A video presentation of robotic-assisted sacrocervicopexy

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Advantages of minimally invasive surgery (robotics & laparoscopy)

- Reduced length of hospitalization
- Reduced postoperative pain
- Reduced blood loss
- Faster return to normal activities
- Better cosmetic result, quicker post-operative recovery
- Including excellent intraoperative visualisation of the pelvic anatomy
- Reduced adhesion formation

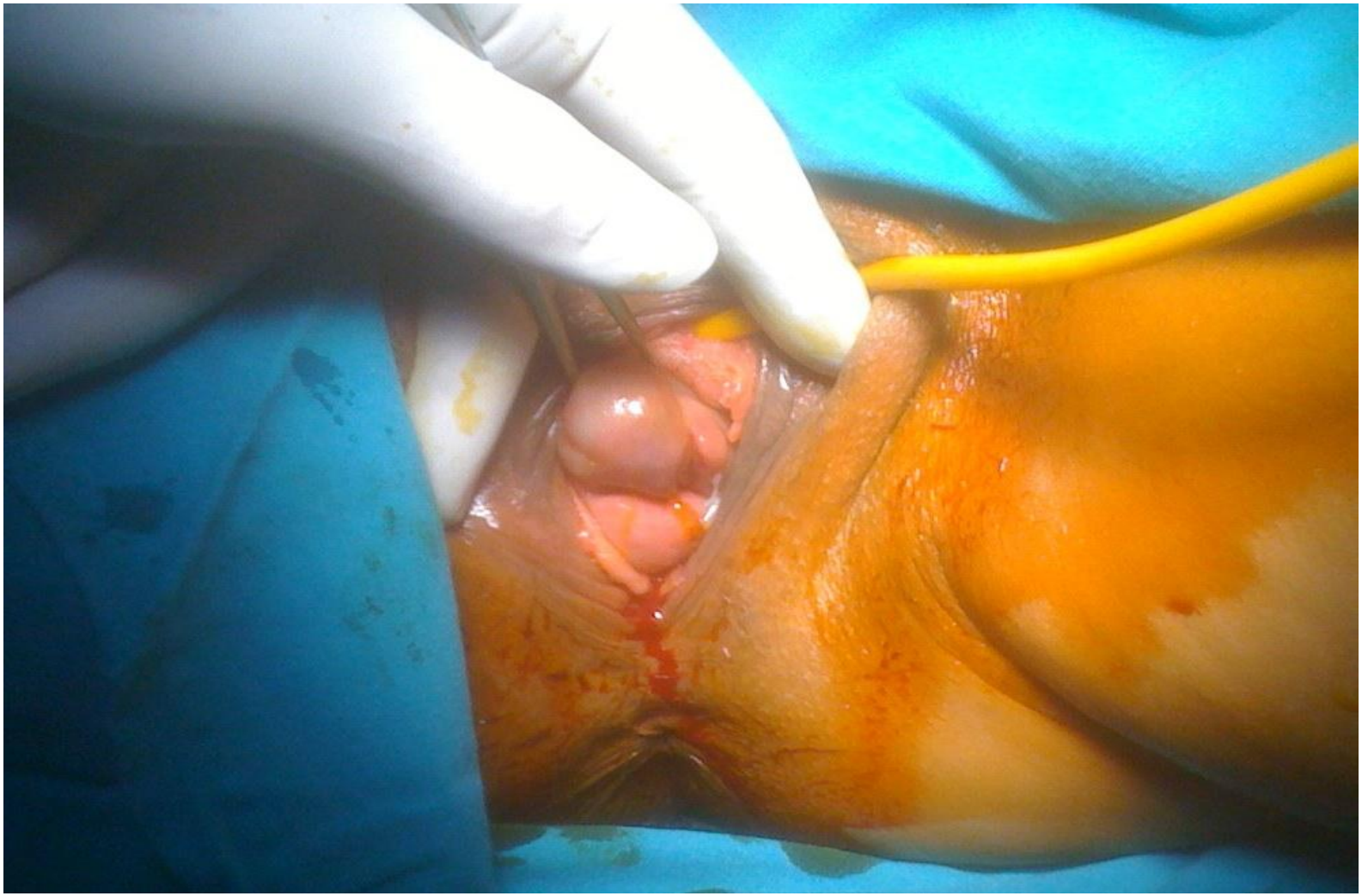
Disadvantages of laparoscopy

- Learning curve need for surgeons to take special training in performing the many operations)
- Surgeons to be highly skilled in both prolapse surgery and advanced laparoscopic techniques (For instance skill and experience of the surgeon for suturing)
- Inability to perform complex surgical procedures (in some circumstances such as endometriosis or dense adhesions in the abdomen)
- Working on a two-dimensional flat video display
- An unstable camera platform
- Limited degrees of instrument motion within the body
- Ergonomic difficulty

