<table>
<thead>
<tr>
<th>Technology Name</th>
<th>Company/Origin</th>
<th>Type/detection method</th>
<th>Features</th>
<th>Functions</th>
<th>Price</th>
<th>Certificate</th>
<th>Website</th>
<th>Additional Information/References in Research Papers</th>
</tr>
</thead>
</table>

**References:**
[10], [11], [12], [13], [14], [15], [16], [17], [18], [19], [20], [21], [22], [23], [24]
Oximetry

Hill-Rom Chicago, Illinois Vital Signs Monitor

Non-invasive oximetry of patients to monitor or dose. No direct physical contact with patient required (e.g. cuffs). Elevate foot rest allows patients’ legs view of “sign of patient deterioration” in advance.


Finger cuff

Terumo Tokyo Monitoring Platform

Bioactive, non-invasive patient oximetry. Provides reliable, non-invasive, oxygen saturation readings, with fast accurate and reliable readings.


Fingertip pulse oximetry

IntelliVue MX750 Philips Healthcare Amsterdam, Netherlands Monitoring System

- Provides both regional and pulse oximetry.
- Quickly alerts the user to changes in patient hemoglobin saturation.
- Incorporates proven technology, delivering 12 critical continuous blood parameter readings, including oxygen delivery (DO2). The system permits users to select blood pressure parameters, such as systolic, diastolic pressure, perfusion.

https://www.philips.com/healthcare/product/HC867030/intellivue-x3-patient-monitor

ELI 380 Resting Electrocardiograph

Phillips Healthcare Amsterdam, Netherlands Monitoring System

Puritan Bennett 560 Ventilator

Johnson & Johnson

Edwards Lifesciences California

Edwards Lifesciences California

Edwards Lifesciences California

Boston Scientific Massachusetts

Vital Signs Monitor

Bedside Patient Monitor

Mechanical Ventilator

With fast accurate and reliable readings, portable, easy to use.

Smaller, lighter and less intrusive signal processors, sensors and transducers (Pediatric and adult) monitoring solution.

Continuous oxygen delivery, 12 critical blood parameter readings,食品安全, handle designed for ergonomics.

coating, handle designed for ergonomics.

Smooth tip-to-dilator transition, braided shaft with silicon rubber coating, handle designed for ergonomics.

Allow for sheath visualisation on the CARTO 3 System map, clear picture of the pressure sensor, no flush device.

Gold plated connector wires, snap-tab flush device available, straight fluid path across the pressure sensor.

Redesigned self coiling mechanism, used together with Edwards HemoSphere platform, incorporates five precise wavelengths of near infrared light, integrates with Edwards HemoSphere platform, interior that wraps snugly around the patient’s fingers.

Incorporates proven technology, delivering 12 critical continuous blood parameter readings, including oxygen delivery (DO2). The system presents the physiological status of a patient in real-time, thoughtfully validated and patented algorithm.

Predictive decision support software, compatible products, interventions, screens, parameters, modular design, works from a ward, Felix multifunctional battery, “Achromatic” material.

Presents the physiological status of a patient in real-time, thoughtfully validated and patented algorithm.

Wireless Communicator for patients to send patients' implant without needing to visit the hospital. Keeps health care provider updated about patient's vital signs, surveillance in a hospital's system.

Displays blood pressure/pulse rate/temperature/oxygen saturation readily available to you when you want to view them.

Displays heart rate, respiratory rate and minute volume.

