

Excerpt from a paper in the Annals of the Royal College of Surgeons of England:

An effective adaptation for suction in robotic and laparoscopic pelvic surgery

[L Kumar](#),¹ [A Mehta](#),² and [A Gudgeon](#)¹

“Minimal access surgery has become the preferred approach for rectal cancer surgery. Laparoscopic and, more recently, robotic anterior resection has gained popularity due to proven short- and long-term benefits. However, technical compromise and limitations have been reported in a number of studies, owing to the rigidity of instruments when operating deep in the confined space of the pelvis.¹ The rigid laparoscopic suction device is one such instrument. The lack of flexibility can make it difficult or impossible to achieve precise and effective suction during complex procedures.”

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6111906/>