

| Technology Name   | Company/Origin                                   | Type/detection method                               | Features   | Functions  | Price | Certificate  | Website   | Additional Information/References in Research Papers  |
|---|--|---|--|--|-------|--------------|---|---|
| Confirm Rx ICM  | Confirm Rx ICM                                   | Confirm Rx ICM                                      |  |  |       |              | <a href="https://www.cardiovascular.abbott/us/en/patients/living-with-your-device/arrhythmias/insertable-cardiac-monitor/confirm-rx-icm.html">https://www.cardiovascular.abbott/us/en/patients/living-with-your-device/arrhythmias/insertable-cardiac-monitor/confirm-rx-icm.html</a>   | <a href="https://www.cardiovascular.abbott/us/en/hcp/products/cardiac-rhythm-management/confirm-rx-insertable-cardiac-monitor.html">https://www.cardiovascular.abbott/us/en/hcp/products/cardiac-rhythm-management/confirm-rx-insertable-cardiac-monitor.html</a> <a href="https://www.abbott.com/corpnewsroom/healthy-heart/heart-monitoring-everywhere-you-go.html">https://www.abbott.com/corpnewsroom/healthy-heart/heart-monitoring-everywhere-you-go.html</a> |
| CardioMEMS HF System  | Abbott/ Chicago, Illinois                        | Pulmonary artery pressure monitor                   |  |  |       | FDA approved | <a href="https://www.cardiovascular.abbott/us/en/hcp/products/heart-failure/pulmonary-pressure-monitor/cardiomems/about.html">https://www.cardiovascular.abbott/us/en/hcp/products/heart-failure/pulmonary-pressure-monitor/cardiomems/about.html</a>   |   |
| Merlin@Home Transmitter                                       | Abbott/ Chicago, Illinois                        | Patient Monitoring Platform                         |  |  |       |              | <a href="https://www.cardiovascular.abbott/us/en/hcp/products/cardiac-rhythm-management/merlin-home-transmitter.html">https://www.cardiovascular.abbott/us/en/hcp/products/cardiac-rhythm-management/merlin-home-transmitter.html</a>   |   |
| Merlin.net Patient Care Network                               | Abbott/ Chicago, Illinois                        | Patient Monitoring Platform                         |  |  |       |              | <a href="https://www.cardiovascular.abbott/us/en/hcp/products/merlin-patient-care-network.html">https://www.cardiovascular.abbott/us/en/hcp/products/merlin-patient-care-network.html</a>   |   |
| Entrant ICD   | Abbott/ Chicago, Illinois                        | Insertable Cardioverter defibrillators (ICDs)       |  |  |       |              | <a href="https://www.cardiovascular.abbott/us/en/hcp/products/cardiac-rhythm-management/implantable-cardioverter-defibrillators/entrant/about/technology-overview.html">https://www.cardiovascular.abbott/us/en/hcp/products/cardiac-rhythm-management/implantable-cardioverter-defibrillators/entrant/about/technology-overview.html</a> |   |
| Gallant ICD   | Abbott/ Chicago, Illinois                        | Insertable Cardioverter defibrillators (ICDs)       |  |  |       |              | <a href="https://www.cardiovascular.abbott/us/en/hcp/products/implantable-cardioverter-defibrillators/gallant/about.html">https://www.cardiovascular.abbott/us/en/hcp/products/implantable-cardioverter-defibrillators/gallant/about.html</a>   |   |
| Quantien Integrated Measurement System                        | Abbott/ Chicago, Illinois                        |   |  |  |       |              | <a href="https://www.cardiovascular.abbott/us/en/hcp/products/quantien-integrated-measurement-system.html">https://www.cardiovascular.abbott/us/en/hcp/products/quantien-integrated-measurement-system.html</a>   |   |
| Assurity MRI Pacemaker  | Abbott/ Chicago, Illinois                        | Pacemaker   |  |  |       |              | <a href="https://www.cardiovascular.abbott/us/en/hcp/products/cardiac-rhythm-management/assurity-mri-pacemaker.html">https://www.cardiovascular.abbott/us/en/hcp/products/cardiac-rhythm-management/assurity-mri-pacemaker.html</a>   |   |
| MAC VU360 Resting ECG   | GE Healthcare/ Chicago, Illinois (used to be UK) | Diagnostic ECG                                      |  |  |       |              | <a href="https://www.gehealthcare.com/products/diagnostic-ecg/resting-ecg/mac-vu360">https://www.gehealthcare.com/products/diagnostic-ecg/resting-ecg/mac-vu360</a>   |   |
| CA5E Exercise Testing System                                  | GE Healthcare/ Chicago, Illinois (used to be UK) | Diagnostic ECG, sports/exercise                     |  | assess cardiac output during exercise  |       |              | <a href="https://www.gehealthcare.com/products/diagnostic-ecg/stress-exercise-testing/case-cardiac-assessment-system-for-exercise-testing">https://www.gehealthcare.com/products/diagnostic-ecg/stress-exercise-testing/case-cardiac-assessment-system-for-exercise-testing</a>   |   |
| CardioDay 2.5 Holter ECG                                      | GE Healthcare/ Chicago, Illinois (used to be UK) | Diagnostic ECG, sports/exercise                     |  |  |       |              | <a href="https://www.gehealthcare.com/products/diagnostic-ecg/ambulatory/cardioday-holter-ecg-software">https://www.gehealthcare.com/products/diagnostic-ecg/ambulatory/cardioday-holter-ecg-software</a>   |   |
