LIVSMED

For Immediate Release

LivsMed to Introduce World's First 90° Articulating Vessel Sealer at Gastrointestinal and Endoscopic Surgeon Conference

New System Provides Precise, Perpendicular Vessel Sealing and Cutting

San Diego, CA – LivsMed, a leader in minimally invasive surgical devices, will unveil its **ArtiSeal™ Vessel Sealing System** at this year's Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) conference, beginning March 12th in Long Beach, California.

ArtiSeal provides the right angle of access to allow for true perpendicular tissue and vessel sealing

According to Dr. Jung Joo Lee, LivsMed Inc founder and CEO, "ArtiSeal—as the world's first 90° double-jointed articulating vessel sealer—will give surgeons unprecedented access to targeted vessels and tissue bundles and the ability to achieve a true perpendicular seal." Pre-existing studies show that perpendicular seals on tissue bundles may provide a higher burst pressure compared to angled seals created by existing straight vessel sealers.

Indicated for minimally invasive or open general surgical procedures, ArtiSeal can be used on arteries and tissue bundles up to and including those 7mm in size.

Lee further stated, "The launch of ArtiSeal is another example of LivsMed's commitment on delivering disruptive technologies to a market that has lacked major laparoscopic surgical advances in recent years."

Demonstrations of the new system will take place during exhibit hall hours at LivsMed's SAGES Booth #752.

Multiple Features Combine to Allow Perpendicular Sealing

As with all LivsMed surgical instruments, ArtiSeal features 90° articulation of the instrument's end effector. The end effector moves in perfect synchronization with the surgeon's natural wrist and hand movements as conveyed through the device's ergonomic grip. This articulation, the instrument's double-jointed jaw, locking mechanism, and RF energy combine to provide the desired perpendicular seal.

ArtiSeal uses an advanced bipolar design which has proven to be a safe and effective modality of sealing vessels and tissue bundles. The energy is delivered between the jaws of the instrument with minimal thermal spread on targeted tissue. This allows for precise and safe sealing in difficult to reach tissue. The System includes a dedicated Radio Frequency generator which is software upgradable, allowing for ongoing built-in safety features.

Using advanced bipolar energy, the ArtiSeal System includes its own dedicated RF generator

The Latest Addition to a Comprehensive Product Line

The ArtiSeal™ Vessel Sealing System is the latest addition to the LivsMed family of products which includes the highly regarded ArtiSential™ instrument line of single-use laparoscopic instruments. ArtiSential offers the precision of Robotic surgical platforms without the high cost. Its double-jointed end effectors allow various angles of approach with a full range of motion, even in difficult-to-reach spaces. This increased access to a variety of anatomical structures overcomes the limitations of straight stick instruments. Additionally, it provides tactile feedback, allowing surgeons to apply the right pressure to delicate tissue.

For further information visit LivsMed's SAGES Booth #752 or visit www.livsmed.us. To arrange a trial at your facility, email infoUSA@livsmed.com

About LivsMed

LivsMed Inc., founded in South Korea, is the creation of Dr. Jung Joo Lee, who envisioned a new paradigm of laparoscopic surgery where articulating technology is available to every surgeon. LivsMed's ArtiSential™ line was introduced to the Korean market in 2018 and to the US in 2019. Upon entering the US market, ArtiSential was immediately met with excitement from surgeons, receiving the Red Dot Design Award and recognition from the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Working with physicians worldwide, LivsMed focuses on revolutionizing minimally invasive surgery, advancing patient outcomes and extending life for patients.