

## Role of *Panchamrit Parpati* in *Grahani*

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### ABSTRACT

*Grahani* is a common gastrointestinal disorder affecting a large proportion of the population, primarily resulting from incorrect dietary habits, a sedentary lifestyle, and mental stress. In India, its prevalence shows a female-to-male ratio of 1:3, with the most commonly affected age group being 20–40 years. In *Ayurveda*, the pathology of *Grahani* revolves around impaired digestive fire (*Agni*). *Acharya Charaka* describes *Grahani* as the primary site of *Agni*; therefore, any factor that weakens or vitiates *Agni* leads to dysfunction of *Grahani*, eventually causing *Grahani Roga*. In modern medicine, the disease can be correlated with Irritable Bowel Syndrome (IBS), which also shows altered bowel habits, disturbed digestion, and impaired gut function. The line of treatment in *Ayurveda* focuses on *Deepana* and *Pachana* therapies to rekindle *Agni*, eliminate *Ama* (metabolic toxins), and restore normal digestive physiology.

Among several formulations recommended for *Grahani*, *Panchamrit Parpati* is a highly regarded *Rasa Aushadhi*. It possesses *Deepana* and *Pachana* properties along with *Ushna Guna*, which help enhance appetite, promote efficient digestion, and improve nutrient assimilation (1). Among the five ingredients of *Panchamrit Parpati*, it is usually composed of ingredients such as *parad*, *gandhak*, *lauha*, *tamra*, and *abhra* in the ratio of 16:8:4:2:1 (2). Most of these are hot in potency and exhibit *Katu Vipaka*, stimulating *Agni* at the level of *Annavaha Srotas* and nourishing *Pachak Pitta*. By restoring the digestive fire, the formulation reduces the formation of *Ama* and regulates intestinal movements. Additionally, *Panchamrit Parpati* pacifies *Vata Dosha*, thus correcting abnormal bowel patterns and converting *Atipravritti* (excessive bowel movements) into *Samyak Pravritti* (normal stool pattern). Owing to its multifaceted actions, *Panchamrit*

*Parpati* plays a **significant therapeutic role** in the management of *Grahani*.

**Key words:** *Grahani*, IBS, Case Report.

## INTRODUCTION

*Grahani* is a common gastrointestinal disorder affecting a large proportion of the population, primarily resulting from incorrect dietary habits, a sedentary lifestyle, and mental stress. The prevalence of IBS varies from 12% to 15% in India (3). In India, its prevalence shows a **female-to-male ratio of 1:3**, with the most commonly affected age group being **20–40 years**. Clinically, *Grahani* presents with symptoms such as *muhurbaddham muhurdravam mala pravritti* (alternating passage of hard and loose stools), *trishna* (excessive thirst), *arochaka* (loss of appetite), *daurbalya* (weakness), *udara shoola* (abdominal discomfort), and **malabsorption** (4).

## AIMS AND OBJECTIVES

- To review the article and literature about *Grahani Roga*.
- To **clinically diagnose *Grahani Roga*** based on classical signs and symptoms.
- To assess the effectiveness of *Pancamṛta Parpati* in patients with *Grahani Roga*.
- To observe and document any **adverse effects**, if present, during the course of treatment.

## MATERIALS AND METHODS

**Case Presentation** A 67-year-old female patient residing in Navi Mumbai was registered at the IPD and OPD with UHID no. 33123 at **D.Y. Patil Ayurvedic**

**Hospital.** The patient had chief complaints related to *Grahani Roga* for the last 2 months.

**History of Present Illness** The patient states that she was quite well 6 months ago, except for *agnimandya*. Gradually, the patient developed the symptoms mentioned below:

- **Loose stools 4–5 times/day** since 2 months.
- **Abdominal discomfort and bloating** after meals.
- **Undigested food particles** in stools.
- **Loss of appetite.**
- **General weakness and fatigue.**

Hence, the patient was admitted to the hospital for further management.

## Past History

- Recurrent episodes of diarrhea for the last 6 months.
- No history (*H/O*) of **diabetes, hypertension, or tuberculosis.**
- The patient was taking antacid and probiotic medication for the last 6 months.