| Mac-Lab   | GE Healthcare/ Chicago, Illinois (used to be UK) | Haemodynamic Recording System                       |  |  |       |              | <a href="https://www.gehealthcare.com/products/invasive-cardiology/mac-lab-it">https://www.gehealthcare.com/products/invasive-cardiology/mac-lab-it</a>   |   |
| ComboLab  | GE Healthcare/ Chicago, Illinois (used to be UK) | Electrophysiology and Haemodynamic recording system |  |  |       |              | <a href="https://www.gehealthcare.com/products/invasive-cardiology/combolab">https://www.gehealthcare.com/products/invasive-cardiology/combolab</a>   |   |
| Cardiolab   | GE Healthcare/ Chicago, Illinois (used to be UK) | Electrophysiology                                   |  |  |       |              | <a href="https://www.gehealthcare.com/products/invasive-cardiology/cardiolab">https://www.gehealthcare.com/products/invasive-cardiology/cardiolab</a>   |   |
| CARESCAPE One Monitor   | GE Healthcare/ Chicago, Illinois (used to be UK) |   |  |  |       |              | <a href="https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-one">https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-one</a>   |   |
| CARESCAPE B850 Monitor  | GE Healthcare/ Chicago, Illinois (used to be UK) |   |  |  |       |              | <a href="https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-b850-monitor">https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-b850-monitor</a>   |   |
| CARESCAPE B650 Monitor  | GE Healthcare/ Chicago, Illinois (used to be UK) |   |  |  |       |              | <a href="https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-monitor-b650">https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-monitor-b650</a>   |   |
| CARESCAPE B450 Monitor  | GE Healthcare/ Chicago, Illinois (used to be UK) |   |  |  |       |              | <a href="https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-monitor-b450">https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-monitor-b450</a>   |   |
| CARESCAPE Central Station                                     | GE Healthcare/ Chicago, Illinois (used to be UK) |   |  |  |       |              | <a href="https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-central-station">https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-central-station</a>   |   |
| CARESCAPE VC150 Vital Signs Monitor                           | GE Healthcare/ Chicago, Illinois (used to be UK) | Vital Signs Monitor                                 |  |  |       |              | <a href="https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-vc150-vital-signs-monitor">https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-vc150-vital-signs-monitor</a>   |   |
| CARESCAPE V100 Vital Signs Monitor                            | GE Healthcare/ Chicago, Illinois (used to be UK) | Vital Signs Monitor                                 |  |  |       |              | <a href="https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-v100">https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/carescape-v100</a>   |   |
| B105 and B125 Patient Monitors                                | GE Healthcare/ Chicago, Illinois (used to be UK) |   |  |  |       |              | <a href="https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/b105-and-b125-patient-monitors">https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/b105-and-b125-patient-monitors</a>   |   |
| B40 Patient Monitor   | GE Healthcare/ Chicago, Illinois (used to be UK) |   |  |  |       |              | <a href="https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/b40-patient-monitor">https://www.gehealthcare.com/products/patient-monitoring/patient-monitors/b40-patient-monitor</a>   |   |
| LINQ II   | Medtronic/ legal headqua                         | Insertable Cardiac Monitor (ICM)                    | Reveal LINQ Mobile manager system/app-based monitoring   |  |       |              | <a href="https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/cardiac-monitors/linq-il.htm">https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/cardiac-monitors/linq-il.htm</a>   |   |
| Reveal LINQ   | Medtronic/ legal headqua                         | Insertable Cardiac Monitor (ICM)                    | Reveal LINQ Mobile manager system/app-based monitoring   |  |       |              | <a href="https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/cardiac-monitors/reveal-linq-icm.html">https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/cardiac-monitors/reveal-linq-icm.html</a>   |   |
| Reveal XT   | Medtronic/ legal headqua                         | Insertable Cardiac Monitor (ICM)                    |  |  |       |              | <a href="https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/cardiac-monitors/reveal-xt-icm.html">https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/cardiac-monitors/reveal-xt-icm.html</a>   |   |
| Cobalt  | Medtronic/ legal headqua                         | Insertable Cardioverter defibrillators (ICDs)       | BlueSync and SmartShock Technology   |  |       |              | <a href="https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/cobalt.html">https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/cobalt.html</a>   |   |
