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## **Lantern Laryngeal Electrode Setup Instructions**

### **For use with a Neurosign 100 or 400**

- Check with the anesthesiologist what size tube they wish to use. It is not necessary or desirable to use an over-sized tube!
- Choose the appropriate size of electrode. For a 7.5mm tube, use the 6/7mm size
- Watch the video on YouTube at <http://www.youtube.com/user/NeurosignSurgical> It is about 6 minutes in length and shows how to put the electrode on the tube if you have not done it before, and apply the electrode. If it is put on wrong, don't try and rescue it, use another one
- The edge of the electrode should be about 2-5mm above the weld of the cuff to the tube
- Intubate so that the green line on the electrode is in the midline as it goes through the cords
- You can see the lantern deform as it passes through the cords, so when it starts to deform, insert the tube another 1cm
- In women, the tube should be about 19cm at the lips, and in men it should be 20/21cm
- Connect the cable, attach the yellow wires to Channel 1 (N100) or 2 (N400) - this will monitor the left cord. Connect the blue wires to Channel 2 (N100) or 3 (N400) - this will monitor the right cord. Connect the green to either of the reference connectors, leaving 1 not connected

### **For use with the Medtronic NIM Response**

- Check with the anesthesiologist what size tube they wish to use. It is not necessary or desirable to use an over-sized tube!
- Choose the appropriate size of electrode. For a 7.5mm tube, use the 6/7mm size
- Watch the video on YouTube at <http://www.youtube.com/user/NeurosignSurgical> It is about 6 minutes in length and shows how to put the electrode on the tube if you have not done it before, and apply the electrode. If it is put on wrong, don't try and rescue it, use another one
- The edge of the electrode should be about 2-5mm above the weld of the cuff to the tube
- Intubate so that the green line on the electrode is in the midline as it goes through the cords
- You can see the lantern deform as it passes through the cords, so when it starts to deform, insert the tube another 1cm
- In women, the tube should be about 19cm at the lips, and in men it should be 20/21cm
- Connect the cable, attach the yellow wires to Channel 1 and the blue wires to Channel 2. Connect the green wire to the Ground connection