



Lines, tubes, and devices

Airway tubes

What will I gain from this video?

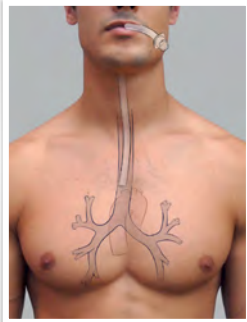
After watching this video, you will know how to determine the correct placement of endotracheal tubes (ETT).

Airway tubes—two types

- Endotracheal ETT
- Tracheostomy

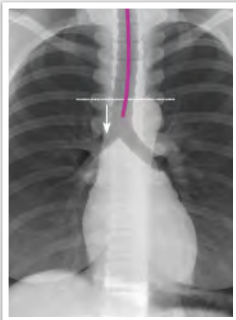
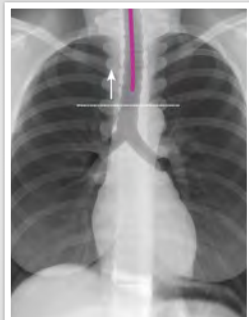
Path of ETT insertion

- Oral or nasal cavity
- Pharynx
- Trachea



Correct ETT position



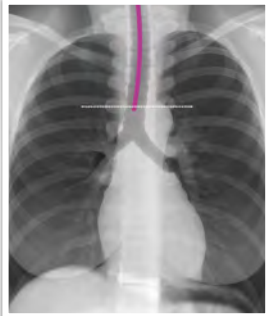


Correct ETT position

With the neck in neutral position,
5 +/- 2 cm above the carina

With the neck in flexed position,
3 +/- 2 cm above the carina

With the neck in extended position,
7 +/- 2 cm above the carina



Correct ETT position



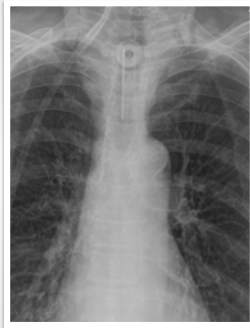
Correct ETT position



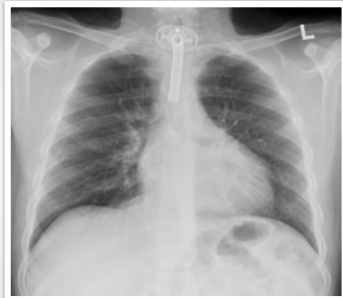
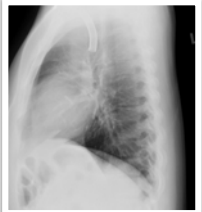
**Correct ETT
position**



**Tracheostomy
tube**



**Correct tracheostomy
position**



Correct tracheostomy position



The carina is an important landmark.

Ideal position of the ETT tube—5 cm above carina.

Identification of the carina is key to the safe management of airway tubes.

The tip of the ETT tube will vary with the flexion and extension of the patient's neck!