| Crome   | Medtronic/ legal headqua                         | Insertable Cardioverter defibrillators (ICDs)       | BlueSync and SmartShock Technology   |  |       |              | <a href="https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/crome.html">https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/crome.html</a>   |   |
| Visia AF and Visia AF MRI                                     | Medtronic/ legal headqua                         | Insertable Cardioverter defibrillators (ICDs)       | BlueSync and SmartShock Technology   |  |       |              | <a href="https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/visia-af.html">https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/visia-af.html</a>   |   |
| Evera   | Medtronic/ legal headqua                         | Insertable Cardioverter defibrillators (ICDs)       | BlueSync and SmartShock Technology   |  |       |              | <a href="https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/evera-icd.html">https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/evera-icd.html</a>   |   |
| Evera MRI   | Medtronic/ legal headqua                         | Insertable Cardioverter defibrillators (ICDs)       | BlueSync and SmartShock Technology   |  |       |              | <a href="https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/evera-mri.html">https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/evera-mri.html</a>   |   |
| Primo MRI   | Medtronic/ legal headqua                         | Insertable Cardioverter defibrillators (ICDs)       | BlueSync and SmartShock Technology   |  |       |              | <a href="https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/primo-mri.html">https://www.medtronic.com/us/en/healthcare-professionals/products/cardiac-rhythm/icd-systems/primo-mri.html</a>   |   |
| Nellcor Bedside Respiratory Patient Monitoring System, PM100N | Medtronic/ legal headqua                         | Pulse oximetry                                      | SatSeconds alarm and Saturation Pattern Detection (SPD) alert  | SpO2, pulse rate and respiration rate monitoring, detect respiration complications   |       |              | <a href="https://www.medtronic.com/covidien/en-us/products/pulse-oximetry/nellcor-bedsides-respiratory-patient-monitoring-system-pm100n.html">https://www.medtronic.com/covidien/en-us/products/pulse-oximetry/nellcor-bedsides-respiratory-patient-monitoring-system-pm100n.html</a>   |   |
| Nellcor Respiration Rate Software                             | Medtronic/ legal headqua                         | Pulse oximetry                                      | SatSeconds alarm and Saturation Pattern Detection (SPD) alert, complete assessment of patient's oxygenation and respiration, include trending data in real time, comfortable for use   | SpO2, pulse rate and respiration rate monitoring, detect respiration complications   |       |              | <a href="https://www.medtronic.com/covidien/en-us/products/pulse-oximetry/nellcor-respiration-software.html">https://www.medtronic.com/covidien/en-us/products/pulse-oximetry/nellcor-respiration-software.html</a>   |   |
| Nellcor Portable SpO2 Patient Monitoring System, PM10N        | Medtronic/ legal headqua                         | Pulse oximetry                                      | convenient handheld device, 3 inch LCD Screen, connectivity to analytic tools & management systems, compatible with all Nellcor sensors with OxMax technology, SatSeconds alert, pleth waveform, blip bar, tabular trend information   | spot checks or continuous monitoring in healthcare and home settings, accurate SpO2 measurements                           |       |              | <a href="https://www.medtronic.com/covidien/en-us/products/pulse-oximetry/nellcor-portable-spo2-patient-monitoring-system.html">https://www.medtronic.com/covidien/en-us/products/pulse-oximetry/nellcor-portable-spo2-patient-monitoring-system.html</a>   |   |
| Nellcor Beside SpO2 Patient Monitoring System, PM100N         | Medtronic/ legal headqua                         | Pulse oximetry                                      | home care & sleep study mode, compact monitor with built-in handle for easy transport, password-protection for safety, downloadable data for analysis  | real-time patient respiratory monitoring (SpO2, pulse rate and trending data)  |       |              | <a href="https://www.medtronic.com/covidien/en-us/products/pulse-oximetry/nellcor-beside-spo2-patient-monitoring-system-pm100n.html">https://www.medtronic.com/covidien/en-us/products/pulse-oximetry/nellcor-beside-spo2-patient-monitoring-system-pm100n.html</a>   |   |
| Nellcor Beside SpO2 Patient Monitoring System                 | Medtronic/ legal headqua                         | Pulse oximetry                                      | multicolor display screen with black background, backup audible alarm, multiple language graphical user interface, 96-hour trend memory with data captured every 4s, intuitive and user friendly, displays plethysmographic waveforms, pulse amplitude and current SpO2 and pulse rate | signal processing for readings, continuous SpO2 and pulse rate monitoring, trending data, detect respiratory complications |       |              | <a href="https://www.medtronic.com/covidien/en-us/products/pulse-oximetry/nellcor-beside-spo2-patient-monitoring-system.html">https://www.medtronic.com/covidien/en-us/products/pulse-oximetry/nellcor-beside-spo2-patient-monitoring-system.html</a>   |   |
