

BENEFITS OF LASER APPLICATION IN THE TREATMENT OF HAEMORRHOIDS OVER STANDARD SURGICAL TREATMENT

DR.N.MANICKAVEL, DR.R.GURU PRASAD, DR.DEEPAK KARUNYAN.V

INTRODUCTION:

Haemorrhoid is most common ailment known, Main symptoms - Bleeding, Pain – Common in Prolapsed Thrombosed Piles, Most common age group 45-65 years, Very Common in pregnant women.

AIM:

- Our study deals with 50 patients, Of which 32 Male patients & 18 Females With Gr II & Gr III Haemorrhoids
- Period of study for 5 years
- Patients were reviewed retrospectively to evaluate post-operative complications
- Overall patients satisfaction following laser therapy

METHODS:

Nd-YAG/Diode Laser

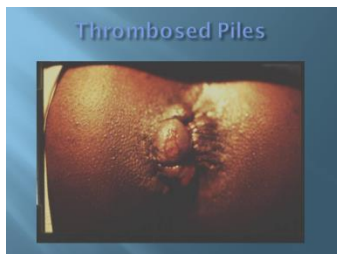
Used with setting of 10 watts on continuous wave mode.

Operated under Spinal / Caudal-Saddle Anesthesia.

For Gr I- Photocoagulations of the pedicle of the pile mass.

For Gr II & III-Interstitial Laser Application.

For Gr IV- Excision using 30 watts pulse wave setting of 0.3 seconds



RESULTS:

Laser Treated Hemorrhoidectomy Patients experienced less pain, No bleeding or Stricture formation on follow up. High Fiber diet advised to prevent Recurrence, Ten days after surgery Laser treated patients had 65% less pain, Painless defecation occurred earlier (5 days) in Laser treated patients. Post-op drainage was minimal Laser treated patients resumed work earlier, than the standard surgically treated Hemorrhoidectomy patients.

CONCLUSION:

Benefits of Nd-YAG/Diode Laser

Arrests bleeding, prolapse & pain

Post-op hospital stays is shorter with less complications