PROSTHESIS REPAIR VERSUS BIOLOGICAL TISSUE REPAIR FOR PRIMARY INGUINAL HERNIA TREATMENT

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Abstract:

BACKGROUND As per various Hernia societies, the tissue repair for Hernia stands old and gold standard till now. The various tissue repairs we routinely practice are Shouldice technique, modified Bassini’s procedure [2] and recent years Desarda’s technique in our study conducted between 2017-18. Randomised clinical trial for prosthesis repair, Lichtenstein Hernioplasty versus tissue based repair Desarda’s procedure were selected. [3] MATERIALS AND METHODS A total of 102 male patients were randomly assigned to Desarda’s and Lichtenstein repair. Out of this, 51 patients underwent Desarda’s and 51 patients underwent Lichtenstein procedure. The variable factors considered under this study were postoperative seroma at wound site, post-operative pain, duration of surgery and post-operative recovery to daily routine activity on 7, 14 and 30 post-operative day and recurrence. RESULTS During the study, the time consumed for performing both procedures were equal. Post-operative seroma developed in 2 patients who underwent mesh repair, post-operative pain in 3 patients of Desarda’s and 5 patients of mesh repair. Post-operative recovery was good in both the study groups and no recurrence was found during study period in both the groups. CONCLUSION As per study of comparison between mesh repair and tissue repair during study period of one year, the cost of mesh was negligible in Desarda’s procedure and Desarda’s procedure needs technical experience and gives good outcome when compared to Lichtenstein repair. [4] KEY WORDS Desarda’s Procedure, Lichtenstein Repair Seroma, Post-Operative Pain.

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