| VitalSync   | Medtronic/ legal headqua                         | Patient Monitoring Platform                         |  |  |       |              | <a href="https://www.medtronic.com/covidien/en-us/products/health-informatics-and-monitoring.html">https://www.medtronic.com/covidien/en-us/products/health-informatics-and-monitoring.html</a>   |   |
| Newport e360 Ventilator                                       | Medtronic/ legal headqua                         | Mechanical Ventilator                               | compact, low cost, FlexCycle, mode selections (with graphics and extensive monitoring), intuitive user interface, support for patients of all ages, automated, automatic Leak Compensation, Dual Control Adaptive Breath Management  |  |       |              | <a href="https://www.medtronic.com/covidien/en-us/products/mechanical-ventilation/newport-e360-ventilator.html">https://www.medtronic.com/covidien/en-us/products/mechanical-ventilation/newport-e360-ventilator.html</a>   |   |
| Puritan Bennett 840 Ventilator                                | Medtronic/ legal headqua                         | Mechanical Ventilator                               |  |  |       |              | <a href="https://www.medtronic.com/covidien/en-us/products/mechanical-ventilation/puritan-bennett-840-ventilator.html">https://www.medtronic.com/covidien/en-us/products/mechanical-ventilation/puritan-bennett-840-ventilator.html</a>   |   |
| Puritan Bennett 980 Ventilator                                | Medtronic/ legal headqua                         | Mechanical Ventilator                               |  |  |       |              | <a href="https://www.medtronic.com/covidien/en-us/products/mechanical-ventilation/puritan-bennett-980-ventilator.html">https://www.medtronic.com/covidien/en-us/products/mechanical-ventilation/puritan-bennett-980-ventilator.html</a>   |   |

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| Puritan Bennett 560 Ventilator                                   | Medtronic/ legal headqua         | Mechanical Ventilator       |  |   |  | <a href="https://www.medtronic.com/covidien/en-us/products/mechanical-ventilation/puritan-bennett-560-ventilator.html">https://www.medtronic.com/covidien/en-us/products/mechanical-ventilation/puritan-bennett-560-ventilator.html</a> |  |  |
| Connex Vital Signs Monitor                                       | Hill-Rom/ Chicago, Illinois      | Vital Signs Monitor         | Touchscreen, multi profiles, measurements in 15s, ethernet/WiFi connection   | Displays blood pressure/pulse rate/temperature/oxygen saturation readily Early Warning Scores; possible "signs of patient deterioration" in advance   |  | <a href="https://www.hillrom.com/en/products/connex-vital-signs-monitor/">https://www.hillrom.com/en/products/connex-vital-signs-monitor/</a>   |  |  |
| EarlySense Vitals Surveillance System                            | Hill-Rom/ Chicago, Illinois      | Vital Signs Monitor         | Personalised verification of patients to register on device<br>No direct physical contact with patient required (no cuffs involved, for example); a flat sensor is placed under the patient's mattress   | Displays heart rate, respiratory rate and motion if any "immediate access" to information needed to detect falls and pressure ulcers  |  | <a href="https://www.hillrom.com/en/products/earlysense-vitals-surveillance/">https://www.hillrom.com/en/products/earlysense-vitals-surveillance/</a>   |  |  |
| ELI 380 Resting Electrocardiograph                               | Hill-Rom/ Chicago, Illinois      | Diagnostic ECG              | Rotatable screen displaying graphs on heart rate + keyboard  | Barcode workflow to register patient information and orders<br>Wireless Acquisition Model (WAM): "untethered" ECG capture for increased efficiency in exams<br>Information can be sent securely to various data management systems  |  | <a href="https://www.hillrom.com/en/products/eli-380-electrocardiograph/">https://www.hillrom.com/en/products/eli-380-electrocardiograph/</a>   |  |  |
| IntelliVue MX750   | Phillips Healthcare/ Amste       | Bedside Patient Monitor     | Cybersecure encryption, smooth integration support, cost-friendly for a bedside device, alarms for surveillance in a hospital  | Actively displays extensive range of measurements (HR, RR, BP, etc.)<br>Integrated RC option: compatible with Windows OS to access information with more versatility<br>Connectable with many devices such as "anesthesia machines and IV [infusion] pumps"   |  | <a href="https://www.philips.co.uk/healthcare/product/HCB66471/intellivue-mx750-bedside-patient-monitor">https://www.philips.co.uk/healthcare/product/HCB66471/intellivue-mx750-bedside-patient-monitor</a>                             |  |  |
| EarlyVue VS30  | Phillips Healthcare/ Amste       | Vital Signs Monitor         | Barcode scanner - decrease manual errors<br>Simplified method of data flow between the monitor and hospital's system<br>Data-secure<br>Adaptable to advances in communication, security, other devices<br>Touchscreen, user-friendly   | Monitor "noninvasive blood pressure, SpO2 [oxygen saturation], pulse, CO2 and respiration rate"   |  | <a href="https://www.philips.co.uk/healthcare/product/HCB63380/earlyvue-vs30-vital-signs-monitor">https://www.philips.co.uk/healthcare/product/HCB63380/earlyvue-vs30-vital-signs-monitor</a>   |  |  |
