P-122
ANATOMICAL SEGMENTECTOMY WITH VIDEO-ASSISTED THORACOSCOPIC SURGERY AND ROBOTICS. DOES IT MATTER?
Suat Erus1, S. Kaya1, K. Ayalp2, B. Ozkan1, E. Kaba1, A. Toker1
1Thoracic Surgery, Istanbul University, Istanbul School of Medicine, Istanbul, Turkey; 2General Surgery, Group Florance Nightingale Istanbul Hospital, Istanbul, Turkey

Objectives: Minimally invasive lung resections especially segmentectomy is becoming a more employed procedure everyday. We evaluated our perioperative database of complete minimally invasive segmentectomies to compare the two different minimally invasive techniques.

Methods: The data of 30 patients (Group A: 20 patients with VATS and Group B: 10 patients with robotics) were analyzed and compared. All chest tubes were removed during hospital stay.

Results: Results have demonstrated statistically almost equal results in terms of age, pulmonary function tests, rate of malignancy, length of chest tube drainage and hospital stay. Although not significant, length of chest tube duration/hospital stay is 3.4/6.2 days in Group A and 2.5/3.8 days in Group B.

Conclusions: Yet, robotic surgery has equal results with VATS in segmentectomy operations. However, length of chest tube, duration time and length of hospital stay are promising with robotic surgery.

Disclosure: All authors have declared no conflicts of interest.