

Robotic Surgery – Large Potential Market

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Robotic surgery is set to become the new standard in surgical procedures worldwide. The rapidly increasing adoption of surgical robots is due to the benefits provided to both surgeons and patients. Robotic surgery has significantly simplified many of the complex procedures. For patients, the benefits include less pain, less blood loss and quick recovery times. The US market is leading in robotic applications, with the global market a few years behind in the adoption cycle.

Da Vinci surgical system is the most widely accepted robotic surgery system worldwide. The five major applications of da Vinci procedures include prostatectomy, hysterectomy, mitral valve repair, coronary revascularization and gastric bypass. Out of these, prostatectomy is the most widely performed da Vinci procedure while hysterectomy is the fastest growing da Vinci procedure.

Technological advancements in robotic surgery include telerobotic procedures, where surgeon's commands are relayed to a surgical robot thousand of miles away. Experiments are also going on to evaluate the benefits of robotic surgery on air and space flights.

The report is aimed at providing a basic understanding of the robotic surgery market. It analyzes the market opportunities in various segments like prostatectomy and hysterectomy. The report also profiles the major companies, with a discussion of their key business strategies. It also analyzes the major technological developments in the robotic surgery market.

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