



**REGION 11
CHICAGO EMS SYSTEM
SKILLS**

Title: I-gel Supraglottic Airway (SGA)
Section: Airway/Ventilatory Management
Approved: EMS Medical Directors Consortium
Skill Level: BLS/ALS

Name:	Date:
Resource Hospital:	Training Site:
Evaluator:	Signature:

	Points Possible	Points Awarded
Actual Time Started:		
Prepare for Procedure: <input type="checkbox"/> Apply PPE: gloves, eye protection, facemask	1	
State Indications for Procedure: <input type="checkbox"/> Need for advanced airway in apneic patient without a gag reflex	1	
States Contraindications for Procedure: <input type="checkbox"/> Gag reflex <input type="checkbox"/> Limited mouth opening <input type="checkbox"/> Airway (larynx/pharynx) mass, abscess, trauma	3	
Prepare patient: <input type="checkbox"/> Sniffing position (maintain in-line stabilization for trauma)	1	
Preoxygenate patient: <input type="checkbox"/> Insert NPA or OPA <input type="checkbox"/> Ventilates patient at 10-12/minute with adequate chest rise	2	
Prepare equipment: <input type="checkbox"/> Prepare suction device, suction catheter, i-gel device, ETCO2 <input type="checkbox"/> Select correct size of device (see chart below) <input type="checkbox"/> Inspect packaging, expiration date, device	3	
Device Preparation (Adult/Pediatric): <input type="checkbox"/> Remove i-gel from protective cradle or cage package <input type="checkbox"/> Place small amount of water-based lubricant on cradle or cage surface <input type="checkbox"/> Grasp i-gel at integral bite block and lubricate back, sides, front of cuff <input type="checkbox"/> Ensure no bolus of lubricant in cuff bowl or elsewhere on device	4	
Device Insertion: <input type="checkbox"/> Position device so the i-gel cuff outlet is facing chin of patient <input type="checkbox"/> Gently press down on chin to open mouth <input type="checkbox"/> Introduce soft tip into mouth of patient toward the hard palate <input type="checkbox"/> Glide the device downward and backward along the hard palate with a continuous but gentle push until definitive resistance is felt	4	
Device Positioning: <input type="checkbox"/> Insert adult device (size 3, 4, 5) to horizontal line on integral bite block and insert pediatric device (size 1.5, 2, 2.5) until definitive resistance felt <input type="checkbox"/> Do not apply excessive force <input type="checkbox"/> If early resistance during insertion, perform jaw thrust or rotate device	3	
Confirm Tube Placement: <input type="checkbox"/> Ventilate patient and auscultate bilateral breath sounds	2	



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<input type="checkbox"/> Monitor ETCO2 with waveform capnography		
Secure Device: <input type="checkbox"/> Attach support strap to integral ring hook OR tape maxilla to maxilla	1	
Suction Gastric Channel: <input type="checkbox"/> Determine proper size of suction catheter based on chart <input type="checkbox"/> Apply water based lubricant to catheter and gastric channel <input type="checkbox"/> Advance tube with suction to optimize cuff seal and reduce aspiration <input type="checkbox"/> Contraindications: upper GI bleed or esophageal trauma	4	
Reassess: <input type="checkbox"/> Repeat vital signs	1	
Troubleshooting for air leak: <input type="checkbox"/> May be over ventilation. Ensure slow and gentle squeezing of BVM and limit tidal volume to no more than 5 ml/kg <input type="checkbox"/> May be malposition. Advance tube, pull back and reseat, or remove and insert larger size	2	
Complications: <input type="checkbox"/> Laryngospasm <input type="checkbox"/> Trauma to airway structures (pharynx/larynx) <input type="checkbox"/> Gastric regurgitation or aspiration	3	

Actual Time Ended: _____

Total

/35

Critical Criteria:

- ___ Failure to take or verbalize personal protective equipment
- ___ Failure to preoxygenate the patient prior to insertion of device
- ___ Failure to ventilate the patient to the correct rate or interruption (>30 sec) in ventilation
- ___ Failure to insert supraglottic airway device to proper depth or location after 2 attempts
- ___ Failure to confirm proper tube placement
- ___ Failure to use ETCO2
- ___ Failure to manage the patient as a minimally competent EMT or Paramedic
- ___ Exhibits inappropriate affect with patient or other personnel
- ___ Uses or orders a dangerous or inappropriate intervention
- ___ Failure to achieve a score of 26 or greater

Successful **Unsuccessful**



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I-gel Size Chart

	Color	I-gel size	Patient size	Patient weight (kg)	Patient weight (lbs)	Suction catheter size
	Blue	1.5	Infant	5-12 kg	11-25 lbs	10 F
	Grey	2.0	Small pediatric	10-25 kg	22-55 lbs	12 F
	White	2.5	Large pediatric	25-35 kg	55-77 lbs	12 F
	Yellow	3.0	Small adult	30-60 kg	65-130 lbs	12 F
	Green	4.0	Medium adult	50-90 kg	110-200 lbs	12 F
	Orange	5.0	Large adult	90+ kg	200+ lbs	14 F