



A CASE STUDY OF KSHARSUTRA LIGATION WITH PARTIAL FISTULECTOMY IN THE MANAGEMENT OF POSTERIOR HORSE SHOE FISTULA IN ANO – BHAGANDARA

*Dr. Neha Thumar¹, Dr. Alpesh Dhandhaliya², Dr. Jagdish Mehta³, Dr. Shailesh Chovatiya⁴.

¹ Assistant Professor, Department of Shalyatantra, shri O. H. nazar ayurved college, surat

² Assistant Professor, Department of prasuti tantra and stri roga, shri O. H. nazar ayurved college, surat

³ Professor & HOD, Department of Shalyatantra, shri O. H. nazar ayurved college, surat

⁴ Professor & HOD, Department of Rachana sharir, shri O. H. nazar ayurved college, surat

ABSTRACT

Introduction: A fistula-in-ano is an epithelial-lined tract connecting the anal canal to the perianal skin. Anal fistulas can have many causes but are most commonly the result of an anorectal abscess. Classification of the fistula is determined in relation to the anal sphincters. Although benign, the condition can cause significant distress and embarrassment to the patient. Treatment focuses on control of the infection and maintaining fecal continence. So partial fistulectomy with kshar sutra ligation selected in posterior horse shoe abscess with fistula in ano

Material & Method: A 38 Years male Patient treated with Abscess I & D and Partial Fistulectomy with Kshar Sutra Ligation. Kshar sutra changed weekly, Total 5 Sitting of Kshar- sutra therapy done.

Result: After 5 Sitting of Kshar- sutra therapy remaining fistulotus tract completely cut with complete wound heal and patient was completely cured.

Discussion: fistulotomy, fistulectomy, anal fistula plug, FilaC, VAAFT, LIFT. But there is a high recurrence rate and loss of continence. Kshar sutra act like cutting seton and cut anal sphincter gradually so there is a no risk of incontinence and also act like sphincter saving procedure.

KEYWORDS: Horse Shoe Fistula, Bhagandara, Partial Fistulectomy, Kshar Sutra Ligation

INTRODUCTION

Fistula-in-ano often occurs following anorectal abscess. An anorectal abscess occurs when an anal gland becomes obstructed, resulting in infection and abscess formation. The infection is located near the sphincter complex, and therefore the fistula can traverse the sphincters. One-third of patients undergoing incision and drainage of an anorectal abscess will later develop a fistula. Thirty to 70% of patients diagnosed with an anorectal abscess will already have a fistula present on exam.²

The word Bhagandar is composed of two words, 'Bhaga' and 'Darana'. Bhaga the area between anus and the genitalia is defined as bhaga. Darana to tear or destroy. Hence, Bhagandara may be considered as a type of a chronic sinus in the perianal area or perineum which discharges pus or blood and left untreated, there may be discharge of faeces, flatus urine and semen. Or it may be secondary to the supuration of an abscess - Bhagandara pidaka' resulting in tearing or destruction of these areas³⁻⁴

Complex fistulas include those that involve more than 30% of the external sphincter, fistulas with multiple tracts, recurrent fistulas, and those associated with other predisposing factors, including Crohn disease and radiation treatment.⁵ Due to the large involvement of the external sphincter, a simple fistulotomy should not be performed due to the risk of postoperative fecal incontinence. Complex repair or staged repair is preferred to preserve sphincter function.

MATERIAL & METHOD

This is a single case study of patient with posterior Horse shoe perianal abscess with fistula in ano. A 38 years male Patient came at shri atmanand saraswati Ayurveda Hospital, surat. Patient was examine at OPD Base. On examination we diagnosed a case of posterior Horse shoe perianal abscess with fistula in ano. Next day right perianal abscess was spontaneously burst. In this case after all pre operative major profile and MRI we performed Abscess I & D with partial fistulectomy and Kshar sutra ligation.

CASE REPORT

Chief complaints:

Patient complains of severe pain at perianal region, with swelling at perianal Region, since 7 days Fever

Local examination

On Inspection

Swelling at perianal region

On Palpation

Induration At 7 o'clock position

Fluctuation sign positive

Increased Temperature at swollen area

P/R Digital examination

Int Opening at 6 o'clock position approx 2 cm from anal verge

Blood Investigation

Heamoglobin – 15.10 gm%
RBC – 5.11 mill/c.mm
Total WBC- 16600/c.mm
ESR- 150 .m.m
BT- 2.10/min
CT – 7.00/min
RBS – 85 mg/dl
S. Creat – 1.00 mg/dl
S. HIV – Negative
S.HBsAg- Negative

MRI report

- Fairly wide thick walled altered signal tract in posterior perianal region with significant internal abscess formation; probably large internal opening at 5 to 6/7 O' clock position; no obvious external opening; likely represent features of a trans-sphincteric perianal sinus.
- Multiloculated interconnected thick walled abscesses in the bilateral ischio-rectal fossa
- Significant inflammatory changes (cellulitis) in the bilateral ischio-rectal fossa and gluteal regions (right>>left) and presacral and retro-sacral regions.
- Subtle altered marrow signal in the lower coccyx may represent changes of early osteitis.
- Few left internal iliac, bilateral external iliac and bilateral inguinal lymphnodes, probably representing pathological lymph nodes.



