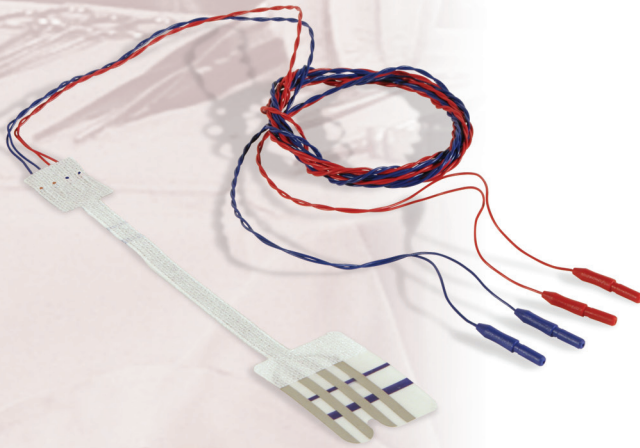
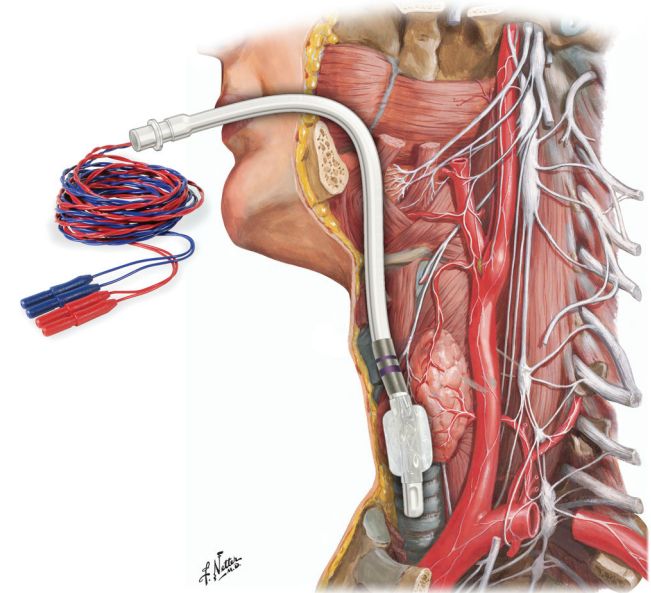
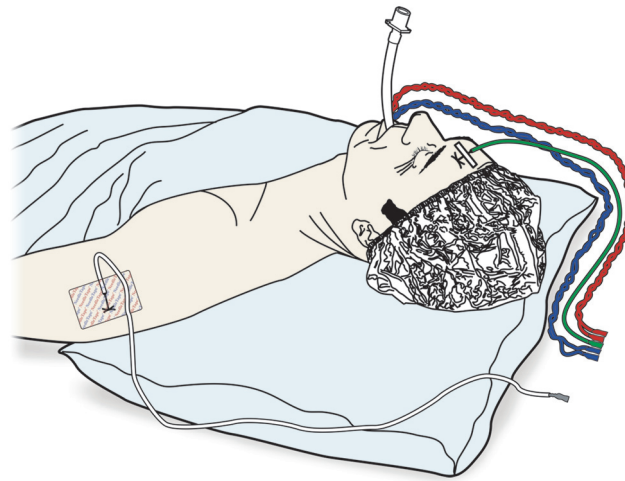
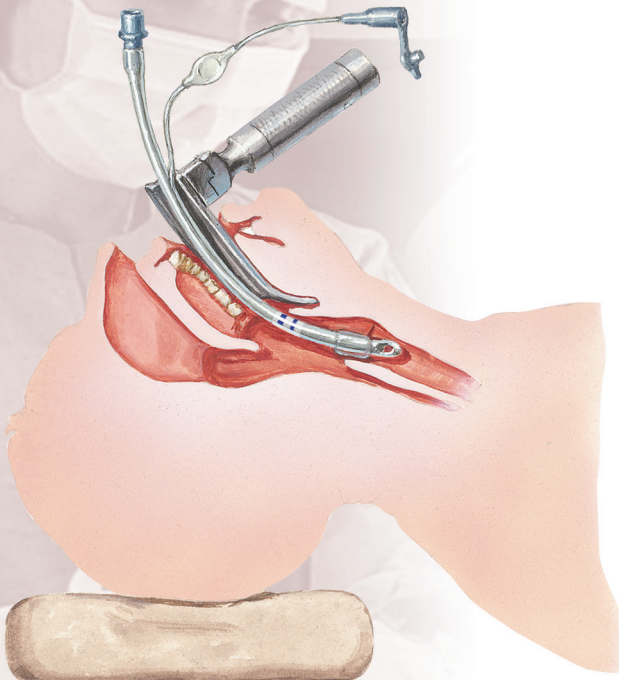




