

"How Does Your Hospital Check Laparoscopic Instruments to Prevent Stray Energy Burns During Laparoscopy?"

*Encision's AEM®
Laparoscopic
Instruments...
Ensuring **On-target**
Patient Safety*

AEM®

Hipot Electrical Testing

Visual Inspection

Does Nothing



SAFE AND EFFECTIVE DELIVERY OF ELECTROSURGICAL ENERGY

ENCISION®

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Method Used to Prevent Stray Energy Burns During Laparoscopy	Where is it employed?	What does it detect or verify?	Does it detect		Does it continuously monitor for stray energy during surgery?	Does it signal the generator to shut off if it detects stray energy?
			insulation failure?	capacitive coupling?		
ACTIVE ELECTRODE MONITORING	Operating Room	Continuously monitors the instrument for stray energy during surgery	YES	YES	YES	YES, and immediately alerts OR staff of a bad instrument
Hipot Electrical Testing	Sterile Processing	"Wandering" of the instrument checks for visually imperceptible holes and defects in the instrument's insulation	YES	NO	—	—
	Operating Room (pre- and post-op, not during surgery)		YES	NO	NO	NO
Visual Inspection	Sterile Processing	Visually perceptible holes or defects in the instrument's insulation	MAYBE, staff may not detect hole(s) upon inspection	NO	—	—
	Operating Room (pre- and post-op, not during surgery)			NO	NO	NO
Does Nothing	—	—	NO	NO	NO	NO

When it comes to preventing stray energy burns from insulation failure and capacitive coupling, ~~aim~~ **AEM higher!**

