FlexDex SURGICAL®

FlexDex

THE SURGICAL DEVICE THAT MOVES LIKE YOU!

FlexDex provides the functionality of robots at the cost of traditional hand-held laparoscopic instruments. We've disrupted the paradigm where surgeons and hospitals had to choose between high cost/high function and low cost/low function. Our mission is to democratize minimally invasive surgery and expand its use around the U.S. and the world.

"FlexDex, a mechanical arm developed by a team at University of Michigan, could bring precision surgical procedures to hospitals that can't afford expensive surgery robots."

healthcare partner GmbH

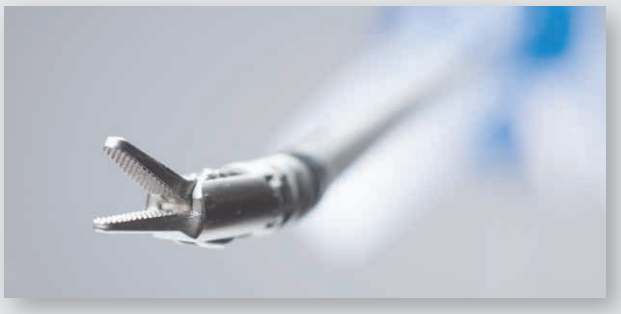
Why FlexDex

Traditional Laparoscopy

The benefits of lapaoscopy when compared to open surgery have been well established and include faster recovery, shorter length of stay, and less post-op pain. Despite these benefits, complexintracoporial suturing remains a challenge for many surgeons and has been a major contributor to the growth of robotic surgery.

Robotic Surgery

Robotic surgery offers high dexterity allowing surgeons to perform complex intracoporial suturing with greater ease and precision. However, data supporting its clinical benefit is lacking when comparedto laparoscopy, nonetheless, it requires use of a multi-million dollar platform with high on-going costs, a dedicated support team and imposes limits on O.R. productivity.



How it Works

FlexDex has a three-axis gimbal that attaches to a surgeon's wrist. Once attached, it leverages a series of mechanical components to translate the movement of the surgeon's hand to the tip of the instrument.

James Geiger, MD

Imagine a world in which laparoscopic tools gave you articulation AND intuitive control.

hcp-austria, Traunstraße 46, A-5026 Salzburg
Tel.: +43 (0)662/62 12 43, Fax: DW -11
office@hcp-austria.com, www.hcp-austria.com

healthcarepartner GmbH