Role of *Patolmooladi Kwatha* in *Grahni* W.R.T. (Irritable Bowel Syndrome) - A Review

Trupti Acharya¹, Vikas Kumar Sharma²

¹Associate Professor, Dept of Prasuti Tantra Evam Stree Roga, Shobit University, Kunwar Shekhar Vijendra Medical College & Research Center, Gangoh, Saharanpur, U.P.

²Associate Professor, Dept of Samhita Siddhant, Shobit University, Kunwar Shekhar Vijendra Medical College & Research Center, Gangoh, Saharanpur, U.P.

Corresponding Author: Trupti Acharya

ABSTRACT

Irritable Bowel Syndrome (IBS) is most common of the functional GIT disorder which together account for half of the outpatient attendance at gastroenterological clinics, it is characterized by the symptoms of abdominal pain and discomfort that is associated with disturbed defecation, till date no clear diagnostic markers and treatment exist for IBS. The cause of IBS remains a mystery and its treatment continues to be a real challenge. It is frustrating condition for the patient because of poor quality of life and equally frustrating for the physician. Ayurveda compares the symptoms of IBS with some of the diseases like *grahni*, *kaphaja pravhika*, *shokaja atisara* etc. Ayurveda has the strong theoretical backup in the genesis of IBS. *Patolamooladi kwatha* is mentioned in the classics for having the therapeutic activity in *grahni*. In the present article, an attempt was made to compile the role of *patolmooladi kwatha* in *grahni*. The authentic subject material has been reviewed from Ayurveda and modern medical literature.

Keywords: Irritable bowel syndrome, *grahni*, *patoola*, *kwatha*. (Decoction)

INTRODUCTION

Irritable bowel syndrome (IBS) is a vague term for a variety of diseases causing discomfort in the gastro-intestinal tract which causes great morbidity in the population. IBS is also called by many names, among them colitis, mucous colitis, spastic colon, or spastic bowel are few. It is a functional bowel disorder characterized by chronic abdominal pain, discomfort, bloating and alteration of bowel habits in the absence of any organic cause. Healthy mind in a healthy body is the principle aim guiding all the prevailing system of Medicine. There is a popular saying that “If you have your health, you have everything”. Unfortunately, our health is something not appreciated until we are without it. *Acharya Charaka* mentions that a person can eat that much quantity of food which will be easily digested in a proper length of time and which will not cause any harm to body and health. He also mentions that a person should eat food which should be suitable for the *Rutu* i.e. season, which will help to gain *Bala* and *Varna*. *Acharya Sushruta* says that, Sign of healthy body is proper balance of *Dosh*, *Agni*, *Dhatu* and *Mala* with their right function in the body system. Along with the required function of *Indriyas* (Senses) and *Mana*. But out of these four *Agni* is most important in chain of creation and is having the capacity to digest and transform. Various metabolic activities of our body depend upon the status of *Agni* in our body. *Achraya Charaka’s* says that “Better health depends upon the increased and decreased functional capacities of *Pachakapitta* which depends on *antragni*”. The seat of *Antaragni* (*Jatharagni*) is known as *Grahani*. The relation between *Grahani* and *Agni* is similar to the relation between structure and function”. *Achraya Charka* says that *Grahani* is the seat of *Agni* and is called so because of holding up the
food. Normally, it holds up the food (till it is digested) and releases it from the side after it is digested. But when it is deranged due to weak digestive fire (Manda Agni) it releases the ingested material even in unripe condition. This condition or working of Grahani is called as Grahani Rog.

Grahani Rog manifests in the form of irregular bowel habits with pain i.e. sometimes patient pass formed and sometimes semi solid stool or liquid stool. Other symptoms which appear in this disease include loss of weight, thirst, letharginess, indigestion, dyspepsia, vomiting, and nausea, swelling of limbs, fever, and weakness etc. Irritable Bowel Syndrome, which can be correlated with Grahani Rog, is a GIT disorder characterized by altered bowel habits and abdominal pain in absence of detectable structural abnormalities. Patolmooladi kwatha mentioned in the classics which having therapeutic property in Grahni (IBS).

