

JOINT EVENT

12<sup>th</sup> Global Gastroenterologists Meeting  
&3<sup>rd</sup> International Conference on Metabolic and Bariatric Surgery

March 15-16, 2018 Barcelona, Spain

**Transvaginal specimen extraction for colorectal cancer surgery; hybrid laparoscopic approach****Silvestrov Maksym**

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Natural orifice transluminal endoscopic surgery (NOTES) is surgical technique whereby "scarless" abdominal operations can be performed with an endoscope passed through a natural orifice (mouth, urethra, anus etc.). Laparoscopy can minimize external incision and scars but can't avoid damage of abdominal wall for specimen extraction. Since 2015 we perform hybrid technique for women, when after laparoscopic colon or upper rectal cancer resection specimen had extracted through vaginal fornix.

**Methodology:** From October 2015 to October 2017 we performed 10 laparoscopic resections with transvaginal specimen extraction for women with colorectal cancer: 7 - for sigmoid cancer and 3 - for rectal cancer (all rectal with standard TME (Total mesorectal excision)). All patients were cured with standard cancer treatments protocols.

**Results:** The average hospital stay was 4.2 days (range 3 to 5). We had no any wound complication or local recurrence in vaginal fornix. We don't use opioid analgesics in postoperative period. All resection was R0.

**Conclusions:** Use of hybrid technique can avoid abdominal wall damage and result fast recovery with good cosmetics. It seems safe but late oncological outcomes needs to be investigated.

**Biography**

Silvestrov Maksym has completed National Medical University in Kyiv in 2004. He has completed specialization in General Surgery in 2006; specialization in Surgical Oncology. 2009. He was a Surgeon at Zina Memorial Lissod Cancer Hospital from the period 2009-2014. He is the Head of Surgical Department, Innovacia Cancer Centre and Spizhenko Cancer Center, Kyiv, Ukraine. He has published documents in laparoscopic treatments for general surgery and oncological surgery procedures. He has participated in many national and international congresses.

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