

TRACH CARE* NEONATAL

Closed Suction System for Neonates and Paediatric

“Everything you need to know”



Kimberly-Clark

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SUMMARY

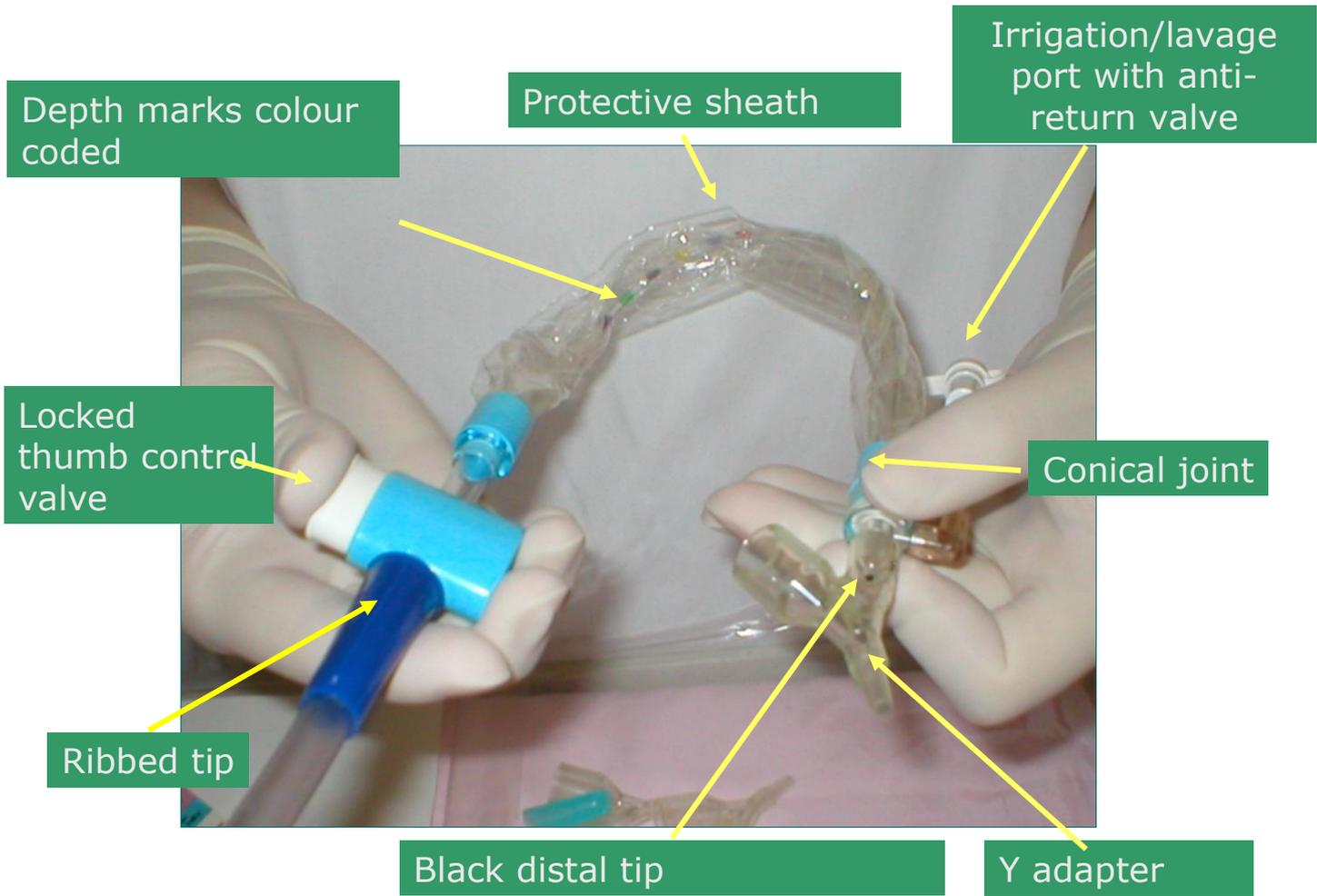
- 1. Presentation, features and main indications of the Trach Care* Neonates / Paediatrics**
- 2. How to use Trach Care* Neonates / Paediatrics**

Presentation, features and main indications

TRACH CARE* Neonates / Paediatric is a closed suction system, connected to the ventilator circuit, which enables aspiration to be performed without disconnecting the circuit.