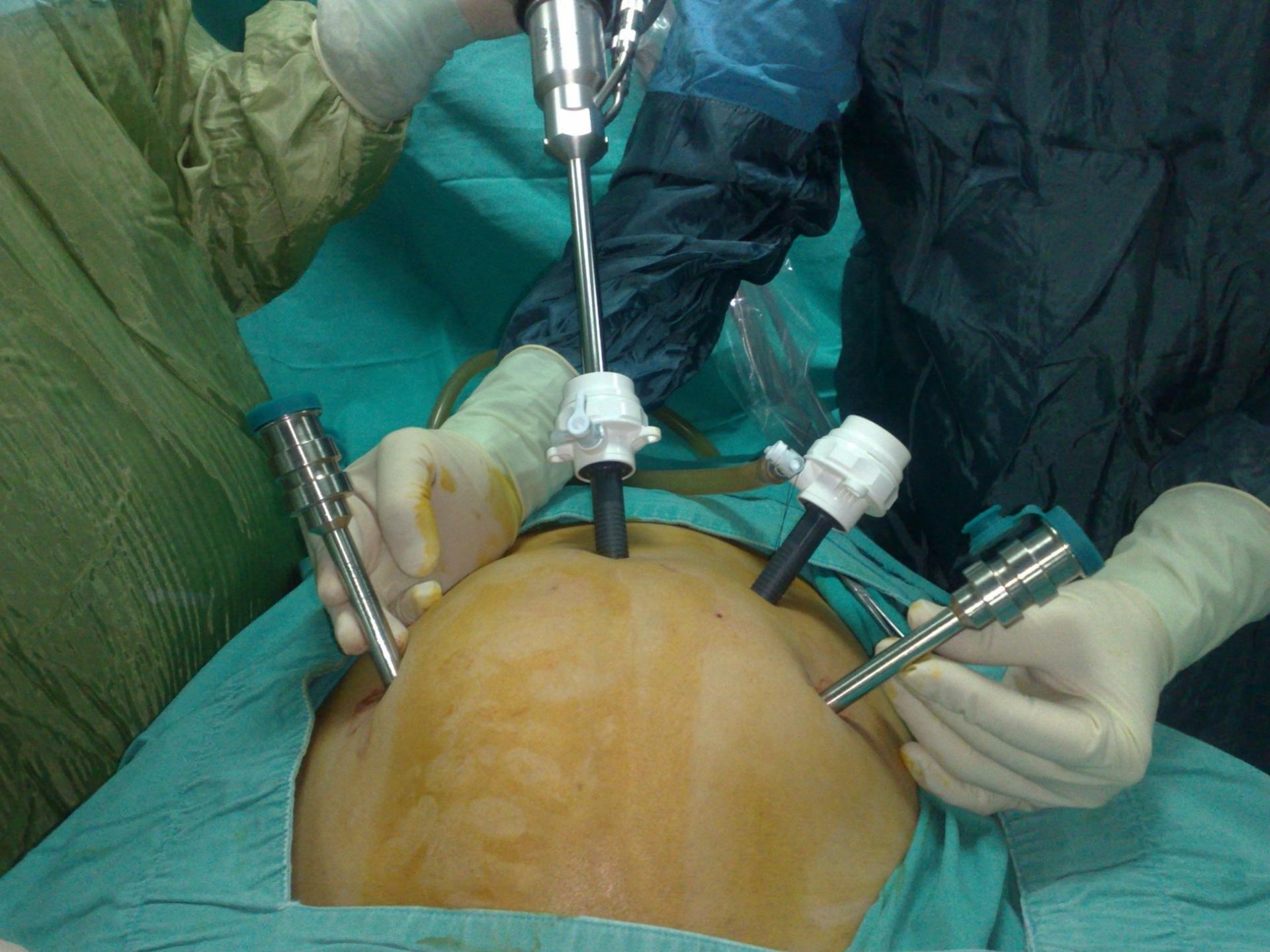
Table 2. Advantages and disadvantages of robotic surgery

Advantage	Disadvantage
Surgical system advantages	High costs
Better InSIte® vision (3D)	Robotic system
Digital camera zoom	Maintenance system
Camera stability	Start up
Greater *df* (Endowrist®)	Bulky size of the robotic system
Improved dexterity	Sometimes difficult access to patient
Elimination of fulcrum effect	Separation surgeon from the operating field
Better ergonomics for surgeon	No tactile feedback
Motion scaling	Chance of breakdown
Elimination of physiological hand tremor	Use of 8 mm ports
Telesurgery possible	Monopoly of single market leader
Telementoring possible	

HWR Schreuder Robotic surgery
BJOG 2009



- ***Step 1***. *Patient positioning and placement of the ports.*
- ***Step 2***. *Docking of the robot.*
- ***Step 3***. *Intracorporal dissections.*
- ***Step 4***. *Placement of the mesh.*
- ***Step 5.*** *Closure of peritoneum over mesh and reconstruction of the pelvic floor.*
- ***Step 6.*** *Disengagement of the robot and removal of ports.*



Docking of the robot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1
4:3