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Intubation SIM

The intubation trainer is an advanced simulation to improve how to place an advanced airway.

Objective

To successfully establish an advanced airway as quickly as possible

Parameters

Time it takes to place device and confirmation of a secure cuff by delivering 600ml and holding for 5 seconds
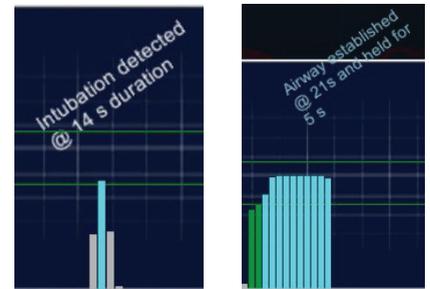

Scores

Scores are given for:
  Time it takes to place the device and start
  Volume accuracy (between 500-700ml)
  Security of the cuff
  and Overall score

Start Time & Score: 13.5s, 100%
Hold Time & Vol: 5s, 594ml (600ml)
Volume Accuracy: 100%
Airway Seal Score: 100%
Final Score: 100%

Skills Procedure

Establish airway by using the laryngoscope to left up the epiglottis
  and expose the airway (be mindful of teeth)
Having visual of vocal cords confirms the airway opening
Slip the ET tube* through the vocal cords
Inflate the cuff
Squeeze the BVM so that about 600ml goes into the lungs
Hold the BVM so that the volume remains constant for 5 seconds

  *Other devices such as LMA, King Tube, CombiTube, etc. can be used

Intubation detected when air is delivered to the lungs
Airway is established after correct volume is
held constant for 5 seconds

Variations of Scenario

You can practice intubation with the **Intubation Tutor** or **Intubation CPR**
You can begin CPR with intubation. Establish the airway, give one quick puff to verify,
  then proceed with asynchronous 10:1
You can perform CPR and without stopping chest compressions, establish the intubation device

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