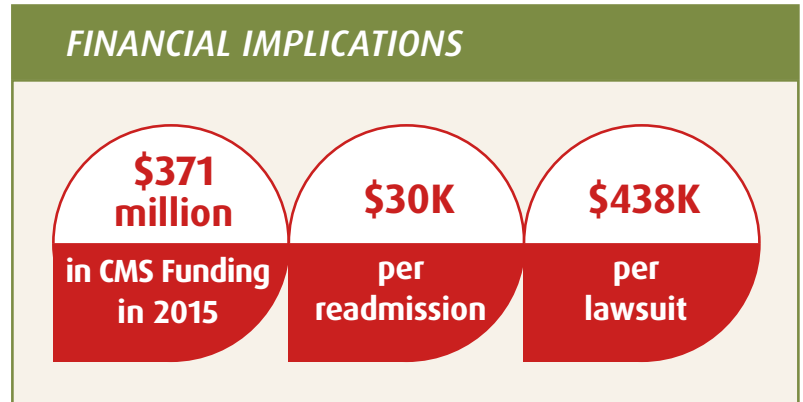
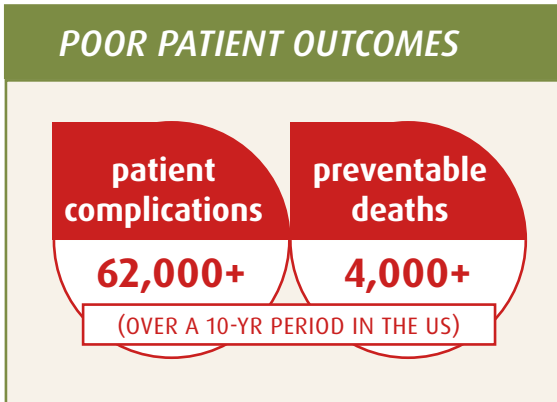


# LAPAROSCOPIC SURGICAL BURNS **KILL 1-2 PEOPLE EVERYDAY** AND CAUSE A SERIOUS COMPLICATION EVERY 90 MINUTES.



## IT'S NOT THE TECHNIQUE, IT'S THE TECHNOLOGY!

Basic instrument design hasn't changed since the 1980s. Even today, unshielded, traditional monopolar laparoscopic instruments cannot prevent stray energy from escaping (due to insulation failure and capacitive coupling).

**INSULATION FAILURE**

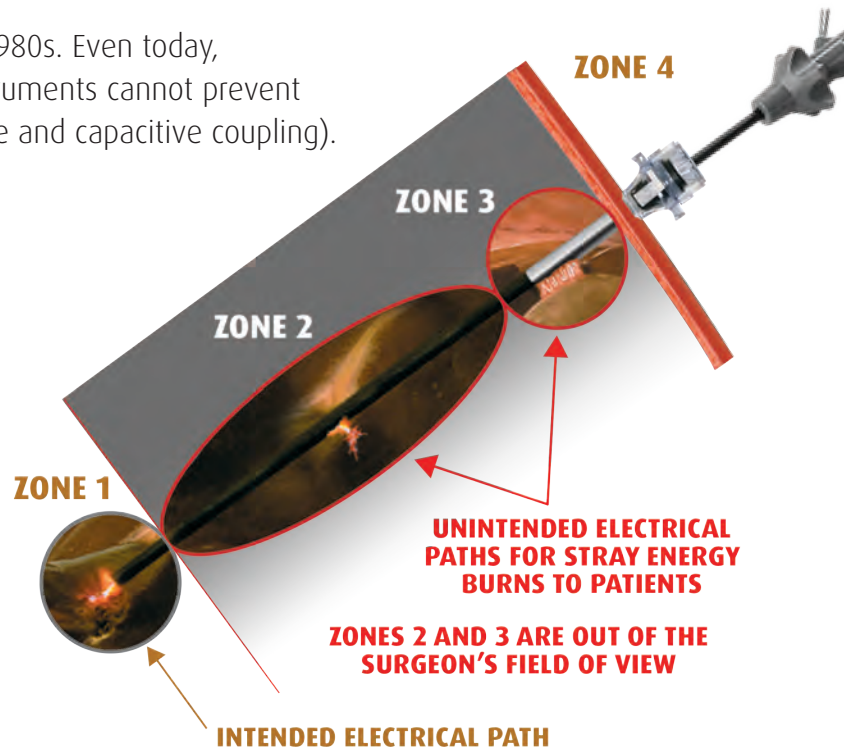
A hole in the instrument's outer insulation, from which the full power of the ESU is delivered to unintended tissue. 57% cannot be seen!

