

SINGLE ACCESS LAPAROSCOPIC COLOSTOMY

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Figure 1



Figure 2

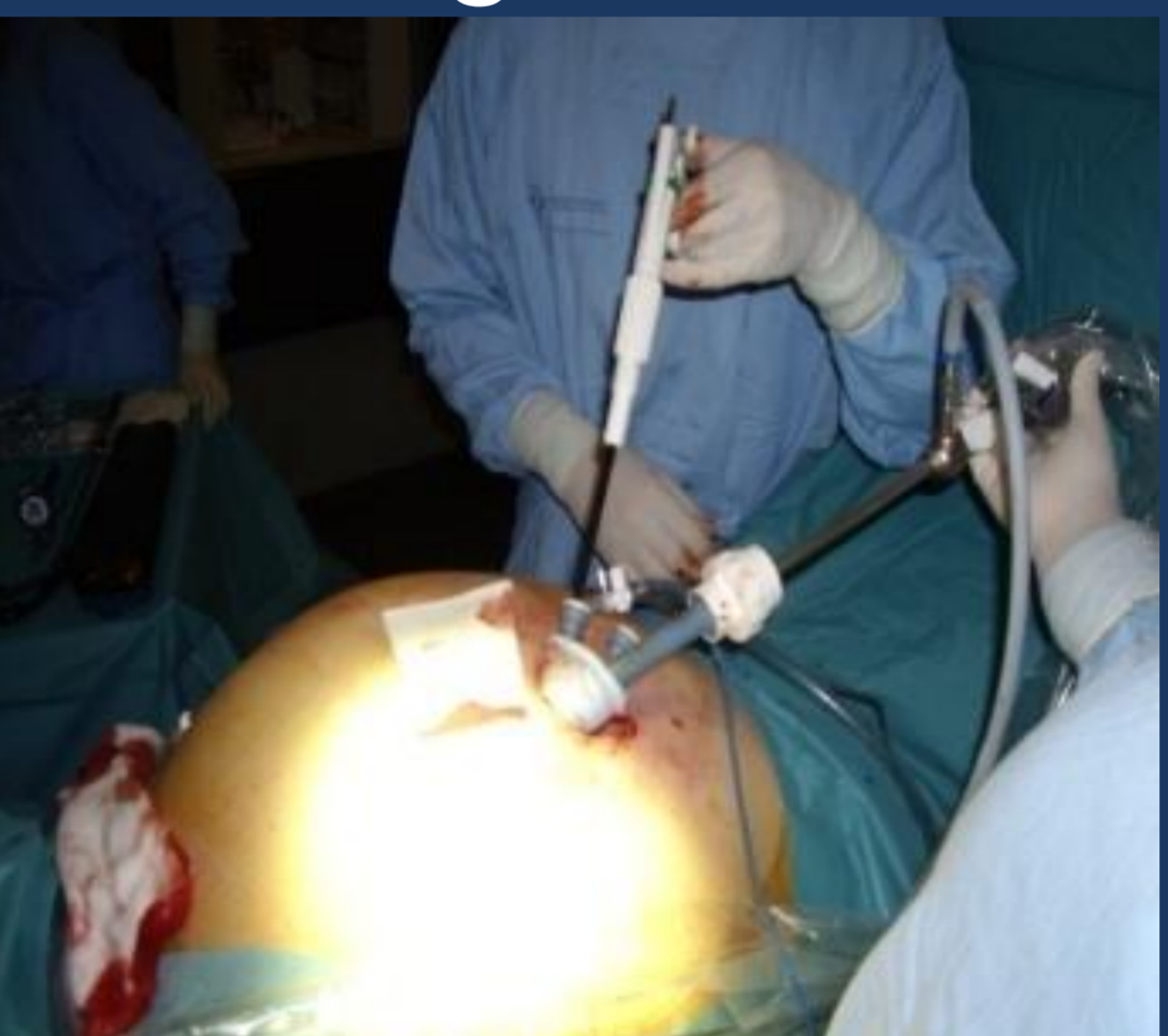


Figure 3



Figure 4



Figure 5

Background:

Single-incision laparoscopic colorectal surgery allow that operations could be performed either through the umbilicus. Is it feasible in ostomy site?.

Objectives:

A short technique description and outcomes of a derivative colostomy carried out with this approach.

Methods:

Six patients well matched for sex, age, indication: derivative colostomy, were selected for Single Incision Laparoscopic Colostomy one 25mm port (SILS™ Port Multiple Instrument Access Port, Covidien Inc) The abdominal incision was performed in selected site depending on the circumstances. An articulated dissector, a straight grasper and a 30° optic of 10mm were employed in all cases (Figure 1-5).

Particular Indications:

- Rectal cancer (T4) with obstruction (2)
- Fistula between urethra and rectum (2)
- Squamous cell carcinoma of the sacrum
- Neurogenic bowel in T5-T6 paraplegic patient

RESULTADOS

Six males patients, mean age 54 years were operated. Mean operative time was of 30 minutes. No complications was registered intra o postoperatively. Oral tolerance and early function of the stomata was noticed in all cases.

CONCLUSIONS

Our initial experience support the single-incision approach in the practice a derivative colostomy in selected patients.