

# BALLARD™ 7DAY CLOSED SUCTION SYSTEM

## Closed Suction System

### INSTRUCTIONS FOR USE – ADULT PATIENTS

#### 1 PREPARATION



- Wash hands and don appropriate PPE, per hospital protocol.
- Obtain correct catheter size.
- Remove catheter from packaging and remove wedge (Fig. 1).
- Attach flex tube, if necessary.

#### 2 SET-UP



- Attach catheter to suction tubing at thumb valve.
- Depress and hold thumb valve and adjust vacuum regulator to desired level\*.
- Release thumb valve and attach catheter between patient and the ventilator circuit (Fig. 2).

#### 3 ADVANCE THE CATHETER



- Stabilize the catheter and the ET tube adapter with one hand.
- Advance the catheter into the ET tube using the thumb and forefinger of the opposite hand (Fig. 3).
- Advance catheter to desired depth.

#### 4 CONTROLLED DEPTH SUCTION (IF USING DOUBLE SWIVEL ELBOW)



- Align any printed depth number on the catheter with the similar number printed on the endotracheal tube, OR
- Observe the printed number on the ET tube closest to the ET tube adapter.
- Add 8 cm to this number.
- Advance catheter until the sum (depth plus 8) appears in the window across from irrigation port connector

*For controlled depth suctioning for patients with a tracheostomy, please refer to hospital policy.*

#### 5 WITHDRAW THE CATHETER



- Depress and hold the thumb valve.
- Gently withdraw the catheter.
- It is recommended that the suction procedure last no more than 15 seconds.
- Stop withdrawing the catheter when the black ring is visible inside the sleeve (Fig. 5).
- Release thumb valve.

#### 6 IRRIGATE THE CATHETER TIP



- Open cap on irrigation port.
- Insert 15 mL saline vial into irrigation port (Fig. 6).
- Introduce fluid slowly into the port while simultaneously depressing the thumb control valve.

#### 7 LOCK THUMB VALVE



- Lock the thumb valve to prevent inadvertent or accidental suction.
- Lift the white part of the thumb valve and rotate 180 degrees (Fig. 7).
- To unlock, repeat this action.

#### 8 DAY STICKER USAGE



- Apply the appropriate day sticker to thumb valve (Fig. 8).

**Warning:** If using a T-piece, remove cap on T-piece prior to starting continuous flow therapy. Failure to remove cap prior to starting continuous flow therapy may result in serious injury or death.

**Caution:** Inspect catheter and saline packaging before opening. Do not use if package has been compromised.

\*Most experts suggest a negative pressure of 80 to 120 mm Hg (-10.7 to -15.9 kPa)

There are inherent risks in all medical devices. Please refer to the product labeling for indications, cautions, warnings and contraindications, as well as additional information for directional tip, and MDI catheters. Availability of these products might vary from a given country or region to another, as a result of specific local regulatory approval or clearance requirements for sale in such country or region. Non contractual document. The manufacturer reserves the right, without prior notice, to modify the products in order to improve their quality.