**Instrumentation insulation-failure rates\***

- 1 in 5 reusables
- 1 in 33 disposables

**CAPACITIVE COUPLING –**

In every surgery, a capacitor is created between the monopolar laparoscopic instrument and the patient. This leads to stray energy being coupled to the patient through *intact* insulation, causing internal burns.



### What is your facility doing to protect patients from this preventable problem?

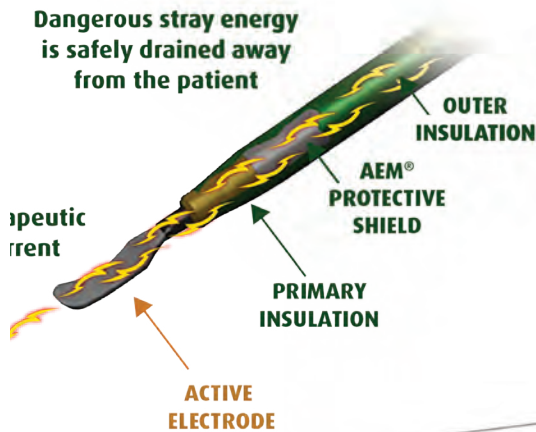
Instrument inspection and electrical testing does not eliminate the problem with insulation failure and does nothing to prevent capacitive coupling.

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 Email: [orders@vhms.com](mailto:orders@vhms.com)  
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\*References available upon request.

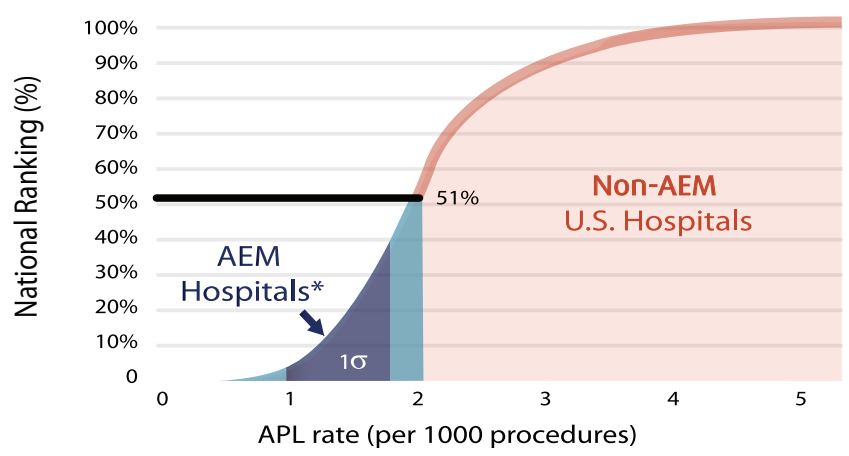
# THE AEM<sup>®</sup> BURN PROTECTION SYSTEM ELIMINATES STRAY ENERGY BURNS DURING LAPAROSCOPY... **GUARANTEED!**



## Active Electrode Monitoring (AEM):

- Saves lives and reduces surgical complications
- Saves money from CMS HAC penalties, patient readmissions, and lawsuits.
- Provides optimal results with high performance AEM laparoscopic instruments

Hospitals using AEM as a standard of care significantly outperform the US national average for surgical complications (APL rate).



\*AEM Hospitals are based upon an analysis of current AEM customer APL data in Houston, TX using a 90% confidence interval. These hospitals use AEM burn protection as a standard of care and therefore are a good representation of AEM hospitals nationally. Data on file.

**CONTACT ENCISION TODAY TO LEARN MORE AND SCHEDULE A FREE CLINICAL VALIDATION.**