



# GLOBAL EMERGENCY MEDICAL REGISTRY

## Respiratory Case (Anesthesia Reactive Airway Disease) Documentation Form

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

Examiner (Instructor Name Printed): \_\_\_\_\_

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

Note: The 70 kg, 16 y/o patient is 15 minutes into a 30 minute procedure, with propofol as the sedation agent for a moderate level anesthesia case. Patient has an 18g IV in the left Antecubital fossa. At the 15 minute mark the patient's EtCO<sub>2</sub> has begun to rise (currently 50 mmHg) and a "shark's fin" waveform has developed with a respiratory rate of 20 and the patient's SpO<sub>2</sub> has begun a downward trend (currently 92% on 4 L O<sub>2</sub> via nasal cup); (If ultrasound BLUE protocol is used, it reveals extensive 'A' line with plural movement in all views). The Examiner will use or modify a simulator respiratory case to reflect Sinus Tachycardia at 110 with a MAP of 70 mmHg, SpO<sub>2</sub>: 92%, EtCO<sub>2</sub>: 50 mmHg with "shark's fin" waveform present, RR: 20, Temp: 37.5 C. The examiner may conclude the case following proper care by having the patient return to stable with vital signs returning toward stable range.

PASS \_\_\_\_\_ Fail \_\_\_\_\_

Task	Correct	Incorrect
Identifies Respiratory Distress		
Identifies unstable patient condition		
Assures proper oxygenation of the patient		
Considers and implements APOX, CPAP (Nasal) or BiPAP to improve ventilation		
Assures large bore IV above the level of the diaphragm		
Utilizes Ventolin (Albuterol) nebulization inline with Nasal Cup, CPAP or BiPAP		
Considers 1-2 gm Magnesium IV		
Administers appropriate Steroid IV		
Reassess patient after each intervention and a minimum of every two minutes		

Note: any "incorrect" represents a skill failure

### Critical Failure Criteria

Failure to establish oxygenation for the patient
Failure to take appropriate medication and/or fluid bolus intervention
Failure to identify unstable patient
Failure to manage the patient as a competent provider
Exhibits unacceptable affect with patient or other personnel
Uses or orders a dangerous or inappropriate intervention

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