Masimo Announces U.S. Release of Trace™ Data Visualization and Reporting Tool
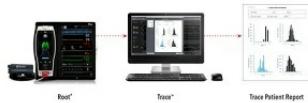

Masimo Trace™ Data Visualization and Reporting Tool

Masimo has announced that the U.S. release of Trace™, patient data visualization and reporting software designed for Masimo Root® and Radical-7® monitors.

Trace is the first data visualization and reporting software compatible with the full capabilities of the Masimo Root Patient Monitoring and Connectivity Platform, including Radical-7 and Radius-7® Pulse CO-Oximeters®, Root with integrated noninvasive blood pressure and temperature, and connected MOC-9™ modules such as SedLine® brain function monitoring, ISA™ and ISA OR+ capnography, and O3® regional oximetry.

"Trace adds a valuable and powerful visualization resource to clinical toolkits," said Joe Kiani, Founder and CEO of Masimo. "With its unique versatility and customizability and with access to all of Masimo's advanced measurement technologies, Trace offers clinicians the ability to review and focus on the patient data patterns that matter most for each case, in the format that provides the most insight."

Clinicians who are interested in reviewing overnight sleep studies and who review six-minute walk patient data can benefit from Trace's ability to rapidly generate standard oximetry reports, as well as customized oximetry reports that also include acoustic respiration rate (RRa®) and end-tidal carbon dioxide (EtCO2) data. Clinicians and researchers can download and evaluate patient data involving advanced rainbow SET™ parameters and capnography, SedLine, and O3 measurements. Trace can display patient data from all of these technologies on the same time axis, facilitating clinical case review. The ability to annotate and store data helps clinicians build easily accessible case histories.

Trace can communicate with Masimo devices via high-speed wired or wireless connections, with the ability to download up to 96 hours of patient data in seconds, aiding workflow efficiencies. Trace can provide analytics such as the determination of the minimum, maximum, and mean values for each measurement, the percentage of time spent at defined parameter thresholds, threshold crossing counts, and the duration of desaturation events. Visual tools such as trend graphs, histograms, and event annotations are also supported. Data can be tagged with notes, labelled with identifiers, and cropped and adjusted to allow clinicians to focus on segments and items of interest, from which a PDF report can be generated or CSV file exported.

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