



A comparative study of open (Milligan-Morgan) versus closed (Ferguson) haemorrhoidectomy with and without internal sphincterotomy

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Abstract

Background: Normal anal canal contains cushion of submucosa with vascular tissues. When cushions become abnormal, cause symptoms. This clinical condition is known as Haemorrhoids. Haemorrhoidectomy is surgery for Haemorrhoids, which can be performed by Milligan-Morgan (open technique) or Ferguson (close technique) methods. This study is conducted to compare different surgical modalities of treatment for Haemorrhoids.

Result: 136 patients were suffering from Haemorrhoids with fissures. Of these 84 patients were operated by open technique and 52 patients by close technique. In all 136 patients, internal sphincterotomy was performed. Remaining 96 patients were suffering from only haemorrhoids. Of these 30 patients were treated by open technique with I.S., 30 patients were treated by close technique only. 25 patients were treated by close technique with I.S. and 10 patients were treated by close technique without I.S. Close group and open group with I.S. experienced less pain compared to without I.S. in both groups. Per operative haemorrhage and hospital stay in close group was less. Operative time in open group was less compared to close group.

Conclusion: Ferguson procedure is found to cause less postoperative discomfort. Addition of Internal Sphincterotomy is having a positive effect in reducing post-operative time.

Biography

Rita Singh have done her MBBS and MS General Surgery from GSVM Kanpur, Uttar Pradesh, India. She have worked in ESI Hospital Kanpur, India as a surgeon and joined BHEL General Hospital in Hyderabad, India as a surgeon in (1992-2014). She is currently working at MNR Medical College as assistant professor.

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