## ENCISION Inc. Boulder, Colorado OTC: ECIA



Eliminating deadly stray energy in Laparoscopic Surgery with proprietary high performance surgical instrument system.

# **Encision Inc. Disclaimer Statement**

The following information does not purport to be all-inclusive or to contain all the information that you may desire for investing in Encision. You should conduct and rely on your own evaluation of Encision, including the merits and risks involved, in making an investment decision with respect to our shares. This document and our periodic reports filed with the SEC contain certain forward-looking statements that involve risks and uncertainties with respect to our business and our industry. Our actual results could differ materially from those included in forward-looking statements. Factors that could contribute to these differences include those matters discussed in the Risk Factors sections of our periodic reports filed with the SEC. We assume no obligation to update such forward-looking statements or to update the reasons that actual results could differ materially from those anticipated in such forward-looking statements.

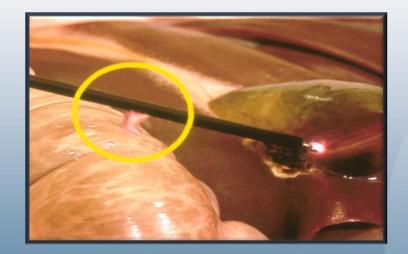
## Strong Need for Encision's AEM® Technology

- Approximately 5 million standard laparoscopic surgical procedures in the US in 2016. ~75% use Monopolar Surgical Energy to dissect tissues and create hemostasis.
- Stray Energy during Laparoscopic Surgical procedures kills 400-600 patients each year in the United States and severely injures another 1800-2000.
- Encision's proprietary Active Electrode Monitoring (AEM<sup>®</sup>) Technology is the only guaranteed method to eliminate stray energy injuries intraoperatively.
- CMS is penalizing Hospital Systems with high Hospital Acquired Condition Scores



#### Encision saves patients' lives with Active Electrode Monitoring (AEM®) Technology

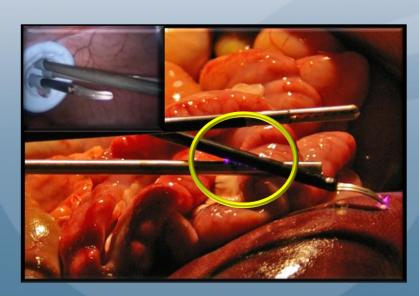
## Forms of Stray Energy in Laparoscopy



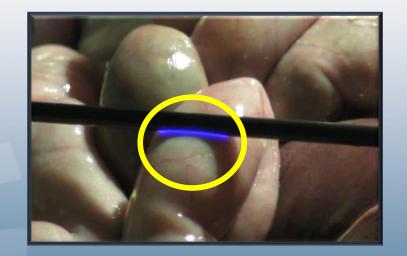
Insulation Failure Active Electrosurgical Electrode

Failure Rate: 1 in 5 – Reusables 1 in 33 – Disposables

SAGES 2005, 2007, Mayo Clinic 2008, Univ Colorado 2010



Capacitive Coupling Active Electrosurgical Electrode and Cold Instrumentation



Capacitive Coupling Active Electrosurgical Electrode

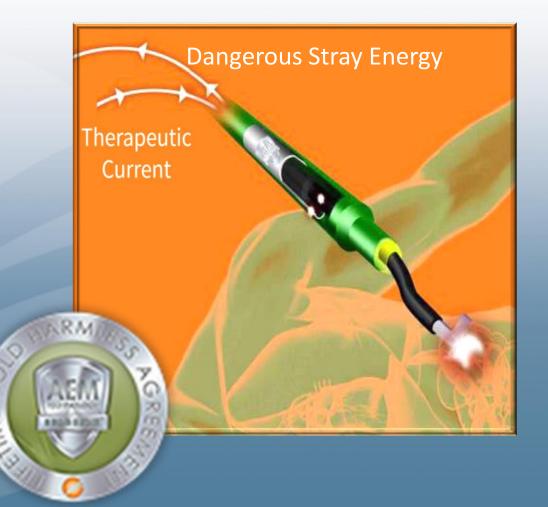
Between 400-600 Patients die each year from stray energy burns (Fecal Peritonitis Post Operative Sepsis)

J Urol 1999 Mar;161(3):887-90 Laparoscopic bowel injury: incidence and clinical presentation. Bishoff JT, Allaf ME, Kirkels W, Moore RG, Kavoussi LR, Schroder F. Brady Urological Institute, Johns Hopkins Medical Institutions, Baltimore, Maryland, USA.

### **Delivering Value**

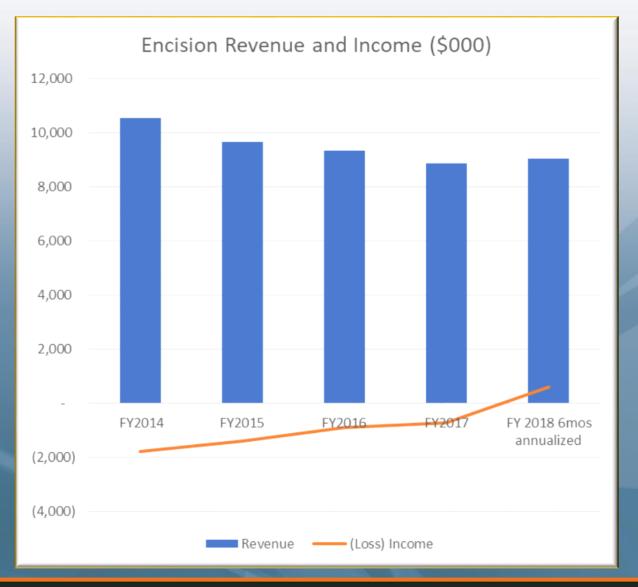
<u>Clinical Value</u>: AEM<sup>®</sup> Technology alone saves patient lives by eliminating stray energy burns during laparoscopy.

**Economic Value:** AEM® Technology alone reduces hospital liability by eliminating a source of surgical malpractice, reduces hospital risk of CMS penalties, and reduces costly readmissions and associated unreimbursed expenses.



Stray energy burns are not caused by surgical technique – they are a fundamental flaw in monopolar surgical energy

# Where have we been?



#### **Phase I - Turn Around**

- Operational Excellence
  - Aggressive Cost Cutting
  - Process Optimization
  - Driving New Efficiencies
- Bolstering the Product Portfolio and Sales Channel
  - EM100 monitor quickly iterated to EM200
  - New ES5107 Cable
  - New EM3 Capital Monitor
  - Re-established North American Sales Channel
- New Evidence that substantiates the dangers of Stray Energy and the benefits of AEM<sup>®</sup> Technology



# Where do we go from here?

**Phase II - Drive Increased revenues** from portfolio enhancements and increased sales presence.

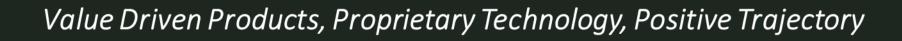
#### **Opportunities:**

- New products for existing call points
- Iterate existing products for cost and aesthetic improvement
- Optimize US Channel and expand International Sales
- License opportunities
- New OEM manufacturing opportunities

## **Encision LT Vision**

#### 10-15% Annual Growth Objective

- Increased Customer Awareness
- New AEM<sup>®</sup> Product Development
- US Channel Optimization
- OUS Channel Expansion



# Thank You!



## **Encision**

- Life saving technology
- New products gaining traction in the market
- Operational excellence
- Driving revenues and profitability

Symbol: ECIA www.encision.com