RUSCH® EZ-BLOCKER™
The next generation in one-lung ventilation.
ENHANCE PATIENT OUTCOMES DURING SELECTIVE PROCEDURES

The availability of devices to achieve minimally invasive thoracic surgery has increased the need to achieve one-lung ventilation. Double-lumen endobronchial tubes have long been the most popular devices to allow for lung-isolation, but these devices have many drawbacks including the increased risk for airway trauma when compared to single lumen endotracheal tubes, the inability to insert in the event of a difficult airway, challenges in proper sizing and the need to disrupt the airway post-operatively even when additional ventilator support is needed.

An alternative to double-lumen endobronchial tubes are bronchial blockers, which can overcome many of these drawbacks. However, classic single-cuff bronchial blockers take more time to place, the time needed for full lung collapse is longer, and the potential for dislodgement is greater. These drawbacks have limited the acceptance of single-cuff endobronchial blockers.
EZ-Blocker Endobronchial Blocker is the next generation of one-lung ventilation products designed to enhance patient outcomes during selective procedures.

**INNOVATIVE**

The EZ-Blocker Endobronchial Blocker was developed by an anesthesiologist for use by anesthesiologists to provide an improved device for lung isolation. The EZ-Blocker Endobronchial Blocker has a unique Y-shaped distal end that mirrors the bifurcation of the trachea.

**INTUITIVE**

The unique bifurcated distal end of the EZ-Blocker Endobronchial Blocker allows for the intuitive placement of the cuffs in the right or left bronchus. Once the EZ-Blocker Endobronchial Blocker is advanced through the distal end of a single-lumen endotracheal tube, the bifurcated cuffs separate and are naturally directed into the left and right main stem bronchi.

**SECURE**

The EZ-Blocker Endobronchial Blocker is securely placed at the carina without the need for navigation of the cuff into either of the bronchi. With the EZ-Blocker Endobronchial Blocker, cuff inflation can be performed just before lung isolation, which minimizes the need to manipulate the catheter after placement and reduces the potential for the cuffs to become dislodged.¹
TWO DISTINCT PROXIMAL BALLOONS

- Color of the markings on the pilot balloons match color of the distal lumens
- Provides indication of blocker orientation after placement

CENTRAL LUMENS

- Allow oxygen to be administered (CPAP) to the isolated lung during procedure
- Allow CO2 flow check to ensure cuff is providing a full seal

PLACEMENT INTO AN ENDOTRACHEAL TUBE

- Routine intubation technique is used for endotracheal tube placement
- The EZ-Blocker Endobronchial Blocker is inserted through the EZ-Multiport Adaptor into the endotracheal tube
- Not necessary to re-intubate if post-operative ventilation is needed

EZ-MULTIPORT™ ADAPTOR

Facilitates ventilation, placement of the EZ-Blocker Endobronchial Blocker, and the introduction of fiber-optic or video bronchoscopes and suction catheters
Before the surgeon breaks the thoracic vacuum, ensure both cuffs of the EZ-Blocker Endobronchial Blocker are deflated and discontinue ventilation until lung collapse is achieved. Inflate the cuff in the bronchus of the lung to be isolated and then resume ventilation.

NOTE: These instructions are for example only to help familiarize the clinician with the handling of the EZ-Blocker Endobronchial Blocker and do not represent the product’s full Instructions For Use, including its associated cautions and warnings. For a copy of complete product instructions, please contact your Teleflex Anesthesia & Respiratory Sales Specialist.

Intubate as usual with an endotracheal tube (ET) size 7.0 mm or larger. Attach the EZ-Multiport Adaptor.

Confirm depth of intubation leaving 4 cm between distal tip of the ET tube and the carina to allow sufficient space for the deployment of the bifurcated tips.

Insert the EZ-Blocker Endobronchial Blocker in the EZ-Multiport Adaptor and then reinsert the bronchoscope. Advance the EZ-Blocker Endobronchial Blocker until the bifurcated ends are in either bronchus. Verify device orientation under visualization by inflating and deflating cuffs.

The EZ-Blocker Endobronchial Blocker is available in one size only. It is used in combination with a single lumen endotracheal tube. Therefore no reintubation is required after removal of the EZ-Blocker Endobronchial Blocker.
REFERENCES:


2. IMS data FY 2009.