Method of preparation of Patolmooladi Kwatha

Following ingredients are used for the preparation

<table>
<thead>
<tr>
<th>S.No</th>
<th>Ingredients</th>
<th>Latin name</th>
<th>Family</th>
<th>Part used</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Patola</td>
<td>Trichosanthes dioica</td>
<td>Cucurbitaceae</td>
<td>Whole plant</td>
<td>4.5 parts</td>
</tr>
<tr>
<td>2</td>
<td>Haritaki</td>
<td>Terminalia chebula</td>
<td>Combretaceae</td>
<td>Pulp</td>
<td>4.5 parts</td>
</tr>
<tr>
<td>3</td>
<td>Bibhitaka</td>
<td>Terminalia bellirica</td>
<td>Combretaceae</td>
<td>Pulp</td>
<td>4.5 parts</td>
</tr>
<tr>
<td>4</td>
<td>Amlaki</td>
<td>Emblica officinalis</td>
<td>Euphorbiaceae</td>
<td>Pulp</td>
<td>4.5 parts</td>
</tr>
<tr>
<td>5</td>
<td>Indravaruni</td>
<td>Cirsium colosynthesis</td>
<td>Cucurbitaceae</td>
<td>Roots</td>
<td>4.5 parts</td>
</tr>
<tr>
<td>6</td>
<td>Trayamana</td>
<td>Delphinium zollii</td>
<td>Ranunculaceae</td>
<td>Whole plant</td>
<td>2 parts</td>
</tr>
<tr>
<td>7</td>
<td>Katuki</td>
<td>Picrorhiza kurroa</td>
<td>Scrophulariaceae</td>
<td>Roots</td>
<td>2 parts</td>
</tr>
<tr>
<td>8</td>
<td>Shunti</td>
<td>Zingiber officinale</td>
<td>Zingiberaceae</td>
<td>Roots</td>
<td>1 part</td>
</tr>
</tbody>
</table>

The coarse powder of all the ingredients are prepared separately and mixed together in the prescribed quantity. It is administered in the form of decoction as prescribed in the Ayurveda classics.

Ingredients and their pharmacological and therapeutic properties.

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Drug</th>
<th>Rasadi panchak &amp; Ayurvedic properties</th>
<th>Pharmacological properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Patola</td>
<td>Rasa – tika, Guna – laghu,snigdha,ushna, Karma –agyideepaka,viavyardhaka,trakadosahara, Roghanta</td>
<td>Therapeutic action in IBS¹³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Krimi, kusa, kushta, kamla¹²</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Bibhitaka</td>
<td>rasa - Kashaya, Gguna - Raksha, Laghu, virya - Ushna, Vipaka - Madhura, Doshaghnatha - Tridoshashamaka specially Kaphahamakha, Rogaghnata - Shotha - Vednyaktavikar, Palita,</td>
<td>Therapeutic action in IBS¹⁸</td>
</tr>
</tbody>
</table>
| 4 | Amlaki | **Rasa** - Amla, Madhur, Kashaya, Tikta, Katu.  
**Guna** - Guru, Ruksa, Sheeta.  
**Virya** - Sheeta.  
**Vipak** - Madhura, Doshaghnata - Tridoshashamaka specifically Pittashamak.  
**Karma** - Paittivikak.  
Daha, Paittikashirashool, Netraroga, Khalia, Pati, Drushtimandy, Aruchi, Trishna, Agrinimandy, Vibanw.  
Amitapitta, Yakrutvikar, Arsha, Hridroga, Raktapitta, Pradara, Kushtha, Visarpa.  
Karma - Dahaprashamana, Chakshushya, Keshya, Deepana, Anulomana, Hridya, Shonitasthapana, Kaphaghna, Vrushya, Garbhashapana, Pramehaghna, Kushtaginha, Jwaraghna, Rasayana.  |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Indravarni</td>
<td><strong>Rasa</strong> - tiktakatu, guna-sara, laghu, veerya-ushna, rogghanta &amp; karma-kamla, kapha, pleeha, udar roga, shwasa, kasa, kushtha, gulma, granthi, vrana, premeha, vishhara</td>
</tr>
</tbody>
</table>
| 6 | Trayamana | **Rasa** - tiktakushtha  
**Guna** - sara, rogghanta & karma - pitta kapha nashaka, jwara, guima, hrudya roga, arsha, vishhara |
| 7 | Katuki | **Rasa** - Katu  
**Guna** - laghu, snigdha (Shunthi), guru, Ruksa.  
**Virya** - Ushna, **Vipak** - Katu (Ardraka), Madhur (Shunthi).  
**Doshaghnata** - Kaphavatashamak, **Karma** - Snigdha.  
Aruchi, Chhardi, Agrinimandy, Vatanulomaka, Madak, Deepan, Anulomana, Krimighna, Rechana, Bhedana, Grahi, Vajikaran (seed), Chakshushya.  |
| 8 | Shunti | **Rasa** - Katu  
**Guna** - laghu, snigdha (Shunthi), guru, Ruksa, Teekshna ardra.  
**Virya** - Ushna, **Vipak** - Katu (Ardraka), Madhur (Shunthi).  
**Doshaghnata** - Kaphavatashamak, **Karma** - Snigdha.  
Aruchi, Chhardi, Agrinimandy, Vatanulomaka, Madak, Deepan, Anulomana, Krimighna, Rechana, Bhedana, Grahi, Vajikaran (seed), Chakshushya.  |

