

WIRELESS CAPNOGRAPHY



SAFE, NONINVASIVE SENSING
PLATFORM CONNECTED TO WVSM



More data, earlier data, and trending will save lives and improve outcomes*

Capnography is the noninvasive measurement of CO² in exhaled breath expressed as the CO² concentration over time. The **miniCap™** add on accessory enables WVSM to monitor and display CO² and respiratory rate as well as the CO² waveform. Changes in respiration rate and tidal volume are immediately apparent in the waveform and EtCO₂ enabling diagnostic assistance on patient physiology, disease severity, and response to treatment.

Waveform capnography, via **miniCap**, is also the fastest and most reliable indicator that an endotracheal tube is correctly placed during intubation.



*(Street, 2009)

	<p>CONTINUED MEASUREMENT OF INSPIRED AND EXPIRED CO²</p>		<p>SIDESTREAM AND MAINSTREAM COMPATIBLE</p>		<p>SIMPLE, INEXPENSIVE CAPNOGRAPHY OPTION</p>
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miniCap™

ADDED PATIENT MONITORING

Capnography is now part of the standard of care for all patients receiving general anesthesia and routine monitoring in the pre-hospital setting. Capnography is a quantitative index for evaluating adequacy of ventilation and pulmonary blood flow during CPR.

CAPNOGRAPHY IN THE FIELD

Simplicity is a major feature of *miniCap™*. PaCO₂ correlates well with EtCO₂ in most patients, and is an excellent adjunct to other monitors such as the *WVSM®*. Respiratory assessment of patients is of critical importance, as changes in vital signs and patient symptoms pose an increased risk to the patient's stability.

Adding capnography to the *WVSM* via *miniCap* significantly enhances functionality. With *miniCap*, you get a complete monitoring package with EtCO₂ and RR as well as the conventional monitoring of HR/PR, NIBP, ECG, and SpO₂.

PREDICTING SURVIVAL

Prediction of survival, as measured by return of spontaneous circulation (ROSC) during resuscitation, is difficult. Assessment of EtCO₂ during CPR allows differentiation in patients with/without ROSC. A dramatic increase in exhaled carbon dioxide is an indication of ROSC.

EtCO₂ is also a noninvasive indicator of cardiac output. Most recent Advanced Cardiac Life Support (ACLS) guidelines now recommend using capnography to ascertain the effectiveness of cardiopulmonary resuscitation (CPR).

FEATURES

Wireless capnography is a safe, noninvasive sensing platform when *miniCap* is connected to the *Wireless Vital Signs Monitor (WVSM®)*. Two CO₂ measurement options in one exist with the *miniCap*.

WVSM AUXILIARY BATTERY

Provides connectivity to WVSM and power to the capnography devices.



MASIMO® MAINSTREAM CAPNOGRAPHY

Continuous measurement of inspired and expired CO₂ concentrations and respiratory rate.



MASIMO® SIDE-STREAM CAPNOGRAPHY

Virtually no warm-up time and full accuracy performance in seconds. Requires only 50 ml sampling flow and supports monitoring on both intubated and non-intubated patients.



Contact us today to get more info or to schedule a demo.



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