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# LONG TERM SURGICAL AND FUNCTIONAL OUTCOMES OF LAPAROSCOPIC RECTOPEXY FOR RECTAL PROLAPSE

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INTRODUCTION : RECTAL PROLAPSE MANAGEMENT INCLUDES PERINEAL AND ABDOMINAL APPROACHES , EACH OF WHICH HAS VARIOUS SUBTECHNIQUES . ABDOMINAL APPROACHES ARE PREFERRED BECAUSE OF FAMILARITY IN ANATOMY. WE PRESENT OUR EXPERIENCE WITH LAPAROSCOPIC RECTOPEXY AND ITS FUNCTIONAL LONG TERM OUTCOMES

METHODS : REVIEW OF ALL CASES OPERATED VIA LAP RECTOPEXY IN YEARS 2008 TO 2022 WAS CONDUCTED. MEAN POSTOPERATIVE FOLLOW UP WAS FOR 3 YEARS DURATION

**Discussion :**

- ✓ **Laparoscopic rectopexy in expert hands has excellent post-operative outcomes and can be recommended as a first line surgical technique for full thickness prolapse in all age groups.**
- ✓ **Posterior rectopexy, in particular, has equivalent long term results with very low recurrence rate and few complications on such a large cohort.**

**RESULTS :** **TOTAL CASES : 122**

**M:F = 44:78** **MEAN AGE : 61 YEARS**

| Total -122 cases | Number of cases (%) | Mean Operative time (in minutes) | Hospital Stay (Days) |
|---|---|---|---|
| Suture Rectopexy | 19 (15.6%) | 53.5 minutes (44-63) | 4 -6 days |
| Ventral Mesh Rectopexy | 21 (17.2%) | 100 minutes (78-122) | 3 - 5 days |
| Posterior Mesh Rectopexy | 77 (63.1%) | 95 minutes (71- 110) | 3 - 5 days |
| Resection | 5 (4%) | 100 minutes (80-115) | 5 - 7 days |

| Total -122 (cases) | Post-operative Constipation | Recurrence (3 years mean follow up) | Post-operative Erectile dysfunction |
|---|---|---|---|
| Suture Rectopexy | None | None | 1(5.3%) |
| Ventral Mesh Rectopexy | 1 (4.7%) | None | None |
| Posterior Mesh Rectopexy | 4 (5.2%) | 1 (1.3%) | None |
| Resection | None | None | 1(20%) |