| IntelliVue X3  | Phillips Healthcare/ Amste       | Patient Monitor             | "Compact, dual-purpose, transportable", user-friendly like a smartphone, integrable with many devices (clinical network infrastructure, host monitors), rechargeable battery, "antimicrobial" material   | View patient's vitals both at-a-glance and in detail ("pressures, additional temperature, cardiac output and capnography [CO2 concentration]"   |  | <a href="https://www.philips.co.uk/healthcare/product/HCB67030/intellivue-x3-patient-monitor">https://www.philips.co.uk/healthcare/product/HCB67030/intellivue-x3-patient-monitor</a>   |  |  |
| LATITUDE Home Monitoring System                                  | Boston Scientific/ Massach       | Patient Monitoring Platform | Secure connections, communicator can be touchscreen, wand or feature push buttons  | Keeps health care provider updated about patients' implant without needing to visit the hospital<br>Wireless Communicator for patients to send data actively  |  | <a href="https://www.bostonscientific.com/en-US/patients/about-your-device/latitude-home-monitoring.html">https://www.bostonscientific.com/en-US/patients/about-your-device/latitude-home-monitoring.html</a>                           |  |  |
| LATITUDE Programming System                                      | Boston Scientific/ Massach       | Implant Monitoring Platform | Portable, battery powered, lightweight, efficient workflow due to versatile programming platform, Bluetooth support, security, hardware that is already widely used  | Cardiac rhythm management programming system - for health care providers to keep track of "implantable pulse generators"<br>Displays many measurements: ECG/EGM traces, heart rate from different leads of Einthoven's triangle and heart chambers, using Integrated Pacing System Analyser application |  | <a href="https://www.bostonscientific.com/en-EU/products/remote-patient-monitoring/LATITUDE-programming-system.html">https://www.bostonscientific.com/en-EU/products/remote-patient-monitoring/LATITUDE-programming-system.html</a>     |  |  |
| HemoSphere Advanced Monitoring Platform                          | Edwards Lifesciences/ California | Monitoring Platform         | Predictive decision support software, compatible products, interventions, screens, parameters, modular design, quick zero cable, mobility, hot swappable battery   | Cerebral desaturations, sepsis management, hypotension, hemodynamic instability   |  | <a href="https://www.edwards.com/gb/devices/hemodynamic-monitoring/hemisphere">https://www.edwards.com/gb/devices/hemodynamic-monitoring/hemisphere</a>   |  |  |
| EV1000 Clinical Platform   | Edwards Lifesciences/ California | Monitoring Platform         | 5 screens options (real-time physiology screen (both intermittent and continuous), the cockpit screen, the goal positioning screen, graphical trend screen and the physician-relationship screen), color coded indicators  | Presents the physiological status of a patient in an intuitive and meaningful way. Provides the choice of parameters you want to view and how you want to view them.  |  | <a href="https://www.edwards.com/gb/devices/hemodynamic-monitoring/ev1000">https://www.edwards.com/gb/devices/hemodynamic-monitoring/ev1000</a>   |  |  |
| ForeSight Elite Tissue Oximetry System                           | Edwards Lifesciences/ California | Tissue Oximetry             | incorporates five precise wavelengths of near infrared light, thoughtfully validated and patented algorithm, sensors, pediatric specific mode, available on HemoSphere advanced monitoring platform so you can view tissue oximetry and advanced hemodynamics on one monitor                               | Highly accurate, precise and tailor able continuous monitoring of oxygen saturation non invasively.   |  | <a href="https://www.edwards.com/gb/devices/hemodynamic-monitoring/foresight">https://www.edwards.com/gb/devices/hemodynamic-monitoring/foresight</a>   |  |  |
| FloTrac system   | Edwards Lifesciences/ California | Sensor                      | Sensor integrates with Edwards HemoSphere platform, attaches to any existing arterial line   | Minimally invasive. Automatically calculates key flow parameters every 20 seconds, manage hemodynamic instability and ensure adequate perfusion.  |  | <a href="https://www.edwards.com/gb/devices/Hemodynamic-Monitoring/FloTrac">https://www.edwards.com/gb/devices/Hemodynamic-Monitoring/FloTrac</a>   |  |  |
| ClearSight system  | Edwards Lifesciences/ California | Finger cuff                 | Redesigned self cuffing mechanism, used together with EV1000 Clinical Platform, interior that wraps snugly around the patient's finger, versatile sizes, validated ClearSight technology, indicators inside the cuff ensure correct positioning, color coded sizing window ensures appropriateness of size | Noninvasive continuous hemodynamic monitoring to optimize perfusion.  |  | <a href="https://www.edwards.com/gb/devices/hemodynamic-monitoring/clearsight">https://www.edwards.com/gb/devices/hemodynamic-monitoring/clearsight</a>   |  |  |
