



Review Article

ANALYSIS OF ACTION OF MADHUTAILIKA VASTI IN VATARAKTA THROUGH ITS CONTENTS

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ABSTRACT

Vatarakta is a Vatapradhana tridoshaja vyadhi signifies the association of Vata along with Pitta and Rakta dhatu getting Sthanasamshraya at Kaphasthana. It is a Vyadhi of Madhyama rogamarga with Asthi, Sandhi, Upadhatu's like Peshi, Snayu and Sira as target sites. With the greater affection of *Dhatwagni* at different level, the *Samprapti* of the disease progresses to multisystem involvement. This lights the fact that the sites of affection are deep and Bala of the Roai is highly diminished in Vatarakta. So, a treatment which is capable of dislodging the deep seated *Doshas* and bringing *Bala* to the *Rogi* is found to be appropriate. *Vasti*, by its Srotosodhana, Vatanulomana and Brumhana property achieves both the goals. Vasti cures the disease of all Doshas of all the three Margas namely Sakha, Koshta, and Marmasthi sandhi and it completely destroys the vitiated Vata dosha by entering in to its Moolasthana. Different types of *Vastis* can be used in *Vatarakta* and it is found to be very effective. When the Bala of Vatarakta patients are taken in to consideration, a Vasti which is Brumhana, Vatashamana, Rakta prasadana and Rasayana is more appropriate. Madhutailika vasti is Snigdha, Mridu, and Nirapaaya satisfies the selection criteria. The aim of this paper is to demonstrate the mode of action of Madhutailika vasti with Madhuyashtyadi taila in *Vatarakta* by critically analysing the pharmacological properties.

INTRODUCTION

Ayurveda included *Vatarakta* under spectrum of Vatavyadhis. It is considered as a Vatapradhana tridoshaja vyadhi with Rakta as main Dushva. As Swatantra kopa is not attributed to Raktadhatu, it gets vitiated in association with Vata pitta kapha in their own respective Kala, and playing a leading role in the Samprapti. The vitiated Rakta obstructs the Vata, cause Avarana of Vata by Rakta and simultaneously vitiates each other and make up the disease. Samhitas mentioned several Ahara, Vihara, Manasika and Kalaja bhavas which contribute to the independent vitiation of Vata and Rakta. Triggering factors like Abhighata, Asuddhi shows the direct involvement of Raktavaha srotas with a preceding Agnimandya. In Vatarakta, the main target sites are Asthi, Sandhi and Upadhatu's like Peshi, Snayu and Sira.

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The Vata and Rakta triggered by concerned Nidana on their own set off Sanchaya, Prakopa and then tends to attain *Vimargagamana* in *Prasara* stage. Next, Vata and Rakta undergo Dosha dushya sammurchana and get Sthanasamshraya kaphasthana begins to show the Purvarupa of the disease with episodes of exacerbations and remissions. The clear manifestations of symptoms tends to appear in the Vyakta avastha where Vatarakta can be differentiated in to Vataja, Pittaja, Kaphaja, Raktaja, Sannipataja, Samsargaja based on Dosha involvement. Rupa of Vatarakta shows the two level of affection of Dhatus with predictable prognosis. In Uttana Vatarakta, Twak and Mamsa are involved showing symptoms pertains to Twak alone. And in Gambhira vatarakta, a gradual progress with involvement of all Dhatus were seen. A great vitiation of Vayu in Asthi, Majja, Sandhis brings about variants of pain, swelling and deformities. In addition, affection of Uttarottara Dhatu and Ojas leading multiple system involvement. On neglection, the disease progresses to Bhedavasta with life threatening complications.

With the greater affection of *Dhatwagni* at different level, the *Samprapti* of the disease progresses

to multisystem involvement. This lights the fact that the sites of affection are deep and *Bala* of the *Rogi* is highly diminished in *Vatarakta*. So, a treatment which is capable of dislodging the deep seated *Doshas* and bringing *Bala* to the *Rogi* is found to be appropriate. *Vasti*, by its *Srotosodhana*, *Vatanulomana* and *Brumhana* property achieves both the goals.

