

Bipolar Forceps Hand Actuator Questionnaire for Surgeons

Dear Doctor;

Thank you so much for being one of the first surgeons to review our prototype disposable bipolar forceps hand switch/cable. The hand switch is designed to be part of the disposable cable for use with bipolar electrocautery forceps and is meant to replace your current bipolar disposable cable at the same cost. It is configured so that you can use either the hand switch or the foot pedal during surgery. It is constructed so that you can even remove the actuator arm and use the forceps with a foot pedal if needed. We would greatly appreciate your review of this prototype in order to produce the best possible hand actuator for your use. Please take a few minutes to answer the following questions. In return, we will send you one of the first production versions for trial use in the OR free of charge.

1) How many cases per week using irrigating bipolar electrocautery: _____ non-irrigating: _____

2) Do you find the use of the bipolar foot pedal less than ideal? **Yes or No**

3) Do you like the design / appearance of the prototype? **Yes or No**

a) Is color important to you? **Yes or No** **Pref'd Color:** _____

b) Is the switch assembly is too big? **Yes or No** Is the actuator arm too big? **Yes or No**

4) Is there a weighting problem? **Yes or No**

If yes, please explain: _____

5) Does the actuator arm obstruct vision? **Yes or No**

6) Is the switch mechanism adequately sensitive? **Yes or No**

If **No**, is it: **TOO SENSITIVE** **Not Sufficiently Sensitive** Other: _____

7) Does the switch mechanism negatively affect your use of the BiPolar? **Yes or No**

If **Yes**, in what way? _____

8) Would you alternate between hand switch and foot pedal? **Yes or No**

9) Do you think it might be necessary to remove the actuator arm in some situations? **Yes or No**

10) Do you assign the foot pedal to an assistant during surgery? **Yes or No** Is this ideal? **Yes or No**

11) Does the prototype fit comfortably in your hand? **Yes No No, should be smaller.**

Comments: _____

12) Would you still use the foot pedal instead of the hand switch? **Yes or No**

13) Does the actuator arm feel comfortable? **Too Short Too Long Too Bulky**

14) If this disposable switch/cable assembly were available at the same cost as your current disposable bipolar forceps cable, would you purchase? **Very Likely Somewhat Likely Likely Not Likely**

15) Likelihood that more than 50% of your department's surgeons would use this hand actuator? **Very Likely Somewhat Likely Likely Not Likely**

16) The switch assembly can be made smaller. Is the ability to remove the actuator arm an important feature to you? **Yes or No**

17) Do you use disposable bipolar forceps cables? **Yes or No** Disposable forceps? **Yes or No**

Surgeon Name: _____ Date: _____

Specialty: **ORTHO NEURO ENT HAND OPHTHO OTHER:** _____

(4-26-16)