



Closed Suction Catheter

Prevention and Protection



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Hospital Acquired Infection

A heavy topic

Transmission route

The infection is spread to the susceptible patient in the clinical setting by various means. Health care staff can spread infection, in addition to contaminated equipment, bed linens, or air droplets.

Effect

Nosocomial infections can cause severe pneumonia and infections of the urinary tract, bloodstream and other parts of the body.

- In the United States, the Centers for Disease Control and Prevention estimated roughly 1.7 million hospital-associated infections, from all types of microorganisms, including bacteria and fungi combined, cause or contribute to 99,000 deaths each year.
- In Europe, where hospital surveys have been conducted, the category of gram-negative infections are estimated to account for two-thirds of the 25,000 deaths each year.

Disposable Suction Catheter

Performing tracheal suction properly with suction catheter is one of the most effective measures to prevent VAP. It can prevent the aspiration effectively.

While, it cannot prevent the dissemination of aerosols. An infection may occur if germs enter through the tube and get into the patient's lungs.



- The open suction and aerosols might result in the cross-infection among patients and nurses.
- Disconnecting the ventilator during suctioning might cause the occurrence of hypoxemia.

Closed Suction Catheter

Closed Suction Catheter that Tuoren develops is a suctioning device to remove secretions from patients receiving mechanical ventilation.



- Maintain ventilation
- Minimize contamination with the least possible disruption to the patient.



Disconnection ring for fast and safe separation of the system from the tube; Avoid pulling the endotracheal tube out .



Graduation in 1 cm increments for easier reading of insertion depth.



PU strong catheter sleeve: Soft and no noise disruption.



Color-coded connectors for easy identification.



Patient label with day of the week stickers.



Soft tip of suction tube reduces the damage to airway mucosa.

**Save costs**

Intended for 72 hours and available for irrigation and multiple use

**Avoid Aspiration**

Sealable rinse chamber to avoid unintentional aspiration

**Safety**

Reduce the incidence of cross-infection and minimize contamination with the least possible disruption to the patient.

**Maintaining ventilation**

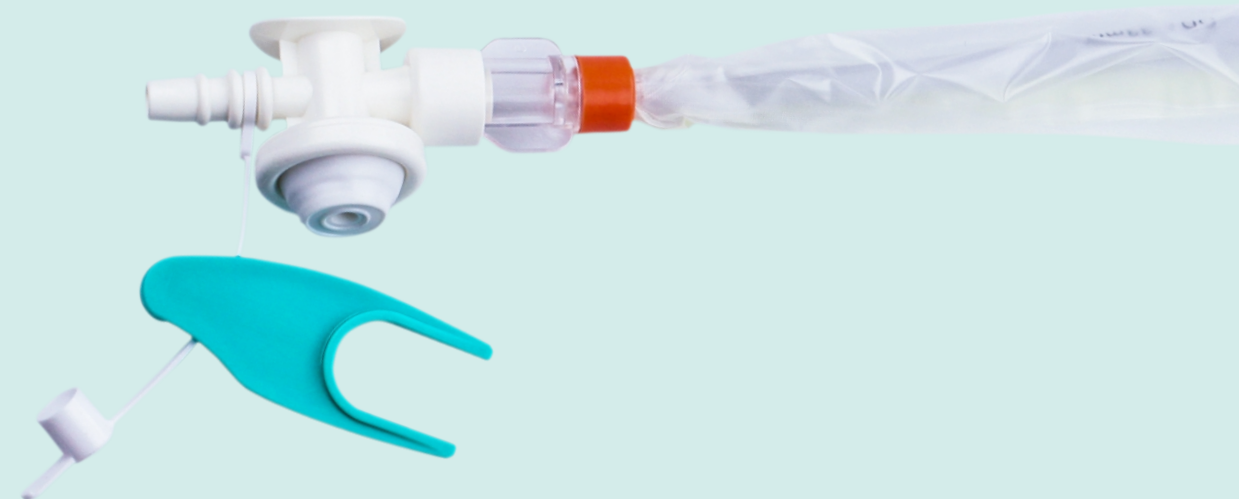
No need to disconnect the ventilator and prevent hypoxemia

