

Care of patient with tracheostomy tube

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content

- What is a tracheostomy ?**
- What is a tracheostomy tube?**
- Types of Tubes.**
- Role of respiratory therapist.**

What is a tracheostomy

- **A tracheostomy is an opening (made by an incision) through the neck into the trachea (windpipe).**
- **A tracheostomy opens the airway and aids breathing it may be temporary or permanent.**

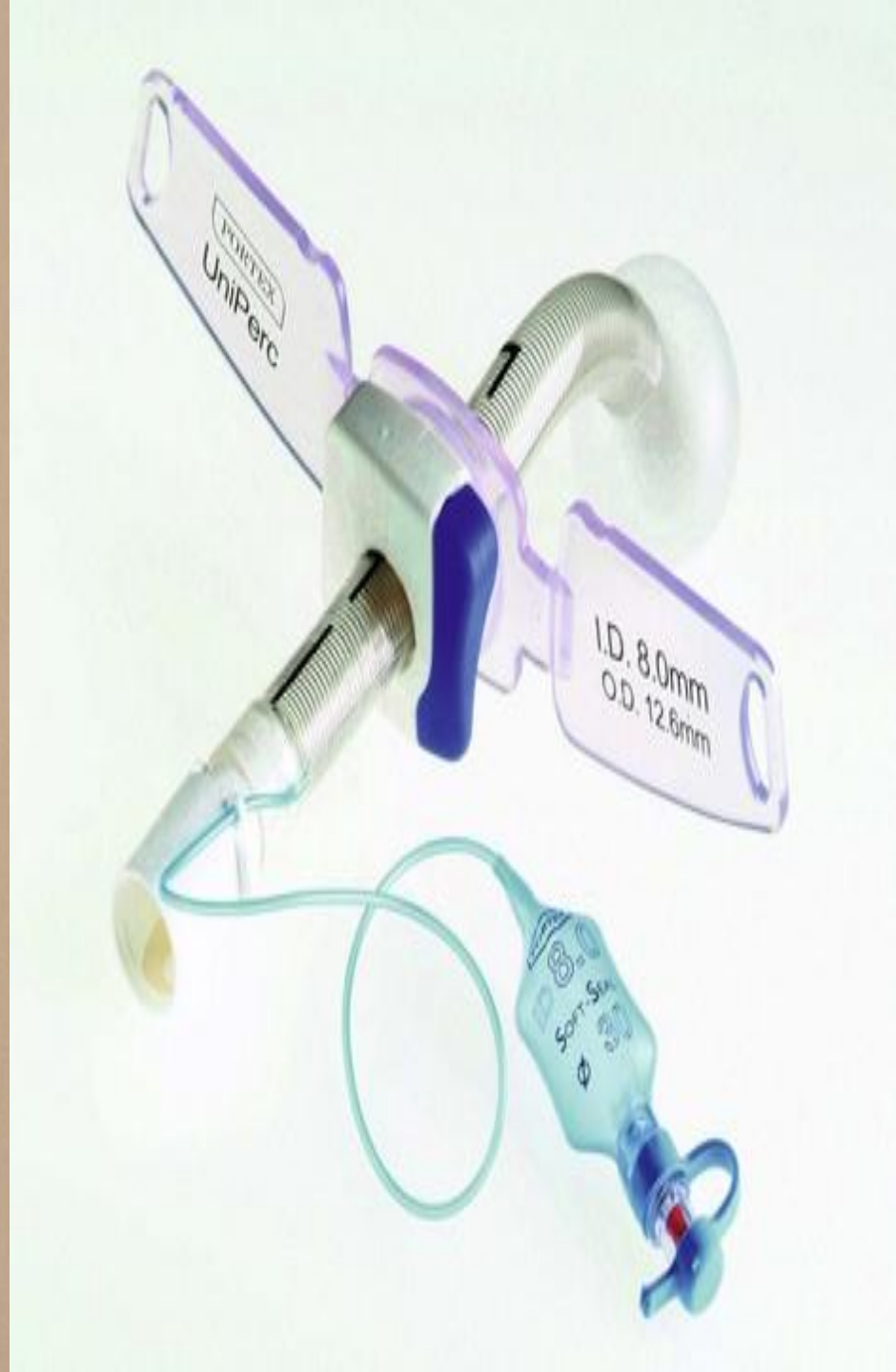
What is a tracheostomy tube

- **A tracheostomy (trach) tube is a small tube inserted into the tracheostomy to keep the stoma (opening) clear**
 - **Tracheostomy tubes are available in several sizes and materials including semi-flexible plastic, or metal**
 - **The tracheostomy tube may or may not have a cuff.**
- Cuffed trach tubes are generally used for patients who have swallowing difficulties or who are receiving mechanical ventilation**

Types of Tubes

- **Cuffed tubes**
- **Un-cuffed**
- **Fenestrated**
- **Inner cannula**
- **Adjustable flange PVC, Silver, Silicone and Rubber**
- **Mini Tracheostomies**





Role of respiratory therapist

Make Respiratory assessment to the patient



- **Provide suction to the patient as needed by using sterile technique to keep air way clear**
- **make tracheostomy dressing**
- **Change tracheostomy tube**



REMOVE TRACHEOSTOMY TUBE

When?

Joint decision with doctor.

Following tracheostomy guidelines:

- (1) able to expectorate independently.**
- (2) minimum of 1 deep suction per shift.**
- (3) no sign of chest infection.**
- (4) FiO₂ of less than 60%.**
- (5) Deflation of cuff for more than 24 hours.**

(6) Prepare equipment – dressing, gauze, O2 mask , pulse Oximeter

(7) Explanation to patient and relative

(8) Ensure cuff fully deflated

(9) Remove tracheostomy and cover the stoma with gauze

(10) Make assessment to see the response of patient

BEFORE REMOVE TRACHEOSTOMY



After remove tracheostomy



If the patient can't tolerate removing the tracheostomy we will be change to permanent tracheostomy and make education to the patient and relative about how to care of it.

Thank you