

# Development in the Formulation using Various Crude Drugs for Rectal and Piles Problems

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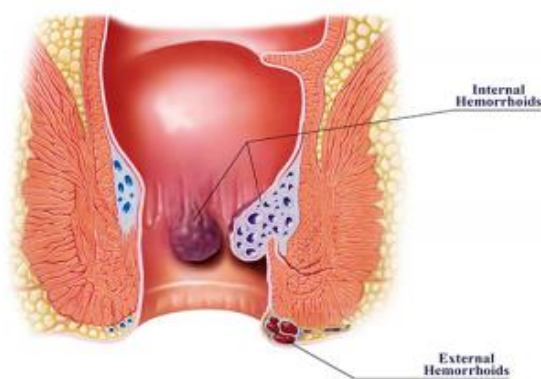
## ABSTRACT

Development in the Formulation using Various Crude Drugs for Rectal/piles Problems. Formulation includes all herbal ingredients and Development of formulation done for rectal and piles disorders and many more. Case study is done as per age of subject and effect is evaluated. Symptoms, uses and ingredients are mentioned and ingredients are filled into capsule so subject will get content uniform dose.

**Keywords :** Formulation Development, Crude Drugs, Rectal/Piles

## I. INTRODUCTION

Hemorrhoids, also called piles, are vascular structures in the anal canal. In their normal state, they are cushions that help with stool control. They become a disease when swollen or inflamed. The unqualified term "hemorrhoid" is often used to refer to the disease. The signs and symptoms of hemorrhoids depend on the type present. Internal hemorrhoids often result in painless, bright red rectal bleeding when defecating. External hemorrhoids often result in pain and swelling in the area of the anus. If bleeding occurs it is usually darker. Symptoms frequently get better after a few days. A skin tag may remain after the healing of an external hemorrhoid.



### Structure of External and Internal Hemorrhoid

While the exact cause of hemorrhoids remains unknown, a number of factors which increase pressure in the abdomen are believed to be involved. This may include constipation, diarrhea and sitting on the toilet for a long time. Hemorrhoids are also more common during pregnancy. Diagnosis is made by looking at the area. Many people incorrectly refer to any symptom occurring around the anal area as "hemorrhoids" and serious causes of the symptoms

should be ruled out. Colonoscopy or sigmoidoscopy is reasonable to confirm the diagnosis and rule out more serious causes.

Often, no specific treatment is needed initial measures consist of increasing fibre intake, drinking fluids to maintain hydration, NSAIDs to help with pain, and rest. Medicated creams may be applied to the area, but their effectiveness is poorly supported by evidence. A number of minor procedures may be performed if symptoms are severe or do not improve with conservative management. Surgery is reserved for those who fail to improve following these measures.

Approximately 50% to 66% of people have problems with hemorrhoids at some point in their lives. Males and females are both affected with about equal frequency. Hemorrhoids affect people most often between 45 and 65 years of age. It is more common among the wealthy. Outcomes are usually good. The first known mention of the disease is from a 1700 BC Egyptian papyrus

**Causes:**

The exact cause of symptomatic hemorrhoids is unknown. A number of factors are believed to play a role, including irregular bowel habits, lack of exercise, nutritional factors (low-fiber diets), increased intra-abdominal pressure (prolonged straining, an intra-abdominal mass, or pregnancy, genetics, an absence of valves within the hemorrhoidal veins, and aging. During pregnancy, pressure from the fetus on the abdomen and hormonal changes cause the hemorrhoidal vessels to enlarge. The birth of the baby also leads to increased intra-abdominal pressures. Pregnant women rarely need surgical treatment, as symptoms usually resolve after delivery

**Developed Formulation:**

| Ingridients          | Quantity |
|----------------------|----------|
| Limbodi powder       | 120mg    |
| Punarnava            | 60mg     |
| Indrajav             | 30mg     |
| Kapoor               | 10mg     |
| Rasvanti             | 50mg     |
| ArithaBhasma         | 40mg     |
| Triphala Powder      | 60mg     |
| Niranjan seed Powder | 100mg    |
| ArithaBhasma         | 30mg     |

**Suggestion regarding Formulation:**

The Most effective Formulaion Design For Rectal Problems and it is prepared from the natural source known as Crude Drugs. This ingredient can be Mixed together uniformly and to be filled into the Hard gelatin capsule.

**Suggested use:** one capsule in morning and one at night before Meal



**Uses of formulations:**

Intestinal Worms  
 Urinary Disorder  
 Kidney Disorder  
 Eye problem  
 Hairfall,Cough,asthama,Liver  
 Insomnia  
 Tuberclososis  
 It also Treat Tumor,Acidity,and Control on excessive Biles

**Symptoms:**

Rectal bleeding  
 Rectal Pain  
 Inflammation in anus area  
 Swollen and inflamed veins in the rectum and anus that cause discomfort and bleeding.  
 This is the most effective formulation in case of Rectal problem,piles, fissure etc

**Case Study on Rectal/piles Problems by using 500mg of mixture of formulation filled into the Hard gelatin Capsules (Osize capsule):**

| Subject No | Age of subject | Dose given in capsules | Dose provided for days/day capsules | Effect   |
|------------|----------------|------------------------|-------------------------------------|----------|
| 1          | 40             | 1000mg/day             | 60/2                                | High     |
| 2          | 50             | 1000mg/day             | 60/2                                | Low      |
| 3          | 55             | 1000mg/day             | 60/2                                | Very low |
| 4          | 45             | 1000mg/day             | 60/2                                | High     |
| 5          | 48             | 1000mg/day             | 60/2                                | High     |
| 6          | 53             | 1000mg/day             | 60/2                                | Low      |
| 7          | 51             | 1000mg/day             | 60/2                                | Low      |

**Activity shown by crude drug after completion of**

**Dose:**

Relief in Stomach Pain  
 Relief in Piles Problem normaly  
 Completely Stop in Bleeding  
 Reduces inflammation in internal and External Hemorrhoids  
 Dose was effective in subject which having age below 45yrs

**II. REFERENCES**

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