**Comparison of injection sclerotherapy versus rubber band**

**ligation for first and second degree haemorrhoids**

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**ABSTRACT**

This randomized controlled trial is done to compare post operative bleeding, secondary hemorrhage, and post operative pain after rubber band ligation versus injection sclerotherapy in patients of first and second degree hemorrhoids, at Department of General Surgery Nishtar Hospital, Multan from 1st January 2017 to 1st December 2017. Among a total of 90 patients, 45 were treated with injection sclerotherapy and other 45 with rubber band ligation. On proctoscopic examination, 30% patients had 1st degree haemorrhoids while 70% patients had 2nd degree haemorrhoids.Postoperative pain was present in 35.6% patients in group A (injection sclerotherapy) and was complained of by 48.9% patients in group B (Rubber Band Ligation). Complained of per-rectal bleeding in the first 24 hours after sclerotherapy procedure was noted in 22.2% patients in group A, while in group B, it was noted as 53.3%.

**Conclusion**: Injection sclerotherapy is effective mode of treatment with fewer complications for the treatment of 1st and 2nd degree haemorrhoids as compare to rubber band ligation.

## Keywords: Haemorrhoids, Sclerotherapy, Rubber band ligation, Complications, Pain, Bleeding.

**How to Cite This:**

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