| TruWave disposable pressure transducers (Adult)                  | Edwards Lifesciences/ California | Single use transducer kit   | Available in multiple configurations to meet clinical needs (single, double, triple), tubing length and color options available, straight fluid path across the pressure sensor, gold plated connector wires, snap-tab flush device  | Relay blood pressure information from a pressure monitoring catheter to a patient monitoring system. Safe, reliable and accurate monitoring solution.   |  | <a href="https://www.edwards.com/gb/devices/pressure-monitoring/transducer">https://www.edwards.com/gb/devices/pressure-monitoring/transducer</a>   |  |  |
| TruWave disposable pressure transducers (Pediatric and Fussless) | Edwards Lifesciences/ California | Single use transducer kit   | Pediatric: Available in multiple configurations and tubing length options, 30 cc flush device, straight fluid path across pressure sensor.<br>Fussless: Available in multiple configurations, straight fluid path across pressure sensor, no flush device.   | Pediatric: Relay blood pressure information from a pressure monitoring catheter to a patient monitoring system. Safe, reliable and accurate monitoring solution.<br>Fussless: Intracranial pressure monitoring  |  | <a href="https://www.edwards.com/gb/devices/pressure-monitoring/transducer">https://www.edwards.com/gb/devices/pressure-monitoring/transducer</a>   |  |  |
| CARTO VIZIGO Bi-directional Guiding Sheath                       | Johnson & Johnson/ New Jersey    | Sheath                      | Allow for sheath visualisation on the CARTO 3 System map, smooth tip-to-islator transition, braided shaft with silicon coating, handle designed for ergonomics   | Allows understanding of the spatial relationship between catheter and the sheath during navigation, understanding of orientation during catheter manipulation.  |  | <a href="https://www.inimedicaldevices.com/en-EMEA/product/carto-vizigo-bi-directional-guiding-sheath">https://www.inimedicaldevices.com/en-EMEA/product/carto-vizigo-bi-directional-guiding-sheath</a>                                 |  |  |
| CDI Blood Parameter Monitoring System 550                        | Terumo/ Tokyo                    | Monitoring System           | Continuous oxygen delivery, 12 critical blood parameter values, unique fluorescence sensor technology, large color liquid crystal display, average response time in seconds  | Incorporates proven technology, delivering 12 critical continuous blood parameter readings, including oxygen delivery (DO2). The system quickly alerts the user to changes in patient status during cardiopulmonary bypass surgery.   |  | <a href="http://terumo-cyrcroup.com/products/ProductDetail.aspx?groupId=3&amp;familyID=906&amp;country=1">http://terumo-cyrcroup.com/products/ProductDetail.aspx?groupId=3&amp;familyID=906&amp;country=1</a>                           |  |  |
| Sen-Smart Model X-100 Universal Oximetry System                  | Terumo/ Tokyo                    | Oximetry                    | Smaller, lighter and less intrusive signal processors, sensor with fast accurate and reliable readings, portable, easy to operate, offers Bluetooth, K3232 case download connectivity.   | Provides both regional and pulse oximetry. Provides inclusive monitoring of up to 6 channels on one screen.   |  | <a href="http://terumo-cyrcroup.com/products/ProductDetail.aspx?groupId=3&amp;familyID=879&amp;country=1">http://terumo-cyrcroup.com/products/ProductDetail.aspx?groupId=3&amp;familyID=879&amp;country=1</a>                           |  |  |

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| Terumo Advanced Perfusion System 1                       | Terumo/ Tokyo        | Heart-lung machine                              | Compact base with choice of brackets and holders, allow user to define safety and pump responses, standard and advanced multiple cardioplegia delivery options, Central Control Monitor with fast processing and high resolution screen, pole mounted pumps, integrated gas blender Less invasive. Can be used at several arterial access points inc paediatric patients. Arterial pulse contour analysis using an algorithm with precise calibration via transpulmonary thermodilution. | Pulsatile flow operation on arterial pumps, view current perfusion parameters on a single screen, user-selectable response on centrifugal pumps, deliver multi-ratio cardioplegia to minimize hemodilution and optimize myocardial protection. |                                  |                | <a href="http://terumo-cygroup.com/products/ProductDetail.aspx?groupID=1&amp;familyID=35&amp;country=1">http://terumo-cygroup.com/products/ProductDetail.aspx?groupID=1&amp;familyID=35&amp;country=1</a>   |  |  |
| PICCO Technology (Module and Catheter)                   | Getinge/ Sweden      | Hemodynamic                                     |  | precise, calibrated Cardiac Output - beat by beat. Allows lung oedema analysis   |                                  |                | <a href="https://www.getinge.com/uk/product-catalog/picco/">https://www.getinge.com/uk/product-catalog/picco/</a>   |  |  |
