

FREQUENTLY ASKED QUESTIONS

Q: What is Electro Lube™ made of?

A: Electro Lube is a solution made from a soy-based biocompatible phospholipid solution similar to what the human body produces naturally.¹²

Q: How much Electro Lube should be used?

A: It is procedure-dependent. The IFU states to apply Electro Lube onto the foam pad or dip the electrode tip into the bottle, then wipe the electrode tip on the included foam pad to leave a thin film.¹¹ Application is done at the beginning of the procedure as well as throughout the procedure as needed.

Q: Does Electro Lube have any precautions?

A: Electro Lube contains Lecithin (Soy). Soy is a potential allergen, which should be considered in treatment plans for individuals with known soy sensitivities.⁹

Q: Has Electro Lube been clinically studied?

A: Yes, Electro Lube has been evaluated in physician-initiated, randomized control trials (rhytidectomy and adenoidectomy procedures).^{3,5} Articles available upon request.

Q: Is Electro Lube sterile and ready to use?

A: Yes. Electro Lube is sterilized by gamma irradiation at a certified vendor facility in accordance with standard ISO 11137.¹²

ACCORDING TO THE GUIDELINES:

"Eschar buildup on the active electrode tip has been reported to impede the current flow, causing the unit to function less effectively. An anti-stick phospholipid solution may be used to decrease eschar buildup. High-quality evidence supports the use of an anti-stick phospholipid solution to reduce surgical time."¹⁰



"The buildup of eschar impedes the flow of the electrical current, and it can serve as an ignitable fuel. The heat on the tip causes small pieces of tissue to adhere to the surface of the tip. The tissue can become superheated and become an ignition and fuel source. Since the eschar can impede the flow of electrical current, the resistive heating of the tip will also increase."¹¹



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10. Guidelines for Perioperative Practice, Section 3.11.1, AORN, 2021
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ELECTRO LUBE™

ANTI-STICK SOLUTION FOR ELECTROSURGICAL PROCEDURES



THIS OR THAT?



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CONTINUED GROWTH AND THE CHALLENGES OF ELECTROSURGICAL PROCEDURES



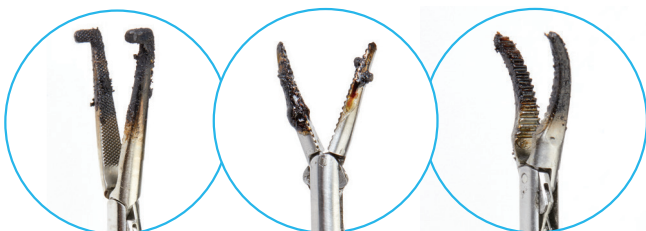
Approximately 14 million minimally invasive surgeries are performed in the US each year¹ with an expected growth of 8.1% annually.² With continued growth, the demands for operating room staff to balance costs, compliance, and safety are becoming more complex.

In terms of safety and procedural excellence, a common challenge in nearly all electrosurgical procedures is the **buildup of eschar on electrode tips**. Eschar is a sticky, charred tissue byproduct of generating desired tissue changes during electrosurgical procedures through tissue desiccation, fulguration, and vaporization.

PROBLEMS WITH ESCHAR

Eschar is difficult to remove during a procedure and the buildup of eschar can cause the following:

- Increased hand backs³
- Prolonged operating time³
- Increased risk of tears and bleeders³
- Disruption of energy flow through instrument⁴



ELECTRO LUBE™

ANTI-STICK SOLUTION

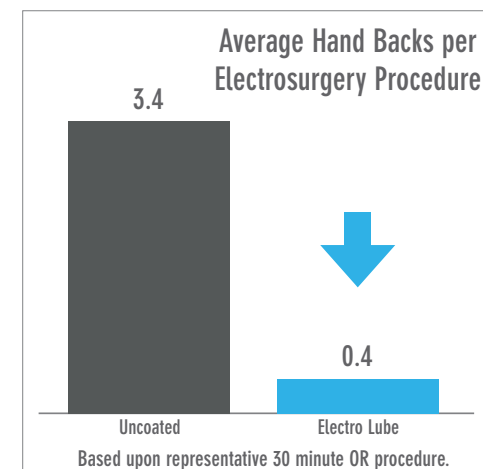
Electro Lube is a single-patient use anti-stick phospholipid solution designed to keep tissue from sticking to the electrosurgical instrument tip, reducing eschar buildup during a procedure.

APPLICATION METHODS:



CLINICAL STUDY

In a clinical study, Electro Lube was shown to shorten surgical time by 23.2%.⁵ With the average hand back taking greater than 35 seconds, Electro Lube can save several minutes of valuable surgery time.⁵ For an average hospital this can save tens of thousands of dollars in indirect costs and reduce the time that the patient is on the table.^{5,6}



Reducing the number of hand backs in a procedure will reduce procedure time.⁵ Studies show that for every added minute of OR time, the risk of patient complications increases by 1%.⁷ Recent studies show the incremental cost of a single complication is \$19,626 and the occurrence rate is 0.27% of all minimally invasive procedures, on average.^{8,6}



WITH ELECTRO LUBE



WITHOUT ELECTRO LUBE

