



## BiPAD<sup>®</sup> HAND SWITCH -VERSUS- FOOT PEDAL

OVERVIEW	BiPAD <sup>®</sup> HAND SWITCH	FOOT PEDAL
EASE OF USE	<input checked="" type="checkbox"/> BiPAD <sup>®</sup> hand switch is intuitive to use & keeps the surgeons focus on the surgical space.	<input type="checkbox"/> The foot pedal is problematic to use for a variety of reasons; location, access, delay in activation, cleaning, etc.
SPEED OF ACTIVATION	<input checked="" type="checkbox"/> Hand activation is more intuitive and faster than the foot pedal.	<input type="checkbox"/> Studies show that the time to activation for a foot pedal is longer than hand activation.
OR STAFF ENGAGEMENT	<input checked="" type="checkbox"/> The BiPAD <sup>®</sup> hand switch is integrated into the disposable cord so, set up is easy and does not require additional steps.	<input type="checkbox"/> The foot pedal requires set up, positioning, & cleaning by O.R. staff, while also creating issues with space and additional wires.
BLOOD LOSS	<input checked="" type="checkbox"/> Due to the quick activation, the hand switch offers, cauterization is achieved quickly and, when needed, minimizing blood loss.	<input type="checkbox"/> The various reasons that create delays in activation (i.e., cauterization) using the foot pedal results in unnecessary blood loss.
O.R. TIME	<input checked="" type="checkbox"/> The BiPAD <sup>®</sup> disposable cord with an integrated hand switch simply replaces your existing bipolar electrocautery cord, eliminating the issues with the foot pedal. Additionally, time to cauterization is fast, all saving valuable O.R. time.	<input type="checkbox"/> The foot pedal requires set up, repositioning, delay in activation, and clean up, which results in additional O.R. time.
CONTAMINATION	<input checked="" type="checkbox"/> The fundamental motivation of the design concept for the BiPAD Hand Switch was the elimination of the foot pedal. The BiPAD <sup>®</sup> disposable cord and integrated hand switch is sterile and simply replaces your existing cord.	<input type="checkbox"/> The foot pedal & cords are placed on the unsterile floor, where there is blood & contaminants. The O.R. staff needs to set up, reposition (an average of 2X per surgery), and breakdown, all exposing them to contamination & unsterile field.
PHYSICIAN DISTRACTION	<input checked="" type="checkbox"/> The BiPAD <sup>®</sup> Hand Switch is right at the surgeon's fingertips. The activation of electrocautery is very intuitive and instantaneous, keeping the surgeon's focus in the surgical field.	<input type="checkbox"/> The simple need to activate the foot pedal located under the O.R. table is a distraction in itself. This becomes more complicated when it needs to be relocated by the surgeon or even by additional staff. This happens an average of 2X per surgery.
PHYSICIAN FATIGUE	<input checked="" type="checkbox"/> BiPAD <sup>®</sup> Hand Switch minimizes physician fatigue.	<input type="checkbox"/> The distractions and longer O.R. time contribute to physician fatigue.
STERILIZATION COST	<input checked="" type="checkbox"/> BiPAD <sup>®</sup> cord eliminates the foot pedal and comes sterilized.	<input type="checkbox"/> The foot pedal and associated cords require cleaning and sterilization.
SET-UP	<input checked="" type="checkbox"/> BiPAD <sup>®</sup> disposable cord with an integrated hand switch simply replaces your existing cord.	<input type="checkbox"/> Time and cost are associated with setting up and maintaining the foot pedal.
ACTIVATION OF WRONG FOOT PEDAL	<input checked="" type="checkbox"/> As BiPAD <sup>®</sup> hand switch eliminates the need for a foot pedal, the safety issue of stepping on the wrong pedal is eliminated.	<input type="checkbox"/> Bipolar cauterization is not the only foot pedal the surgeon needs to activate, creating the real danger of stepping on the wrong pedal.
O.R. FIRE	<input checked="" type="checkbox"/> The device is manually activated by the surgeon and without need for a foot pedal.	<input type="checkbox"/> Operating room fires have occurred when the surgical assistant assigned to work the electrocautery foot pedal failed to deactivate the device in time.
COST	<input checked="" type="checkbox"/> The cost of the BiPAD <sup>®</sup> Disposable bipolar electrocautery cord with Integrated Hand Switch is nominal, and the cost savings associated with the reduction of O.R. time and use of foot pedal are tangible and significant.	<input type="checkbox"/> The cost of delayed activation, time to reposition the foot pedal, set up, breakdown, cleaning, & maintenance of the foot pedal & cords as well as additional blood loss all contribute to additional O.R. costs