| NICCI Technology   | Getinge/ Sweden      | Hemodynamic                                     | Continuous blood pressure measurement, contains a 2 finger sensor in different sizes (alternating measurement for continuous performance), the cuff docks on a mouse which fits in patient's palm. Module has integrated cable and storage functionality, and has integrated NIBP calibration automatic calibration to gold standard when using the cuff. The module can be used with other Getinge technology.  | Provides dynamic parameters such as mean arterial pressure, cardiac index, stroke volume variation and pulse pressure variation.   |                                  |                | <a href="https://www.getinge.com/uk/product-catalog/nicci-technology/">https://www.getinge.com/uk/product-catalog/nicci-technology/</a>   | The blood pressure monitor won The Red Dot Award for Product Design 2020 |  |
| CeVOX  | Getinge/ Sweden      | Venous Oximetry                                 | Probe. Uses spectrophotometry. Continuous fiberoptic oximetry. ScVO2 is immediately available. Access via existing standard CVC, central venous catheter.  | Used to detect shock status. Imbalance of oxygen supply and consumption  |                                  |                | <a href="https://www.getinge.com/uk/product-catalog/cevox-technology/">https://www.getinge.com/uk/product-catalog/cevox-technology/</a>   |  |  |
| PulsioFlex Monitor                                       | Getinge/ Sweden      | Modular Platform                                | 8" LED colour screen with high resolution. Adjustable parameter layout. Low weight   | Used in conjunction with PICCO and CeVOX. Displays results obtained using other devices  | CE marked according to 93/42/EEC |                | <a href="https://www.getinge.com/uk/product-catalog/pulsioflex-monitor/">https://www.getinge.com/uk/product-catalog/pulsioflex-monitor/</a>   |  |  |
| HeartGuide Wearable Blood Pressure Monitor               | Omron/ Kyoto, Japan  | Blood Pressure Monitor                          | Wearable, use with companion app HeartAdvisor. Inflatable cuff within the watch band to take blood pressure readings   | Records blood pressure to clinical accuracy in 30 seconds. Tracks sleep, and activity  | \$499                            |                | <a href="https://omronhealthcare.com/products/heartguide-wearable-blood-pressure-monitor-bo8000m/">https://omronhealthcare.com/products/heartguide-wearable-blood-pressure-monitor-bo8000m/</a>   | Time Best Inventions 2019 Award  |  |
| Complete Wireless Upper Arm Blood Pressure Monitor + EKG | Omron/ Kyoto, Japan  | Blood Pressure and EKG Monitor                  | At home use. Works with Connect app. Contains cuff, two sizes. Store up to 90 readings on the device but can share them using bluetooth to mobile.   | Intended for those at risk of stroke. For those living with atrial fibrillation, so they know when to seek treatment.  | \$199                            | BSH, ESH& AAMI | <a href="https://omronhealthcare.com/products/complete-upper-arm-blood-pressure-monitor-ekg-bo7900/">https://omronhealthcare.com/products/complete-upper-arm-blood-pressure-monitor-ekg-bo7900/</a>   |  |  |
| KardiaMobile EKG   | Omron/ Kyoto, Japan  | EKG Monitor                                     | Small, portable, for at home use. Single Lead personal EKG. Use with mobile app, KardiaMobile.   | Detects atrial fibrillation, bradycardia, tachycardia in under 30 seconds.   | \$100                            | FDA            | <a href="https://omronhealthcare.com/products/kardia-mobile-ekg-ac009uac/">https://omronhealthcare.com/products/kardia-mobile-ekg-ac009uac/</a>   |  |  |
| Professional IntelliSense Blood Pressure Monitor         | Omron/ Kyoto, Japan  | Blood pressure monitor                          | One touch measurement. Inflation and deflation, average mode gets up to three readings and then averages for a more accurate measurement. Choose of four different cuff sizes. Reliable power supply through AC adapter or rechargeable battery pack   | Measures blood pressure, for use in a hospital or doctor's office. Displays diastolic and systolic pressure, and pulse   | \$750                            |                | <a href="https://omronhealthcare.com/products/intellisense-professional-digital-blood-pressure-monitor-hem9074/">https://omronhealthcare.com/products/intellisense-professional-digital-blood-pressure-monitor-hem9074/</a>   |  |  |
| ACUSON SC2000 PRIME Ultrasound System                    | Siemens Healthineers | Echocardiography                                |  |  |                                  |                | <a href="https://www.siemens-healthineers.com/clinical-specialties/cardiology-solutions/clinical-pathway-cardiology/echocardiography">https://www.siemens-healthineers.com/clinical-specialties/cardiology-solutions/clinical-pathway-cardiology/echocardiography</a>   |  |  |
| syngo Dynamics   | Siemens Healthineers | Cardiovascular Imaging and information solution |  |  |                                  |                | <a href="https://www.siemens-healthineers.com/medical-imaging-it/cardiovascular-it-solutions/cardiovascular-imaging-information-solution">https://www.siemens-healthineers.com/medical-imaging-it/cardiovascular-it-solutions/cardiovascular-imaging-information-solution</a>                                 |  |  |
