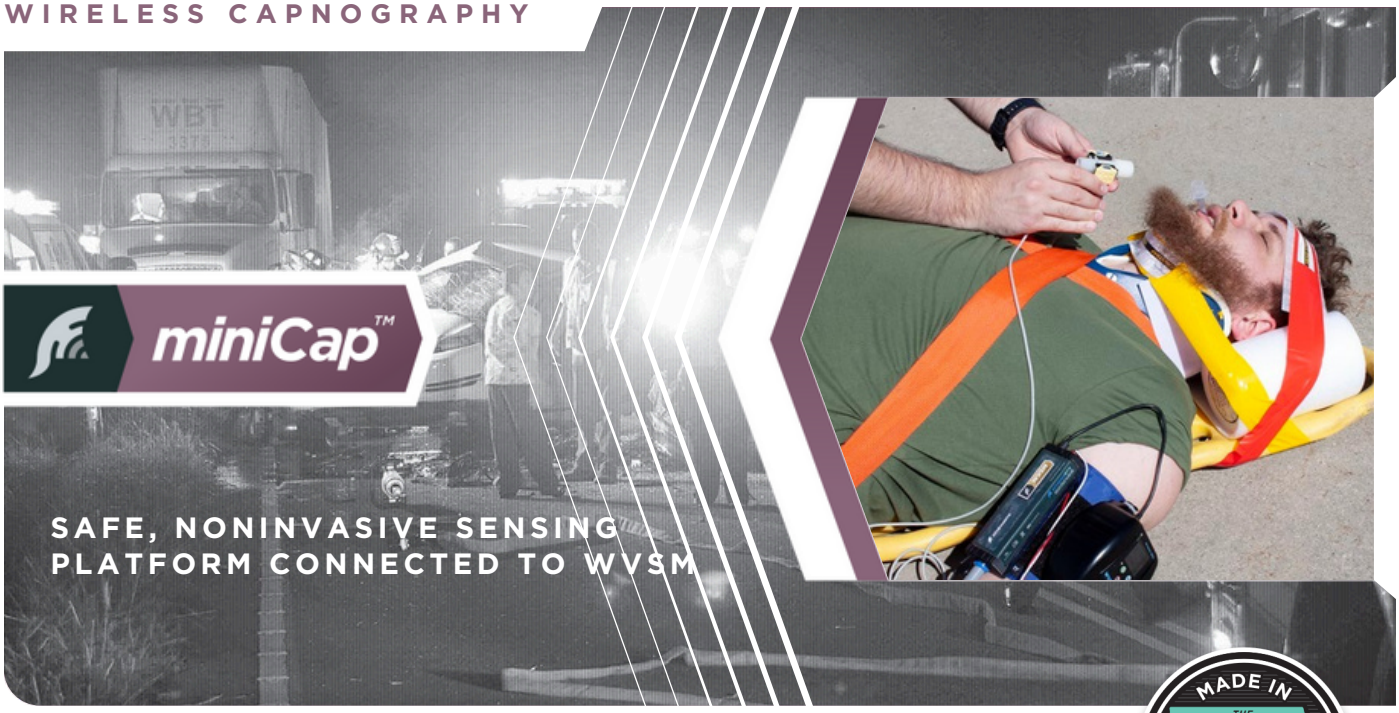
WIRELESS CAPNOGRAPHY



MADE IN THE HEART LAND IOWA • USA

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)

- CONTINUED MEASUREMENT OF INSPIRED AND EXPIRED CO2
- SIDESTREAM AND MAINSTREAM COMPATIBLE
- SIMPLE, INEXPENSIVE CAPNOGRAPHY OPTION

CHIRONIX

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

Providesconnectivity 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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