**DISCUSSION**

Vitiation of Agni (Mandagni) is the main reason for IBS. This ultimately results in Ama formation and may lead to diarrhea or constipation. Every individual becomes victim to some gastrointestinal disorders during his life span. Among them majority of disorders are due to functional derangement of gastrointestinal tract. The main lacuna with the present available...
health practice (irrespective of the system) is that emphasis is always given on curative aspect of disease but not to the preventive aspect. Ayurveda is unique in its approach, where it clearly mentions its ultimate aim as nothing but to prevent the disease, and maintain the health of healthy individual. Patolamooladi kwath has therapeutic property in irritable bowel syndrome as the content of the drug had different type of mechanism of action which subsides the symptoms of Grahni (IBS) and provide cure for this diseases. Most of its content having Deepana, pachana and sangrahi properties. Katuki have the antispasmodic activity and also regulates gut motility and madhu (honey) taken as anupana having high calorific value which enhances gut flora. Katuki has katu ,tikta rasa predominant drug it act as a deepana drug and help in amapachana Haritaki and Patola have the deepana, pachana and tridoshashamaka, vataaunlomaka, malaanulomaka properties that’s why it relieves the symptom of Muhur Muhur Mala Pravriti in Grahni Roga. Haritaki has kashaya predominant rasa and it directly mentioned in grahni.

CONCLUSION

This review has presented a collective knowledge on therapeutic, activities of Patolamooladi kwath. So this review will also facilitate to gain all about the past scientific research and the necessary information about the enormous pharmacological activities of this formulation which helps the researcher to explore these formulations for the promotion of health.

REFERENCES

9. AFI- Part 1, second edition, published by the controller of publications civil lines, 110054 in 2003 under the Ministry of Health & Family Welfare Govt. of India Dept of ISM, page no 57
10. i.b.i.d
11. Dr Rajendra Prasad Sharma & Dr Moharpal Meena , Bhaishajaya Kalpana vigyan first edition published by jagadeesh Sanskrit pustakalaya , jaipur page no 88
15. Dr Sudhanshu kumar et al 2018, Pharmacological profile of Terminalia chebula Retz and wild (Haritaki) in Ayurveda with Evidences. Published in research journal of Pharmacology and Pharmacodynamics 10(3) , July- Sept 2018, ISSN No 0975-4407.
17. Sharma, P.V. Prof.; Dravyaguna Vijnana Vol.II, (vegetable drugs), (2009); Chaukhamba Bharti, Academy, Varanasi; PP. 240-241
22. i.b.i.d
24. i.b.i.d,PP 417
26. i.b.i.d, PP 68
33. BhavMishra, B.P., chp 1/152.
34. Dr Sunil Kumar et al, A Case study; Role of Pathyadii Churna in Grahni (IBS) published in WJPR, 30/12/2017 2017,3(11),214-216.

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