- It is designed for **intubated and ventilated neonates** and **paediatrics patients**.
- This system allows **protected suctioning while maintaining the physiological parameters and ventilation of the patient for 24 hours**.
- **Advantages of the closed suction system technique:**
 - 1. Better control of infections**
 - Protection of the health care givers against air-borne germs breathed out by the patient
 - Protection of the patient against the pathogenic agents present in the environment
 - Reduced risk of cross contamination
 - Respect of aseptic procedures
 - 2. Physiological and psychological benefits**
 - Maintain artificial ventilation
 - Maintain the respiratory parameters (which normally drop very quickly and recover very slowly)
 - Less traumatic
 - Reduces stress
 - 3. Time saving**
 - Simplicity and speed of the actions (shorter procedure)
 - Standard suction procedure





Characteristics	Advantages
<ul style="list-style-type: none"> - Transparent Y adapter - Irrigation/lavage port with anti-return valve - Protective polyurethane sheath - Conical waterproof joints - Multiperforated catheter - Depth marks suction tube - Black mark - Secured latex-free thumb control valve - Ribbed tip 	<ul style="list-style-type: none"> - Excellent visibility of the cleanliness of the system / Connection with the ET tube - Irrigation to moisten and dilute mucus before aspiration / Optimum cleaning of the suction tube - Impermeable / Flexible and resistant / Protection of the health care givers against material spat or coughed out - Cleaning of the external part of the tube - Non-traumatising tip to prevent injury / 2 side holes for optimum aspiration - Enables controlled and deep aspiration to be performed - Indicates the correct positioning of the tube tip for irrigation - Locked aspiration system / Aspiration can be regulated with a push button/ Prevents accidental aspiration - Easy connection to the sucking tubing



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Instructions for Use

Sterile: unless the pack has been opened or damaged.

STERILE R

Single use device, do not resterilize.

Do not use for more than 24 hours.

These instructions are applicable to Trach Care* Neonates / Paediatrics product lines with a Y adapter.

Warning:

1. Check that the Trach Care* is completely retracted before cutting the ET tube.
2. If using the Trach Care* with a filter (heat and humidity exchanger or artificial nose), do not allow the physiological saline to penetrate into the filter. Any excess of physiological saline can cause increased resistance to gas exchange.
3. Do not resterilize
4. Single use device
5. Do not use for more than 24 hours

Configuration:

1. Select the Trach Care* with an appropriate Fr (size of ET tube x 2 – e.g. ET tube 2.5mm = Trach Care* CH 5 -)
2. Select the Y adapter suitable for the ET tube (same size as the ET tube – e.g. ET tube 2.5mm = Y adapter 2.5mm -)
3. Attach the Trach Care* to the Y
4. Attach the thumb control valve to the sucking tube
5. Press the thumb control valve and keep it pushed in while simultaneously adjusting the vacuum regulator to the required level. Release the regulating valve.
6. Remove the adapter from the ET tube and attach the Y to the ET tube and to the ventilator circuit

Recommended Suction Procedure:

1. Stabilise the Trach Care* and the Y adapter with one hand and, with the thumb and the index finger of the other hand, advance the catheter into the ET tube
2. Slide the sheath backwards on the catheter
3. Repeat this action until the catheter has reached the required depth
4. Press the thumb control valve and keep it held down, then gently retract the catheter. Stop withdrawing it when the black mark is visible in the dome
5. If necessary repeat steps 1 to 4 of the operation above
6. Proceed to irrigate the catheter (see instruction for the irrigation of the catheter below)
7. At the end of the operations, close the cap of the irrigation/lavage port



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8. Lock the thumb control valve, disconnect the suction tubing
9. Place the Trach Care* on the arm of the ventilation circuit

Instructions for the Patient Lavage Procedure:

1. Advance the catheter 5-8 cm into the airway.
2. Instil desired quantity of fluid through the irrigation/lavage port
3. Advance the catheter to desired depth and perform suggested suction procedure

Instructions for the Catheter Irrigation Procedure:

1. Check that the black mark is visible in the dome. Open the cap of the lavage/irrigation port
2. Slowly introduce the fluid into the irrigation/lavage port while simultaneously holding down the thumb control valve
3. Continue irrigation until secretion viewing window becomes clear
4. Close the cap of the irrigation/lavage port
5. Lock the thumb control valve by turning it 180 degrees, then disconnect the suction tubing
6. Place the Trach Care* on the arm of the ventilation circuit

Controlled Depth Suction:

1. Locate the last figure on the ET tube, closest to the extremity of the Y adapter
2. Add 5 to this number
3. Advance the catheter until the cm (depth number plus 5) appears in the area directly across from irrigation port connector. Note the nearest colour band.



The coloured bands represent half centimetres

4. The catheter tip will be within 0.5 cm to 1cm of the end of the tracheal tube
5. The colour bands allow easier visualization during subsequent suction procedures

Thumb Control Valve Operation:

1. The thumb control valve can be locked to prevent involuntary or accidental aspiration. To lock it, raise the white part of the valve and turn it 180 degrees.
2. To unlock the valve, proceed likewise

Day Sticker Usage:

1. Trach Care* closed systems are designed to be used for 24 hours.
2. Attach the appropriate label to the thumb control valve. Indicate the day to change the Trach Care*.

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