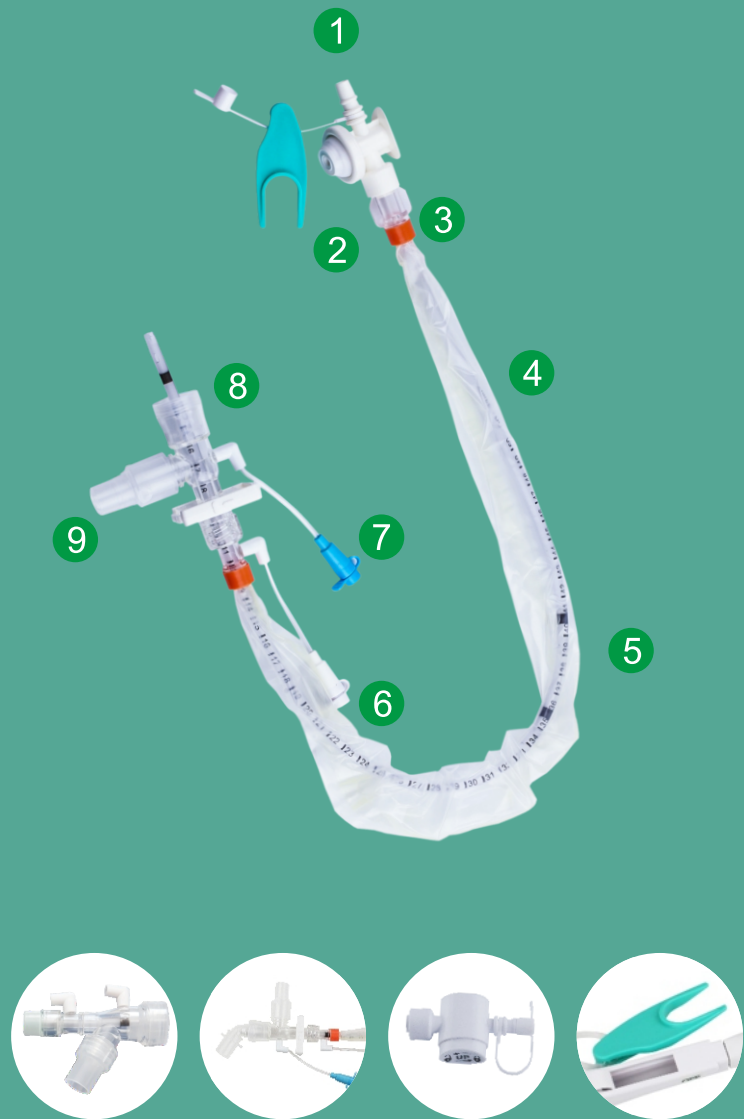
**Avoid occupational exposure**

Prevent soiling and spraying of respiratory secretion

**Increase efficiency**

Reduce the procedures using traditional suction catheter





- ① Suction catheter
- ② Suction control valve
- ③ Transparent window
- ④ Protective sleeve
- ⑤ Scale
- ⑥ Irrigation port
- ⑦ Injection port
- ⑧ Intubation connector
- ⑨ Breathing circuit connector

Specification

Name	Type		Specification	Color Code	Length (mm)	OD (mm)
Closed Suction Catheter	push/pulley	endotracheal tube connector	Fr6	Light Green	450	2.0
			Fr8	Light Blue		2.7
			Fr10	Black	600	3.3
			Fr12	White		4.0
			Fr14	Green		4.7
			Fr16	Orange		5.3
		tracheotomy tube connector	Fr6	Light Green	450	2.0
			Fr8	Light Blue		2.7
			Fr10	Black	600	3.3
			Fr12	White		4.0
			Fr14	Green		4.7
			Fr16	Orange		5.3



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Specification

Name	Type		Specification	Color Code	Length (mm)	OD (mm)
Closed Suction Catheter	push/pulley	pediatric connector	Fr5	Grey	450	1.7
			Fr6	Light Green		2
			Fr7	Ivory		2.3
			Fr8	Light Blue		2.7