

Genesis MedTech to launch novel Laparoscopic technology in China and Singapore

28 April 2021 | News

New technology allows surgeons to perform more minimally invasive surgery over open surgery in complicated procedures reducing risks to patients and supporting faster recovery time



Genesis MedTech has entered a strategic distribution agreement with LivsMed, a medical device company that brings ground-breaking technology to minimally invasive surgery, for the sales and distribution of the ArtiSential™ line of products for the Chinese and Singapore market.

The ArtiSential™ line is a revolutionary series of articulating laparoscopic instruments designed to provide the user with fully articulating, wristed motion during laparoscopic surgery. It is ergonomically designed with a double joint structure, providing 360 multi-degree of freedom and provides control not available with conventional laparoscopic instruments.

The device acts as an extension of the surgeon's arm into the surgical site, intuitively mimicking the movement of the user's hand, wrist and fingers, simultaneously translating motion into corresponding movements of the end-effector within the patient's body from multiple angles.

This allows for accessing narrow surgical sites and precision surgery and is particularly helpful for difficult suturing and dissection cases in tight spaces under complicated tissue structures, especially those around important vessels and organs.

Jung Jee Lee, Founder and CEO of LivsMed, Inc. "ArtiSential® instruments mimic the dexterity of the human hand and wrist making difficult surgery possible without open surgery and we are excited to partner with Genesis in bringing this new technology to as many surgeons and patients as possible in China."

ArtiSential™ devices can be immediately incorporated into any surgical setting without the need for additional capital equipment or a large footprint in the operating room. It has more than 150 working end-effectors with three different lengths, which can be used for surgical operations in different professional fields such as general surgery, thoracic, urology, or gynaecology.

Genesis is currently clearing NMPA (National Medical Products Administration) registration.