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PROSTHESIS REPAIR VERSUS BIOLOGICAL TISSUE REPAIR FOR PRIMARY INGUINAL HERNIA TREATMENT

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Date: Oct. 15, 2018

From: Journal of Evolution of Medical and Dental Sciences(Vol. 7, Issue 42)

Publisher: Akshantala Enterprises Private Limited

Document Type: Report

Length: 2,995 words

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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Source Citation

Poongavanam, Anbalagan, et al. "PROSTHESIS REPAIR VERSUS BIOLOGICAL TISSUE REPAIR FOR PRIMARY INGUINAL HERNIA TREATMENT." *Journal of Evolution of Medical and Dental Sciences*, vol. 7, no. 42, 2018, p. 5297+. *Gale OneFile: Health and Medicine*, Accessed 24 Jan. 2020.

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Gale Document Number: GALE|A562138728