| teamplay myCare Companion                                | Siemens Healthineers | Remote monitoring                               |  |  |                                  |                | <a href="https://www.siemens-healthineers.com/digital-health-solutions/digital-solutions-overview/patient-engagement-solutions/teamplay-mycare-companion">https://www.siemens-healthineers.com/digital-health-solutions/digital-solutions-overview/patient-engagement-solutions/teamplay-mycare-companion</a> |  |  |
| Infinity Acute Care System                               | Draeger              | Patient Monitor                                 | standardisation for monitoring, docking station, 10.4" colour screen, displays 5 channels standard (up to 8); Pick and Go technology, seamless monitoring, vital parameters display (ECG, ST segment analysis, EEG, temp.), wired to wireless networking   | continuous patient monitoring at bedside and during transport, customisable monitor that can be standardised for all hospital units  |                                  |                | <a href="https://www.draeger.com/en-us_us/Products/Infinity-Delta-Series">https://www.draeger.com/en-us_us/Products/Infinity-Delta-Series</a>   |  |  |
| Infinity Delta and Delta XL                              | Draeger              | Patient Monitor                                 |  | haemodynamic vital signs from ventilators, anaesthesia devices and labs, secondary alarm   |                                  |                | <a href="https://www.draeger.com/en-us_us/Products/Infinity-CentralStation">https://www.draeger.com/en-us_us/Products/Infinity-CentralStation</a>   |  |  |
| Infinity CentralStation Wide                             | Draeger              | Central Monitoring Platform                     | 2 screens, 20" touchscreen display, comprehensive patient information  | display real-time vital signs data, continuous monitoring at bedside/during transport  |                                  |                | <a href="https://www.draeger.com/en-us_us/Products/Infinity-Omega-Solution">https://www.draeger.com/en-us_us/Products/Infinity-Omega-Solution</a>   |  |  |
| Infinity Omega Solution                                  | Draeger              | Patient Monitor                                 |  |  |                                  |                | <a href="https://www.draeger.com/Products/Content/9068016_m540_docking_station_ds_enuk_vg2.2_140806_v3.pdf">https://www.draeger.com/Products/Content/9068016_m540_docking_station_ds_enuk_vg2.2_140806_v3.pdf</a>   |  |  |
| Infinity M540 Monitor and M500 Docking Station           | Draeger              | Patient Monitor                                 | E-vent piston ventilator, gas delivery, ergonomic, compact, wide array of options/acute levels   |  |                                  |                | <a href="https://www.draeger.com/Products/Content/9068016_m540_docking_station_ds_enuk_vg2.2_140806_v3.pdf">https://www.draeger.com/Products/Content/9068016_m540_docking_station_ds_enuk_vg2.2_140806_v3.pdf</a>   |  |  |
| Fabius Tiro  | Draeger              | Anaesthesia Machine                             | combined with Infinity Acute Care System, lung diagnostic tools, breath by breath recruitment trends, volumetric CO2 monitoring, applicable for neonatal ventilation   | Ventilation and O2 therapy, records patient data, alarm/trend system   |                                  |                | <a href="https://www.draeger.com/en-us_us/Products/Fabius-Tiro">https://www.draeger.com/en-us_us/Products/Fabius-Tiro</a>   |  |  |
| Evita Infinity V500 ventilator                           | Draeger              | Ventilator                                      |  | Ventilation functionalities, gas delivery, decision-support, comprehensive monitoring  |                                  |                | <a href="https://www.draeger.com/en-uk/Products/Evita-Infinity-V500-ventilator">https://www.draeger.com/en-uk/Products/Evita-Infinity-V500-ventilator</a>   |  |  |
| Zeus Infinity Empowered                                  | Draeger              | Anaesthesia Workstation                         | combined with Infinity Acute Care System, access to large patient database, ICU-quality ventilation, RFID technology   | Ventilation and anaesthesia therapy, helps in decision making in the OR  |                                  |                | <a href="https://www.draeger.com/en-uk/Products/Zeus-Infinity-Empowered">https://www.draeger.com/en-uk/Products/Zeus-Infinity-Empowered</a>   |  |  |
| Primus Infinity Empowered                                | Draeger              | Anaesthesia Workstation                         | ergonomics and system integration, flexible workflow support, prediction of respiratory and expiratory concentrations of volatile anaesthetics   |  |                                  |                | <a href="https://www.draeger.com/en-uk/Products/Primus-Infinity-Empowered">https://www.draeger.com/en-uk/Products/Primus-Infinity-Empowered</a>   |  |  |
| Perseus A500   | Draeger              | Anaesthesia Machine                             |  |  |                                  |                | <a href="https://www.draeger.com/en-uk/Products/Perseus-A500">https://www.draeger.com/en-uk/Products/Perseus-A500</a>   |  |  |