



14th Global Obesity Meeting

October 23-24, 2017 Dubai, UAE

Hyoscine butylbromide: A study of its use as an antispasmodic in bariatric surgery

Syed Imran Abbas
Dubai Health Authority, UAE

Background: During bariatric surgery one of the challenges is spasm of stomach and small intestine especially during measuring the exact length of small intestine.

Introduction: Pharmacological studies revealed that hyoscine butylbromide is an anticholinergic drug with high affinity for muscarinic receptors located on the smooth-muscle cells of the GI tract that cause smooth-muscle relaxation.

Objectives: This study focuses on effect of hyoscine butylbromide as an antispasmodic drug and is helpful during bariatric surgery to relax the tonicity of stomach and small intestine.

Methods: We started use of hyoscine butylbromide since March 2016 and applied for 20 patients randomly and compare with control group. Our comparative factors were number of staplers, number of endoclips for hemostasis, time of surgery. Dose of hyoscine 40 mg in 100 cc N/S for 10 minutes before stapling till 30 minutes.

Results: From 20 patients under study average BMI 43.3, female 13, male 7, average age 34, sleeve 7, MGB 10, RNYGBP 3,

Notes: