

## **ABSTRACT**

*High Frequency (HF) Aaron 940™ Desiccator or commonly called low power Electro Surgery Unit (ESU), produces radio frequency currents that are useful for removing and destroying acne objects or infections on the skin. This is done by performing drying and fulguration procedures. Electrosurgical desiccation occurs when an active electrode is placed directly onto the surface of the object. Fulguration occurs when the active electrode is held slightly above the object.*

*The term electrosurgery (also called radio frequency surgery) refers to high frequency alternating current through the tissue to obtain certain surgical effects. With frequencies above 300 kHz, the use of HF Desiccator is considered safer because it can eliminate faradic and electrolysis effects which are dangerous if exposed to the patient directly.*

*This device consists of a series of high frequency generators, intensity regulators, voltage multiplier transformers and output electrodes.*

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**Keyword : ESU, Electrosurgical Dessication, High Frequency**