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**COME BACK OF PURE TISSUE REPAIR
ON NEW PRINCIPLES - "DESARDA REPAIR" -
A GLOBAL REVIEW**

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**ORIGINAL
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Introduction: Mesh repair is widely used in spite of its foreign body complications. It gives a rigid and a non-dynamic wall to protect from the recurrences. A tension free, elastic and stretchable support which is physiologically dynamic will give better protection for a longer period than a rigid and a non-dynamic posterior wall. The author's technique gives such a natural posterior wall that is tension free, strong, elastic

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as well as physiologically dynamic and very much similar to what is present in the normal individuals.

Methods: After excision of the hernia sac, a strip of the external oblique aponeurosis (EOA) is partially separated from its medial leaf, keeping its continuity intact at either end. This undetached strip of EOA is sutured to the inguinal ligament below and the arch of muscle above, behind the cord, to form a new posterior wall. This strip is put under tension by muscular contraction and works as a shield to prevent recurrence. External oblique muscle gives additional strength to the weakened internal oblique and transverse abdominis muscles to keep this strip physiologically dynamic. A total of 11170 inguinal hernias were repaired worldwide till this date by this technique. The data could be collected only from those surgeons who have kept communication with the author. There may be many other surgeons using this technique but are not in contact with the author.

Results: The author has operated on a total of 2440 patients from 1983 to 2014 out of which study of 1776 patients is already published. Author collected data from all other surgeons from different countries using this technique in their practice from 2001 to 2014. They have operated on 8730 patients out of which data of 4957 patients is already published. Data of total surgeries, recurrences and complications seen globally were analysed. Out of total 11170 patients, recurrence was seen in 30 (0.2%) patients and complications in 199 (1.8%) patients.

Conclusion: These results are comparable with the results seen in other studies published about open or laparoscopic mesh repairs or other pure tissue repairs. This operation is tension free, simple to perform, does not require mesh or complicated dissection or any costly equipment and has produced excellent results. Therefore it is a good alternative to mesh or other open or laparoscopic repairs.