

# Skill Sheet

## i-gel Extraglottic Airway

**Objective:** DEMONSTRATE the recommended procedure for insertion of an i-gel extraglottic airway.

**References:**

PHTLS (Military Version) Eighth Edition, Jones and Bartlett Learning

**Evaluation:** Students will be evaluated as a Pass/Fail (P/F). The instructor will verify the accuracy of the student's ability to insert an i-gel EGA on an airway trainer by means of observing the student's procedures and technique.

**Materials:**

Student Checklist

Airway Simulator, i-gel and holder, surgical lubricant

**Instructor Guidelines:**

1. Provide each instructor with a Student Checklist.
2. Ensure student has all required materials.
3. Read the Learning Objective and the evaluation method to the student.
4. Explain the grading of the exercise.
5. Allow time for the students to extract the information required from the instructor-provided scenario.

**Performance Steps:**

1. Assemble all necessary equipment.
2. Verbalize the indications for an i-gel – an unconscious patient without significant direct trauma to airway/facial structures.
3. Verbalize the primary advantage of the i-gel: no need to fill the cuff with air and no need to monitor cuff pressure after inflation and with altitude changes.
4. Verbalize that i-gel size 4 is the correct size for the typical adult. Size 5 is used for adults larger than 200 pounds.
5. Assess the upper airway for visible obstruction.
6. Lubricate the i-gel with a surgical lubricant using the protective cradle as shown in the video.
7. Open the airway with a chin lift/jaw thrust maneuver.
8. Open the mouth with a scissor maneuver of the fingers.
9. Insert the airway into the mouth with the open side pointing towards the casualty's chin. Insert until you feel resistance.
10. Secure the i-gel in place.
11. If assisted ventilation is required, attach a bag-valve-mask device to the i-gel port.

12. Auscultate both sides of the chest and the epigastrium.
13. Ensure that pulse ox monitoring has been established. Also use end-tidal CO2 monitoring if available.
14. Document the procedure on a TCCC Casualty Card. (DD Form 1380)

### Insert an i-gel Extraglottic Airway

Task	Completed		
Assembled all necessary equipment.	P/F	P/F	P/F
Verbalized the indications for an i-gel – an unconscious patient without significant direct trauma to airway/facial structures.	P/F	P/F	P/F
Verbalize the primary advantage of the i-gel: no need to fill the cuff with air and no need to monitor cuff pressure after inflation and with altitude changes.	P/F	P/F	P/F
Verbalize that i-gel size 4 is the correct size for the typical adult. Size 5 is used for adults larger than 200 pounds.	P/F	P/F	P/F
Assessed the upper airway for visible obstruction.	P/F	P/F	P/F
Lubricated the i-gel with a surgical lubricant.	P/F	P/F	P/F
Opened the airway with a chin lift/jaw thrust maneuver.	P/F	P/F	P/F
Opened the mouth with a scissor maneuver of the fingers.	P/F	P/F	P/F
Insert the airway into the mouth with the open side pointing towards the casualty's chin. Insert until you feel resistance.	P/F	P/F	P/F
Secure the i-gel in place.	P/F	P/F	P/F
If assisted ventilation is required, attach a bag-valve-mask device to the i-gel port.	P/F	P/F	P/F
Auscultate both sides of the chest and the epigastrium.	P/F	P/F	P/F

**Critical Criteria:**

- \_\_\_\_\_ Did not lubricate the i-gel prior to insertion.
- \_\_\_\_\_ Did not insert the i-gel with the open portion facing the casualty's chin.
- \_\_\_\_\_ Did not auscultate both sides of the chest and the epigastrium.
- \_\_\_\_\_ Did not ensure that pulse ox monitoring has been established.
- \_\_\_\_\_ Did not document the procedure on a TCCC Casualty Card. (DD Form 1380)

**Evaluator's Comments:**

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Evaluator: \_\_\_\_\_ Pass: \_\_\_\_\_ Fail: \_\_\_\_\_