Display heart rate, respiratory rate and minute volume.


https://cvgroup.com/products/ProductDetail.aspx?groupId=3&familyID=879&country=1

https://www.philips.com/healthcare/product/HC867030/intellivue-x3-patient-monitor

https://www.edwards.com/gb/devices/hemodynamic-monitoring/ForeSight

https://www.edwards.com/gb/devices/hemodynamic-monitoring/ev1000

https://www.edwards.com/gb/devices/pressure-monitoring/transducer


https://www.philips.co.uk/healthcare/product/HC866980/earlyvue-vs30-bedside-patient-monitor

https://www.philips.com/healthcare/product/HC867030/intellivue-x3-patient-monitor

https://www.philips.com/healthcare/product/HC867030/intellivue-x3-patient-monitor

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<table>
<thead>
<tr>
<th>Device/Model/Technology/Country</th>
<th>Manufacturer</th>
<th>Description/Functionality/Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dräger Patient Monitor</td>
<td>Dräger</td>
<td>Modular docking station for continuous monitoring, minimal patient contact, accurate and reliable monitoring. Can be placed on any bed or stretcher. Supports monitoring standards such as EUGenesys. Can be used in various environments, including critical care areas. <strong><a href="https://www.draeger.com/en-us_us/Products/Docking-Station">View</a></strong>.</td>
</tr>
<tr>
<td>Dräger Patient Monitor</td>
<td>Dräger</td>
<td>Evolutionary Patient Monitor featuring enhanced patient comfort and reduced patient burden. Supports comprehensive monitoring, including continuous monitoring, data transmission, and remote monitoring. <strong><a href="https://www.draeger.com/en-us_us/Products/Evolutionary">View</a></strong>.</td>
</tr>
<tr>
<td>Dräger Patient Monitor</td>
<td>Dräger</td>
<td>Prioritize patient safety and comfort with this advanced patient monitor. Provides comprehensive monitoring, including continuous monitoring, data transmission, and remote monitoring. <strong><a href="https://www.draeger.com/en-us_us/Products/Infinity">View</a></strong>.</td>
</tr>
<tr>
<td>Dräger Patient Monitor</td>
<td>Dräger</td>
<td>Advanced patient monitor designed for critical care environments. Features comprehensive monitoring, including continuous monitoring, data transmission, and remote monitoring. <strong><a href="https://www.draeger.com/en-us_us/Products/Infinity">View</a></strong>.</td>
</tr>
<tr>
<td><strong>Additional Devices</strong></td>
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</tr>
<tr>
<td>Cardiac Output Measurment</td>
<td>Dräger</td>
<td>Provides continuous and accurate hemodynamic monitoring, including cardiac output and stroke volume. <strong><a href="https://www.draeger.com/en_uk/Products/Perseus-A500">View</a></strong>.</td>
</tr>
<tr>
<td>Venous Oximetry</td>
<td>Getinge</td>
<td>Provides real-time venous oxygen saturation monitoring for neonatal patients. Integrates with infant monitors for comprehensive neonatal care. <strong><a href="https://www.getinge.com/uk/product-catalog/cevox-technology/">View</a></strong>.</td>
</tr>
<tr>
<td><strong>Additional Devices</strong></td>
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</tr>
<tr>
<td>Blood Pressure Monitor</td>
<td>Omron</td>
<td>Compact and portable blood pressure monitor suitable for home use. Measures blood pressure, heart rate, and other vital signs. <strong><a href="https://omronhealthcare.com/products/complete-upper-arm-blood-pressure-monitor-bp8000m/">View</a></strong>.</td>
</tr>
<tr>
<td>Blood Pressure Monitor</td>
<td>Omron</td>
<td>Advanced blood pressure monitor with multiple memory modes and a large, easy-to-read display. Measures blood pressure, heart rate, and other vital signs. <strong><a href="https://omronhealthcare.com/products/blood-pressure-monitor-bp7900/">View</a></strong>.</td>
</tr>
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</tr>
<tr>
<td>Echocardiography</td>
<td>Siemens Healthineers</td>
<td>High-resolution ultrasound imaging system for comprehensive cardiovascular imaging and monitoring. Supports real-time image analysis and comprehensive diagnostic reporting. <strong><a href="https://www.siemens-healthineers.com/medical-imaging-it/cardiovascular-it-solutions/echocardiography">View</a></strong>.</td>
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