

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™* measures and displays CO2 and respiratory rate as well as the CO2 waveform. Changes in the waveform are diagnostic 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)


 AUTOMATICALLY MONITORS CO2, RR, SPO2, HR, NIBP & ECG
 
 WIRELESS MONITORING RANGE OF 200 YARDS
 
 REMOTE CONNECTIVITY USING ADMS



**MULTIPLE  
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*<sup>™</sup>. PaCO<sub>2</sub> correlates well with EtCO<sub>2</sub> in most patients, and is an excellent adjunct to other monitors such as the *WVSM*<sup>®</sup>. 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 EtCO<sub>2</sub> and RR as well as the conventional monitoring of HR, NIBP, ECG, and SpO<sub>2</sub>.

**PREDICTING SURVIVAL**

Prediction of survival, as measured by return of spontaneous circulation (ROSC) during resuscitation, is difficult. Assessment of EtCO<sub>2</sub> during CPR allows differentiation in patients with/without ROSC. A dramatic increase in exhaled carbon dioxide is an indication of ROSC.

EtCO<sub>2</sub> 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)*<sup>®</sup>. Two CO<sub>2</sub> measurement options in one exist with the *miniCap*.

**WVSM AUXILIARY BATTERY**

Provides connectivity to WVSM and power to the capnography devices.



**MASIMO<sup>®</sup> MAINSTREAM CAPNOGRAPHY**

Continuous measurement of inspired and expired CO<sub>2</sub> concentrations and respiratory rate.



**MASIMO<sup>®</sup> 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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