**Robotic Surgeries Might Soon Replace Laparoscopic Surgeries**

Robotic surgery is being touted as a superior alternative to laparoscopic surgery. For many years, laparoscopic surgery has been the preferred treatment for colonel, rectal, urinal and various other abdominal disorders. However, laparoscopic procedures have their limitations and both doctors and patients are now seeking superior treatment options. Can robotic surgery be the answer we are looking for? Well, robotic surgery is reportedly showing greater results in treating conditions such as renal cell carcinoma, colon cancer, and rectal prolapse. Besides, robotic is gaining traction in various other verticals of healthcare due to its substantial benefits. Robotic platform allows a more efficient surgery as compared to laparoscopy, doctors are able to perform more complex procedures, which were almost impossible previously. Robotic techniques offer minimally-invasive surgery, which means smaller incisions, less pain, faster recovery, less pain medication and a quicker return to normalcy. Moreover, some of the latest robotic technology are capable of precisely emulate surgeon’s movements gesture as well as offer assistance is operating areas that are extremely sensitive.

Meanwhile, advancements are also being made in laparoscopy technology, which is now reaching a mature stage. It is anticipated that 3D laparoscopy technology will have greater applicability in the forthcoming years. Transparency Market Research (TMR) in its recent study finds that increasing demand for more precise and efficient diagnostic tools is set to reflect favorably on the demand for 3D laparoscopy across the globe. On the flipside, factors such as low awareness and poor image quality of 3D laparoscopy continues to be major issues hampering its adoption. Potential application area of 3D laparoscopy include general surgery, colorectal surgery, gynecological surgery, bariatric surgery, and urological surgery.

A wide-range of 3D laparoscopy product have been introduced by manufacturers of pharmaceutical devices, some of which include accessories, trocars, direct energy devices, hand instruments, laparoscopes, insufflation devices and closure devices among others. Among these, direct energy devices has gained a significant momentum as they are allow minimally invasive surgical procedures and are integrated with robot-assisted laparoscopic technology. North America currently leads the global market for 3D laparoscopy. In 2016, the region commanded for the revenue share of the global market. This is primarily due to growing demand for multifunctional devices and availability of latest 3D laparoscopy. Moreover increasing patient preference for minimally invasive surgical procedures that are much more convenient and comfortable as compared to conventional treatments. Also, the market for 3D laparoscopy is expected to exhibit a healthy growth the Asia-Pacific region over the next couple of years. This, in turn, is leading to higher investments in the region as more number of companies shift their focus towards the region. Pridex, Cook Group Incorporated, Stryker Corporation, KARL STORZ GmbH & Co. KG, Boston Scientific Corporation, Fujifilm Holdings Corporation, Olympus Corporation, and Intuitive Surgical Inc. are some top companies operating in the global market for 3D laparoscopy.

For More Information and Reference: <https://www.transparencymarketresearch.com/3d-laparoscopy-market.html>

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An investigative approach to everything landed Ganesh on his journey to seek finer details in every domain. Thus, his through research skills and an analytical mind have proven to be a valuable asset to his writings. Ganesh covers a wide range of topics and offers expert opinions to his readers to help them make well-informed decisions. His career is the perfect confluence of his education and interest, which makes him a thorough professional.