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Original Article

Comparative Study of No Mesh (Desarda) Technique Versus Mesh (Lichtenstein) Technique of Inguinal Hernia Repair

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Abstract

Context: Inguinal hernia repair is the most commonly performed operations. In the early 1980s, Lichtenstein popularized the tension free repair, supplanting tissue-based repairs with the widespread acceptance of prosthetic materials for posterior wall

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of inguinal canal. No surgeon has ideal results, and complications remain. This study was taken as the Desarda's technique recently gaining popularity as physiological repair not using the mesh and Desarda's technique short term outcomes not much evaluated in comparison with Lichtenstein' repair in this region. Aims: To compare the short term outcomes and recurrence rate between Lichtenstein's and Desarda's technique in the following ways: Source of data: Narayana Medical College and Hospital Nellore, during 2 years from October 2014 to October 2016. Research design: A prospective experimental study. Sampling procedure: Simple random sampling technique. Sample size: A total of 60 patients were studied, 30 of these undergoing Desarda's hernia repair and 30 undergoing Lichtenstein mesh repair. Conclusions: Desarda's technique and Lichtenstein's technique both are have similar rates of wound infection and post operative pain. Desarda's technique was easy to do, has no recurrence in short term follow up period, lower operative time, less chances of post operative morbidities, lower cost, less incidence of seroma.

Keywords: Hernia; Desarda's technique; Lichtenstein's technique.

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