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Hospital News

ENCISION

eEdge™ SCISSORS

REDEFINING SURGICAL PRECISION

Monopolar laparoscopic instruments have an inherent problem with their design; they are prone to insulation failure and capacitive coupling, causing patient burns. These stray energy burns occur in the surgeon's blind spot. As a result, they typically go undiagnosed and further manifest into severe complications. In response to this inherent problem in non-AEM instruments, other medical device manufacturers have made attempts to reduce the risk of stray energy burns from monopolar energy. The intent of these technologies, to reduce preventable patient burns, is an excellent goal. Unfortunately all of these other technologies fall short and only minimally reduce the risk to the patient. Only Encision's AEM® technology eliminates stray energy burns from monopolar electrosurgical energy in laparoscopy,

	AEM Technology™ (Encision®)	InsulScan™	Instant Response™ (Covidien®)	Tissuefect™ Technology (Covidien®)	Valleylab™ Mode (Covidien®)	Dynamic™ Response (ConMed®)	Indicator Shaft™ (MegaDyne®)
Eliminates Stray Energy Burns to the Patient	✓	⊘	⊘	⊘	⊘	⊘	⊘
Actively Protects the Patient from Insulation Failures	✓	⊘	⊘	⊘	⊘	⊘	⊘
Checks Instrument for Insulation Failure before a procedure	✓	✓	⊘	⊘	⊘	⊘	✓
Eliminates Capacitive Coupling to the patient	✓	⊘	⊘	⊘	⊘	⊘	⊘
Reduces Capacitive Coupling	✓	⊘	✓	✓	✓	✓	⊘

Other electrosurgical energy forms have gained popularity in recent years. In specific instances these are a great alternative to monopolar energy. However, these technologies have limited application and significantly higher cost of instrumentation. Encision's AEM monopolar instruments offer a safe, effective, economical solution.

In every AEM instrument, the active electrode is surrounded by the primary insulation layer. The primary insulation layer withstands the high voltages of electrosurgery, ensuring effective use of the active electrode. The protective shield is a conductive tube that surrounds the primary insulation layer and active electrode. The shield conducts stray energy back to the generator, ensuring there is no chance of a stray energy burn to the patient. The outer insulation provides an additional layer of insulation for all AEM instruments.

Machined from a solid block of high-density, heat-treated, alloy steel using advanced EDM technology, Encision's state-of-the-art AEM instruments help physicians quickly achieve optimal results and minimize complications. Reusable enTouch™ Instruments

- Enhanced stability and power with direct-drive trigger and stiff shaft
- Force applied at the trigger is amplified through 7 to 1 mechanical advantage and directly transferred to the tip, which may reduce hand fatigue for the surgeon

- Indexing, locking rotation knob enables precision tissue manipulation
- Pairs with a wide portfolio of AEM enTouch graspers and dissectors (60+ tip styles) to satisfy surgeon preference Disposable eEdge™ scissors
- Out-of-the-box sharpness avoids the dulling that comes from continued use of reusable and reprocessed scissors
- Micro-serrations on the blade "grip" tissue, helping physicians quickly achieve optimal results and minimize complications from tissue extrusion
- Disposable sheath accessory allows ultra-precise concentration of the energy delivery to the tip AEM Electrodes
- Stiff shaft and rotatable electrode enable precise positioning of the active tip
- Enhanced stability and power through ergonomically designed hand piece
- Available in a wide variety of styles (tips, lengths, foot/hand control, suction-irrigation designs) to satisfy surgeon preference

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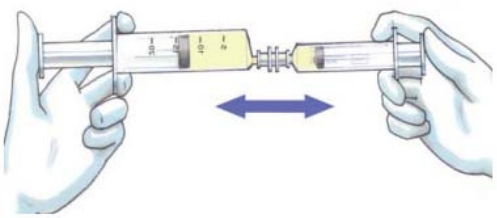
Apple Hunt Secondary Cannulas

- **Uninhibited Abdominal Access**
  No bulky external valves, fittings or housings
- **Accepts 3mm instruments**
  Without reducers
- **Easy passage for Instruments**
- **No Glare, No Reflection**
  Laser reflection is eliminated with specially designed sleeve colour and finish
- **Two Tip Styles**
  Choice of pyramidal or conical steel tips
- **Holds Instrument in Place**
  Airtight seal clears operative field, holds instruments securely permitting hands-free exchanges without loss of pneumoperitoneum
- **Smooth Cannula/Trocar Transition**
  Designed for easier sleeve insertion and to lessen the risk of patient injury
- **Cannula Anchors Securely to Patient**
  Specially designed, clinically proven fascia-anchoring threads hold cannula securely in place, regardless of number of instrument exchanges
- **Suturing through Cannula**
  Design permits suturing through the cannula
- **Easy to work with**
  Ergonomic design of trocar palm piece makes device easy to handle, convenient to use

ExEm Foam-Kit

Tubal patency with clear results

ExEm foam kits provide an inexpensive, simple, one kit solution for outpatient ultrasound testing of tubal patency and uterine anatomy in patients with fertility or gynaecological problems. Achieve better results in HyCosy procedures - the imaging is superior and longer lasting than any other sonohysterography products.



By mixing ExEm® gel and purified water a gel foam is created. After infusing the foam through the uterine cavity into the fallopian tubes, practical ultrasound images can be obtained to check the patency of the fallopian tubes in infertility patients. Subsequently high quality ultrasound images can be obtained. The ExEm® Foam-kit contains a 10 ml syringe with ExEm® gel, a 10 ml syringe with purified water, an empty 20 ml syringe and a coupling device.

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