## Dietary History

- **Irregular meals**, frequent outside food, and tea 3–4 cups/day.

## General and Systemic Examination

- **PULSE:** 76/min.
- **BLOOD PRESSURE:** 110/70 mmHg.
- **SpO<sub>2</sub>:** 98%.

- **Weight:** 52 kgs.

**Ashtavidha Pariksha** (Systemic Examination):

Parameter	Observation
<b>Nadi</b>	<b>Vata-Pitta</b>
<b>Mala</b>	Loose, with undigested food
<b>Mutra</b>	Normal
<b>Jihva</b>	Coated
<b>Shabda</b>	Normal
<b>Sparsha</b>	Slightly cold
<b>Drik</b>	Mild dullness
<b>Akruti</b>	Moderate build

**O/E GI System:** Abdominal palpation shows **mild diffused tenderness** in the abdomen; there was no sign of organomegaly.

## DIAGNOSTIC CRITERIA

### Subjective Criteria (5):

- Loose stools with undigested food.
- Frequent urge to pass stools, especially after meals.
- Abdominal pain or discomfort relieved after defecation.
- Bloating/heaviness after eating.
- Loss of appetite (**Aruchi**).
- Feeling of incomplete evacuation.
- Weight loss over time.

**Objective Criteria (6) Assessment Scale:**

Symptom	Grading Scale (0–3)
Frequency of stools	0=normal → 3=severe
Consistency	0=formed → 3=watery
Bloating	0=absent → 3=severe
Appetite	0=normal → 3=severely reduced
Fatigue	0=absent → 3=severe

### Investigation:<sup>[pic1]</sup>

- CBC, ESR, STOOL ROUTINE, AND MICROSCOPIC.

**Differential Diagnosis:** (No further data provided in sources).

**Diagnosis** → **Grahani**.

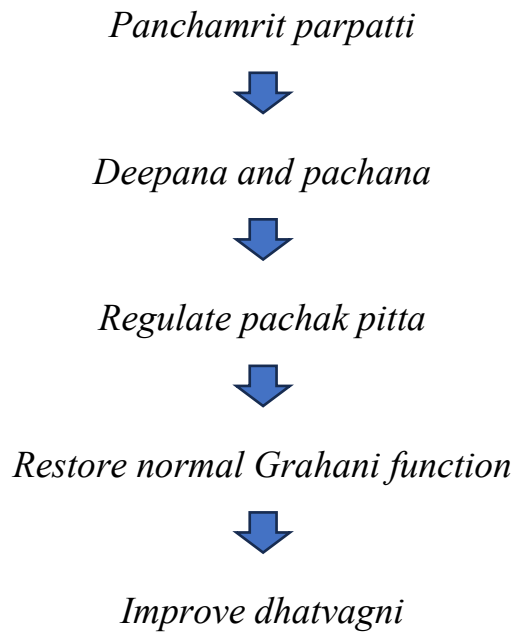
## TREATMENT PLAN

Duratio n	Medicine	Dos e	Anupan a
1–30 Days	<b>Panchamr it Parpati</b>	125 mg twic e daily	Ghee

### Diet/Pathya:

- **Diet:** **Laghu Aahar** – **Manda, Yavagu, Takra**, Moong dal.
- **Pathya:** Avoid fermented food, milk-tea combinations, and irregular meals.

## MODE OF ACTION OF PANCHAMRIT PARPATI



*Panchamrit parpatti*. (Further explanation follows in discussion).

#### RESULT AND OBSERVATIONS (Before vs. After *Panchamrit Parpati*)

Parameter	Before Treatment	After 30 Days
Stool frequency	5/day	1–2/day
Consistency	Loose	Formed
Undigested food	Present	Absent
Bloating	Severe	Minimal
Appetite	Poor	Normal
Fatigue	Marked	Mild
Weight	52 kg	54 kg
<i>Hb</i>	11.7 g/dL	12.4 g/dL

Overall improvement noted: 80–85%.

