

EasyAim™ 1 Channel Laryngeal Monitoring Kit Instructions for Use

For ET Tubes with O.D. of 6.0 - 8.0

Reliable performance of Dragonfly® electrodes requires proper positioning. Please follow these instructions carefully and avoid using long-acting paralytics.

Wrapping the EasyAim® electrode around the tube:

Before application, the tube should be kept clean and free of any lubricants or other materials that may inhibit electrode adhesion.

- 1) Turn over and straighten the ET tube to expose what will be the posterior side when intubated. Use of a straightened stylet facilitates hands-free straightening of the ET tube.
- 2) Remove paper backing and align border of the silver plate and clear film with the middle of the posterior portion of the tube, 1mm above the edge of the ET tube cuff (fig. 1). The blue lead wire should extend away from the tube cuff. Press electrode down, first wrapping the shorter, clear side toward the top (anterior) surface of the ET tube. Next wrap the larger, silver side in the opposite direction until it overlaps the other side of the electrode (fig 2).

Verifying Application:

Make sure the shorter, clear side is *not* wrapped over the silver surface. Press down along the entire surface and edge to set adhesive. Avoid rubbing as this may damage the electrode surface.



Figure 1

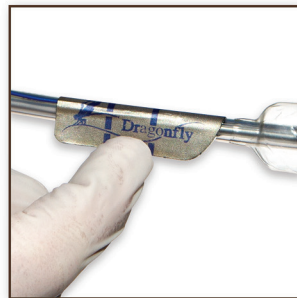


Figure 2

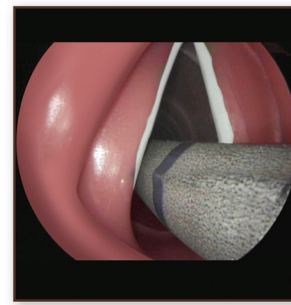


Figure 3

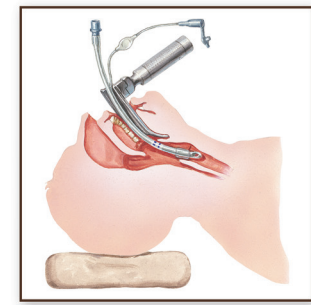


Figure 4

Intubation*:

- 1) A small amount of water-based lubricant, may be applied to the electrode. Do not use petroleum-based lubricants. Insert the ET tube under direct vision or with a video laryngoscope so the vocal cords are touching the electrode plate and rest between the two blue positioning stripes (fig. 3 and fig. 4).
- 2) While keeping the electrode in position on the vocal cords, tape the ET tube securely in the corner of the mouth (fig. 5).
- 3) Tightly secure the breathing circuits so the ET tube will not be displaced.
- 4) After final positioning of patient ensure the tube has not shifted.

Applying the Tadpole™ surface electrode:

- 1) Before applying Tadpole electrodes, remember **10-2-10**. Stretch the skin and make 10 scuffs using the abrasive pad found in the electrode package. Next, wipe the area 2 times using an alcohol wipe and then wait 10 seconds to allow the area to dry. Place electrodes firmly and cover with tape.
- 2) The electrode with the red lead wire goes over the mastoid Process (Fig. 5).
- 3) The electrode with the green lead wire goes over the Trapezius (Fig. 5).

Final setup and testing:

- 1) Attach the blue Dragonfly® electrode lead wire to the + EMG terminal and plug the red lead from to the - EMG terminal.
- 2) Test impedance. All should be around .5 (kΩ) and no higher than 1.0 (kΩ).

* Intubation with Dragonfly® electrodes for longer than 8 hours is not recommended.

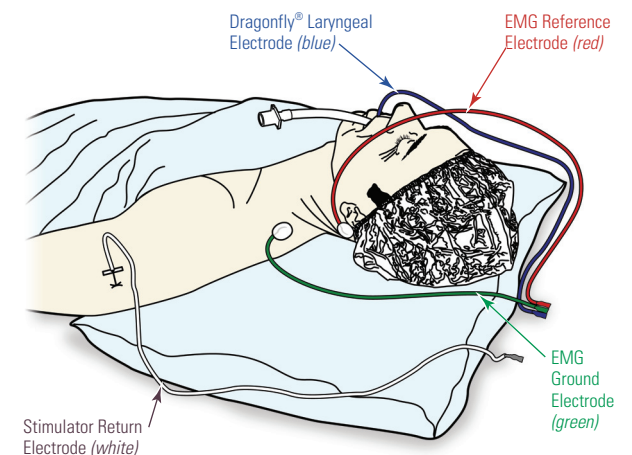


Figure 5



Made in California, USA

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