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PlasmaJet® Named 'Innovation of the Year' by the Society of Laparoendoscopic Surgeons

CHICAGO, Sept. 17, 2008 – Plasma Surgical Ltd., a global company committed to advancing surgical technology that enhances the care and safety of patients during medical procedures, today announced that its flagship product, PlasmaJet®, has been named an "Innovation of the Year" by the Society of Laparoendoscopic Surgeons (SLS). The recognition was presented during the 17th SLS Annual Meeting and Endo Expo 2008 and recognizes the most innovative products of the year that have a multidisciplinary application to minimally-invasive surgery. Accepting the recognition for Plasma Surgical was Professor Nikolay Suslov, chief technical officer (CTO) and inventor of the PlasmaJet.

"Plasma Surgical is pleased to be recognized by the SLS, one of the leading organizations representing surgeons and associated professionals," said Peter Gibson, chief executive officer (CEO) of Plasma Surgical. "PlasmaJet harnesses aerospace technology and the unique properties of pure plasma to deliver clean, precise surgical cutting and coagulation of tissue and bone. It truly sets a new standard in surgery and is simple and safe compared to existing techniques."

PlasmaJet is the first and only plasma surgery system offering a new approach to surgical cutting and coagulation. Until recently, electrosurgery-based equipment was the standard used by surgeons to cut and coagulate tissue. Electrosurgery-based equipment cuts and coagulates using electrical currents that flow through patients' bodies, placing patients at risk for burns, deep tissue damage caused by electrical sparks, and even death from such complications.

PlasmaJet was cleared for marketing in the United States in 2004 for coagulation, and on June 24, 2008, the device received 510(k) clearance from the Food and Drug Administration (FDA) for cutting. PlasmaJet provides a higher standard of care than electrosurgery because it avoids the use of electric currents flowing through patients.

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PlasmaJet generates intense energy in the form of pure plasma. The plasma created is released upon contact with tissue and bone in the form of thermal and kinetic energy. Surgeons deliver this energy through a disposable, ergonomically-designed handpiece.

PlasmaJet is ideal for laparoendoscopic surgery because it has a very low gas flow, less than 0.6 l/m, in comparison to the argon beam coagulator, which can use up to 6 l/m. Current applications for the PlasmaJet are in OB-GYN, orthopedic surgery, thoracic surgery, hepatobiliary, urology, general surgery, plastic surgery and many other surgical specialties in which accurate tissue cutting and management of bleeding are vital.

PlasmaJet has already been used in operating rooms at more than 50 different clinical centers in North America, Europe and Russia.

About the Society of Laparoendoscopic Surgeons

SLS recognizes the most innovative products of the past year that have a multidisciplinary application in minimally-invasive surgery. Innovations of the Year are announced in September at the SLS Annual Meeting and Endo Expo. Products are selected for informational purposes only. SLS does not endorse or approve any products. Surgeons should investigate any new equipment for safety and suitability for their particular practice and needs.

The Society of Laparoendoscopic Surgeons (SLS) was established as an educational, non-profit organization to help ensure the highest standards for the practice of laparoscopic, endoscopic and minimally-invasive surgery. The SLS serves surgeons from various specialties and other health professionals who are interested in advancing their expertise in the diagnostic and therapeutic uses of laparoendoscopic and minimally-invasive surgical techniques. With an international membership of more than 6,000 surgeons, the organization offers a unique approach to the study and education of minimally-invasive surgery by bringing together different medical specialties that use the techniques and tools of minimally-invasive surgery.

About Plasma Surgical

Founded in 2000, Plasma Surgical is a global company committed to advancing surgical technology that enhances the care and safety of patients during medical procedures. The company's most noteworthy, revolutionary advancement is the development of a clinical application in plasma surgery where pure plasma is used to cut and coagulate tissue with the PlasmaJet.

Plasma Surgical's executive team consists of highly-experienced professionals with proven backgrounds in the medical device industry, particularly in surgical equipment technology. The company's corporate headquarters and system manufacturing sites are located in England. Sales and operations are located in the United States, with additional sales offices located in France. Research and development and surgical handpiece manufacturing efforts are based in Sweden. For more information, visit www.plasmasurgical.com.

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