#### DISCUSSION (7)

*Grahani Roga* is fundamentally based on the **impairment of Agni, the primary digestive and metabolic fire of the body**. There is a disturbance in the equilibrium of *Pachaka Pitta, Samana Vata*, and *Kledaka Kapha*, leading to *Agnimandya* (weak digestion). Due to diminished *Agni*, food is inadequately digested and converted into *Ama*. As *Agni* becomes progressively impaired, the retaining capacity of *Grahani* deteriorates, either releasing food prematurely or retaining it for longer than required. Clinically, *Grahani* presents with symptoms such as *muhurbaddham muhurdravam mala pravritti* (alternating passage of hard and loose stools), *trishna* (excessive thirst), *arochaka* (loss of appetite), *daurbalya* (weakness), *udara shoola* (abdominal discomfort), and malabsorption.

#### CONCLUSION

In the present case, the treatment given—*Panchamrita parpati*—along with *pathya ahara* showed **good and remarkable improvement** and response in this case suffering from *Grahani roga*. This study has provided a **successful and effective Ayurvedic management** strategy for *Grahani roga* while also curing its complications. Hence, it can be clearly depicted that **IBS can be cured** with special reference to *Grahani roga* through its Ayurvedic management.

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Pic-1

Test Report			
Test Name	Results	Units	Bio. Ref. Interval
FECAL CALPROTECTIN (CLIA)	7.19	µg/g	<50.00

**Interpretation**

RESULT in µg/g feces	Remarks
<50.00	Negative
50.00 - 120.00	Borderline
>120.00	Positive

**Note**

- To avoid potential false positive results, patients should abstain from using NSAIDs for at least two weeks prior to the test
- Patient with IBD fluctuate between active (inflammatory) and inactive stages of the disease. These stages must be considered when interpreting results of the fecal calprotectin assay.
- Other intestinal diseases, including many gastrointestinal infections and colorectal cancer, can result in elevated levels of calprotectin
- It is recommended to re-evaluate borderline fecal calprotectin levels after 4-6 weeks to determine the inflammatory status. This decision should be made by the clinician in conjunction with the patient's clinical symptoms, medical history, and other clinical and laboratory findings

**Comments**

Calprotectin is a calcium-binding protein found within neutrophils which influx into the bowel during inflammation. Calprotectin is excreted in excess into the intestinal lumen during the inflammatory process and act as a marker for inflammatory diseases of the lower gastrointestinal tract. The levels of the protein are high in cases of Inflammatory bowel diseases (IBD) but not in non-inflammatory bowel diseases e.g. Irritable bowel syndrome (IBS), therefore this test can help to differentiate between the two diseases.

**Uses**

- To differentiate between IBS and IBD
- To monitor the effectiveness of IBD therapy
- To detect IBD relapse

<b>EXAMINATION OF FAECES</b>			
<b>PARAMETER</b>	<b>RESULTS</b>	<b>BIOLOGICAL REF RANGE</b>	<b>METHOD</b>
<b><u>PHYSICAL EXAMINATION</u></b>			
Colour	Brown	Brown	-
Form and Consistency	Semi Solid	Semi Solid	-
Mucus	Absent	Absent	-
Blood	Absent	Absent	-
<b><u>CHEMICAL EXAMINATION</u></b>			
Reaction (pH)	Acidic (6.5)	-	pH Indicator
Occult Blood	Absent	Absent	Guaiaac
<b><u>MICROSCOPIC EXAMINATION</u></b>			
Protozoa	Absent	Absent	-
Flagellates	Absent	Absent	-
Ciliates	Absent	Absent	-
Parasites	Absent	Absent	-
Macrophages	Absent	Absent	-
Mucus Strands	Absent	Absent	-
Fat Globules	Absent	Absent	-
RBC/hpf	Absent	Absent	-
WBC/hpf	8-10	Absent	-
Yeast Cells	Absent	Absent	-
Undigested Particles	Present++	-	-
Concentration Method (for ova)	No ova detected	Absent	-
Reducing Substances	-	Absent	Benedicts

Conflict of Interest : Non

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