Root® with Noninvasive Blood Pressure and Temperature

Expandable, Versatile, and Customizable Patient Monitoring and Connectivity Hub

THE ROOT OF PATIENT CARE

Masimo

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Patient Monitoring and Connectivity Platform with Noninvasive Blood Pressure and Temperature

Streamline clinician workflows with Root, a versatile patient monitoring and connectivity platform. Root integrates noninvasive technologies usually found on multiple separate devices into one comprehensive, powerful vital signs monitor.

Noninvasive Blood Pressure and Temperature (NIBPT) Measurement

Compatible with a variety of disposable and reusable blood pressure cuffs for adult, pediatric, infant, and neonatal patients

Integrated temperature monitoring

Optional TIR-1™ non-contact Bluetooth® thermometer

NIBP Modes

Adaptable to various workflows, with three NIBP measurement modes:

- **Automatic Interval –** Root can measure blood pressure automatically at fixed or varying intervals to facilitate routine spot-checks
- **Stat Interval –** Root can automatically take consecutive blood pressure measurements for up to 10 minutes to aid in critical cases
- **Spot-check –** On-demand blood pressure measurement

Temperature

Adaptable to various workflows, with two optional temperature measurement types:

- Integrated oral/axillary temperature module to fit various workflows and use cases
  - Spot-check and continuous modes
  - Multi-site application
- Optional wireless thermometer reduces risk of patient cross-contamination
  - Non-contact infrared measurement
  - Bluetooth connectivity to Root

Integrated Monitoring

Root brings multiple high-impact innovations such as Masimo SET® Measure-through Motion* and Low Perfusion™ pulse oximetry, upgradeable rainbow SET™ measurements, as well as rainbow Acoustic Monitoring® for broad application across the continuum of care.

- Instantly interpretable, high-visibility display of Masimo's breakthrough rainbow® and SET® measurements from Masimo's Radical-7 handheld monitor and Radius-7 wearable monitor
- Intuitive, touchscreen navigation for easy and adaptable use in any hospital environment
- Highly customizable, with the ability to integrate and swap out either Radical-7 or Radius-7 based on the use case (bedside or ambulation)

Radius-7® Wearable Patient Monitor

Radical-7® Handheld Monitor

* Masimo SET® Measure-through Motion technology includes SpO_2 and PR.

Expanded Monitoring

Masimo Open Connect® (MOC-9®)

> MOC-9 modules expand Root's monitoring capabilities with additional Masimo and third-party measurement technologies, allowing clinicians to connect the most applicable monitoring solutions

Root with NomoLine® Capnography provides sidestream CO_2 and multi-gas monitoring with moisture removal technology

Other Available MOC-9 Modules

Root with Next Generation SedLine® Brain Function Monitoring utilizes four simultaneous channels of EEG data to provide continuous information about the state of the brain under anesthesia

Root with O3® Regional Oximetry uses near-infrared spectroscopy (NIRS) to enable monitoring of tissue oxygen saturation (rSO_2) in the brain

Connected Monitoring

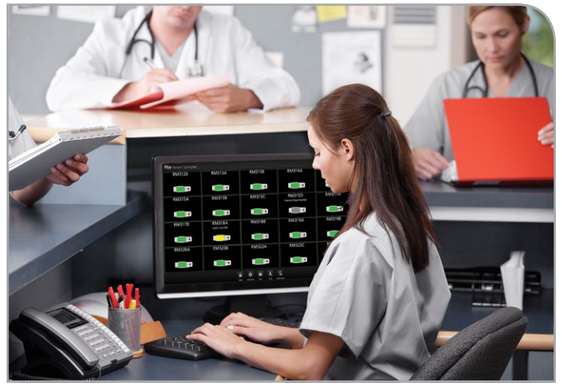
Advanced Connectivity with Iris Gateway™

Bedside Device Monitoring

> Connect third-party devices to Root using Iris® ports

> Automatically and continuously transfer device data, waveforms, and alarms to Patient SafetyNet™* or Iris Gateway

> Display near real-time data from Root and connected third-party devices on Patient SafetyNet's central view station



EMR Integrated Monitoring

> Optimize care provider workflows by automatically charting data from Root and connected third-party devices in the patient's electronic medical record (EMR)

Remote Monitoring and Alarm Notification

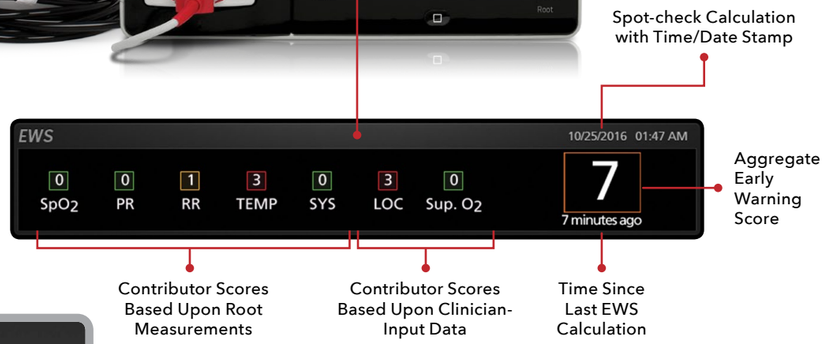
> With Replica™, send patient bedside device alarms directly to available clinicians, with automatic escalation, helping facilitate quick patient assistance

*The use of the trademark PATIENT SAFETYNET is under license from University HealthSystem Consortium.

Tailored Monitoring

Configurable Early Warning Scores (EWS)

Root automates the calculation of EWS. EWS systems help clinicians by providing standardized scores to aid them in evaluating the degree of deterioration (or improvement) in a patient's status. By automating the calculation, which is based on Root-measured physiological contributors, clinician-entered data, and each care area's or institution's EWS protocol, Root facilitates efficient clinical workflows, so that clinicians can spend more time with patients, not performing manual calculations.



- EWS protocol configurations can be customized based on hospitals' determination of up to 14 contributors and their relative scoring weights
- EWS is initiated by the clinician and automatically calculated, with the option of displaying configurable score-specific prompts, as determined by hospital guidelines, to guide patient management
- EWS trends are available on Root, allowing clinicians to quickly visualize changes in patient status over time

EMR Push

Combining Continuous and Spot-Check Workflows

- EMR Push gives clinicians the ability to transfer spot-check measurements, observations, and EWS from the patient bedside into EMRs on demand, helping to build more comprehensive records
- EMR Push can be initiated without interrupting continuous monitoring mode
- Enhance workflow efficiency by having all data gathered at a single point of entry, with the ability to include up to 30 manual-entry values

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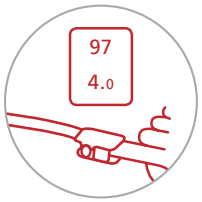
Vital Signs Check

Vital Signs Workflow

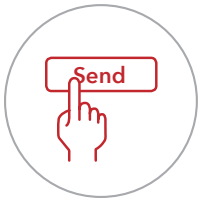
- Seamless transition from continuous to vital signs check mode
- Vital signs check mode automates data collection and charting

Vital Signs Workflow

1. ADT barcode scanning for patients and clinicians



2. Collect and review measurements



3. Send to EMR with Iris connectivity

EWS is not licensed for sale in Canada.

Caution: Federal (USA) law restricts this device to sale by or on the order nstructions for use for full prescribing information, is, contraindications, warnings, and precautions.

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