



# GLOBAL EMERGENCY MEDICAL REGISTRY

## Quantitative Waveform Capnography (EtCO<sub>2</sub>) Skill Documentation Form

Candidate (Print): \_\_\_\_\_ Date: \_\_\_\_\_

Examiner (Instructor or Licensed Provider): \_\_\_\_\_

Examiner Signature: \_\_\_\_\_

Pass \_\_\_\_\_ Fail \_\_\_\_\_

Task:	Correct	Incorrect
Explain procedure to patient, if possible		
Activate ETCO <sub>2</sub> unit and allow to warm up (if necessary)		
Zero machine (if not done automatically)		
Mainstream EtCO <sub>2</sub> System: <ul style="list-style-type: none"> <li>• Attach disposable ETCO<sub>2</sub> sensor to cable</li> <li>• Mainstream sensor applied to a bag connected to an ETT or SGA</li> </ul>		
Sidestream EtCO <sub>2</sub> System: <ul style="list-style-type: none"> <li>• Connect tubing to port on capnography unit</li> <li>• Sidestream device may be incorporated into a special nasal cannula</li> </ul>		
Apply device to patient's oxygen delivery system		
Utilize oxygenation and ventilatory devices in normal fashion		
Monitor ETCO <sub>2</sub> on display screen and record EtCO <sub>2</sub> readings ( <i>normal range 35-45 mm Hg</i> )		
Evaluate waveform shape and identify normal or abnormal waveform		
Set alarm parameters to desired limits (minimum and maximum desired ETCO <sub>2</sub> levels)		
Adjust oxygen concentration and/or ventilatory rate as applicable (based on national, state, or local protocols)		
Monitor patient status and reassess following any changes in O <sub>2</sub> concentration, ventilatory rate, or EtCO <sub>2</sub> waveform changes		

<b>Critical Failure Criteria</b>	
	Failure to allow unit to warm up and zero out before use if necessary
	Failure to Incorporate CO <sub>2</sub> measurements into treatment
	Failure to identify waveform as normal or abnormal
	Failure to assemble equipment properly and obtain reading
	Uses inappropriate affect with patient or examiner
	Uses or orders a dangerous or inappropriate intervention

NOTE: You must factually document any "incorrect" or critical failure criteria on back of this form