Two Channel Laryngeal Monitoring Kit

Use with Any ET Tube and
EMG Nerve Monitor



Package Contents:

- 1 Dragonfly[®] Laryngeal Surface Electrode (2 Channel)
- 2 Disposable Stainless Steel Needle Electrodes (contains 1 Green, 1 White)
- 2 NeedleTape[™]
- 1 Laryngeal Electrode Instructions



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US Patent # 7,583,991



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Dragonfly® Two Channel Laryngeal Surface Electrode Intubation Instructions

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

Choosing the electrode:

- 1) Choose any non-silicon ET tube and the appropriate electrode based on the ET size chart below:

ET Tube ID Size	Dragonfly Electrode Item Code
6.0 - 7.5mm	LSE500DCS
8.0 - 9.5mm	LSE500DCL

Applying the electrode:

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 to expose adhesive. Align electrode's midline with the midline of the posterior portion of the tube, just above the ET tube cuff. (fig. 1) Press electrode down, first wrapping the larger flap toward the top (*anterior*) side of the tube. Then wrap the smaller flap overlapping the other side of the electrode. Press along the entire surface and edge to ensure proper adhesion. (fig. 2)

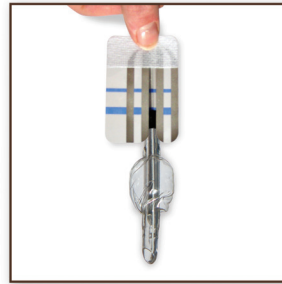


Figure 1



Figure 2

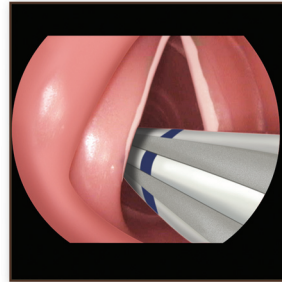


Figure 3

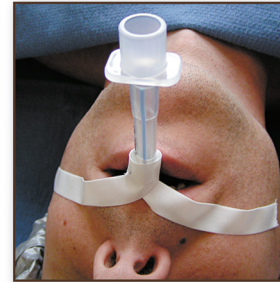


Figure 4

Intubation*:

- 1) A small amount of lubricant may be applied to the electrode. Insert the ET tube under direct vision or with a video laryngoscope so that each vocal cord is touching its respective pair of electrode plates and rests between the two blue positioning stripes. (fig. 3)

Note the depth number on the ET tube against the maxillary central incisors before any further positioning of the patient.

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

- 2) Tape the ET tube securely with 2 pieces of tape by wrapping each piece first around the tube and then securing to the upper lip. (fig. 4) Secure the tail of the electrode to the ET tube with a piece of tape.
- 3) Tightly secure the breathing circuits so the ET tube will not rotate or be displaced and then verify final electrode position by laryngoscopy with a #3 Miller Blade or with a video laryngoscope.
- 4) After final positioning of patient, align ET tube in the middle of the pharynx behind the tongue. The posterior portion of the ET tube should be directly opposite the central maxillary incisor gap at the depth number noted after initial positioning.
- 5) Attach the two red lead wires to the + and - terminals of a single EMG channel and the blue lead wires to the terminals of another channel. Apply an EMG ground.

