

ABSTRACT

Background:

The objective of this study is to compare the outcome of lichtenstein's repair vs. Desarda's repair for inguinal repair

Methods:

This study is randomized Prospective control trial Period of 6 months from FEB2017 to SEP2017 of 50 patients Having primary inguinal hernia were operated in our hospital. 25 patients were operated using lichtenstein's Mesh repair and 25 patients using Desarda's repair. The variables like Age, Sex, type of surgery, pain on 1st, 3rd, 5th post-operative day complications, time to return to normal activities, cost effectiveness, recurrence were analysed.

Results:

There were no significant difference regarding Age, Sex, Location of hernia. Pain (mild to moderate), patients hospitalized for lesser time in Desarda's group. No recurrence, Return to normal nonstrenuous Activity After 7-15 days in Desarda group was 84 % while only 48% of patient in lichtenstein repair.

Conclusion:

The Lichtenstein repair and Desarda procedures of primary inguinal hernia repair do not differ in the means of procedure, complexity local complications and pain intensity is higher in Lichtenstein repair compared to Desarda's repair, no recurrence of hernia, cost effective, hospital stay is low for Desarda's repair.

Key words:

Inguinal Hernia, Lichtenstein, Desarda, Mesh