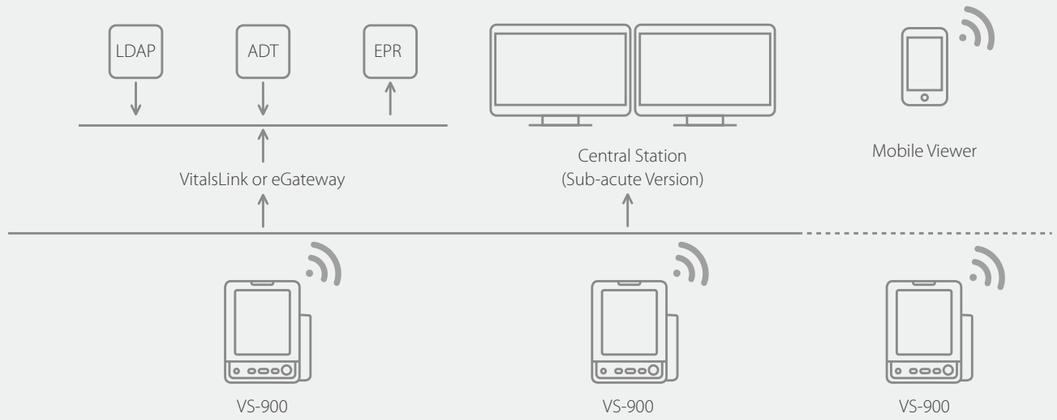
Connect with Cerner's CareAware VitalsLink™

- Direct connection to Cerner CareAware VitalsLink™
- Provides positive patient identification on screen
- Provides verified data from the VS-900 to the EPR

Connect to the Electronic Patient Records via Mindray eGateway

- VS-900 adapts to multiple popular EPR systems for data transmission via Mindray eGateway
- eGateway only needs simple connection setting

VS-900 devices can be easily connected to the CMS and Mobile Viewer, giving clinicians access to their patient data anytime and anywhere in the hospital.



Data security

- Meets the requirements of GDPR (General Data Protection Regulation). Patient privacy is always protected.
- Automatically deletes patient data after sending to the EPR or discharging a patient.

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