

# GLOBAL PHARMA SUMMIT

&

2<sup>nd</sup> International Conference on

# GASTROENTEROLOGY AND HEPATOLOGY

November 23 - 24, 2018 | Bangkok, Thailand

Asian J Biomed Pharmaceut Sci 2018, Volume 8 | DOI: 10.4066/2249-622X-C5-015

## INTRACORPOREAL VERSUS EXTRACORPOREAL ANASTOMOSIS IN LAPAROSCOPIC RIGHT COLECTOMY: OUR EXPERIENCE

**Pellegrino Domenico Massimo, Inviati Angela, D'Avolio Michele, Palma Antonio, Maltese Stefania, Mascolino Alice and Schifano Domenico**

Ospedale San Vito e Santo Spirito, Italy

**Background:** Comparison between short and long-term outcomes of intracorporeal anastomosis (IA) versus extracorporeal anastomosis (EA) in laparoscopic right colectomy (LRC)

**Patients and Methods:** From January 2016 to February 2018, thirty-five patients who underwent LRC with IA matched with 33 patients who underwent LRC with EA. Intraoperative complication, short-terms outcomes, morbidity and mortality rates were analyzed.

**Results:** No differences were intraoperative outcomes (operative time, blood loss, length of incision, conversion rate, lymph nodes harvested and intraoperative complications). Postoperative short outcomes: anastomotic leak occurred in 4.7% of patients in the IA group versus 7.8% in the EA group ( $P= 0.71$ ). The time to first flatus and defecation was similar. No differences were observed with respect to the length of stay and reoperative rate. The long-terms outcomes (incisional hernia, mortality, wound infection) were similar.

**Conclusion:** our study shows that there is no difference in the short and long outcomes in IA and EA group. The rate of anastomotic leak, although higher in the IA group than in the EA group, is not statistically significant.