Vasti karma is the most important among Panchakarma due to its multiple effects. Vasti cures the disease of all Doshas of all the three Margas namely Sakha, Koshta, and Marmasthi sandhi and it completely destroys the vitiated Vata dosha by entering in to its *Moolasthana.* which is responsible for all diseases, thus said to be the Ardha chikitsa. Vasti is the Agrya chikitsa for Vata, which alleviates the morbid Vata from the root along with the other Doshas and in addition to that, it nourishes the body tissues. The Virya of Vasti dravva at first acts upon Apana vavu then on Samana. *Vyana, Udana* and *Prana* in order. Once the *Vata* attains normalcy, it brings both Pitta and Kapha dosha to its Swasthana and maintains health.2 Hence, through Vasti all the *Doshas* involved in the *Samprapti* are corrected. Different types of *Vastis* can be used in *Vatarakta* and it is found to be very effective. When the Bala of Vatarakta patients are taken in to consideration, a Vasti which is Brumhana, Vatashamana, Rakta prasadana and Rasayana is more appropriate.

"Yasmat madhu cha tailam cha pradhanyena deeyate" - the type of Niruha contains Madhu and Taila as main ingredient, hence this Vasti is named as Madhutailika vasti. Madhutailika vasti is a Yapana vasti with Mridu, Snigdha guna. Susruta has mentioned Yapana, Yuktaratha and Siddha vasti as its paryaya.³ They are Nishparihara and Nirapada vasti, particularly indicated in king, the person of such tender nature, the women, the children, old person to remove the morbid Dosha and to gain the strength and complexion, indicates its Mridu nature.⁴ It serves the purpose of Utkleshana, Sodhana and Shamana of Doshas. It can be administered continuously for longer periods at regular intervals in Vatarakta as the persons affected with this disease are of Sukumara prakruthi.

METHODOLOGY

A detailed critical review was carried out in all available literature as classical *Ayurvedic* books. Review mainly focussed on pharmacological properties of each ingredient as per *Ayurvedic* perspective.

RESULTS AND DISCUSSION

The pharmacological properties of ingredients of *Madhutailika vasti* including *Rasa, Guna, Virya, Vipaka, Doshakarma* are analysed and depicted below:

Drugs used for Madhutailika vasti⁵

Madhutailika vasti is prepared using the following ingredients.

Table 1: Showing ingredients of Madhutailika vasti

Saindhava	1 Karsha (12 gm)
Madhu	4.25 <i>Pala</i> (204 ml)
Madhuyashtyadi tailam	4.25 <i>Pala</i> (204 ml)
Satapushpa kalka	½ <i>Pala</i> (24 gm)
Erandamoola kwatha	8.5 <i>Pala</i> (408 ml)

Saindhava

It is the most superior among all varieties of *Lavana*. It is *Agnidipana*, *Rochana*, *Vishyandi* and *Avidahi*. It cures *Netra rogas*, *Vranas*, and *Vibandha*.

English name- Sodium chloride

Synonymn- Sindhutha, Sindhu bheshaja, Shiva etc.

Table 2: Showing properties of Saindhava

Rasa	Madhura
Guna	Sukshma, Laghu, Aruksha, Tikshna
Virya	Anushnaasheeta

Madhu

It has got *Chedaka, Vishahara, Vrana sandhana, Ropana* properties. It has got the property of *Yogavahitwa,* i.e., it can be used with other *Dravyas* without causing alteration to the properties of them. *Purana madhu* is considered as the best for all the purposes.

Latin <mark>na</mark>me- Mel depuratum Synonyms- *Makshika, Madhvika, Kshoudra, Pushparasodbhava.*

Table 3: Showing properties of Madhu

	01 1
Rasa	Madhura
Guna	Guru, Ruksha
Virya	Ushna
Vipaka	Katu
Doshakarma	Kaphapitta shamaka

Madhuyashtyadi taila⁶

Madhuyashtyadi taila is described in Ashtanga hridaya chikitsa sthana in the context of Vatarakta chikitsa. This Yoga specifically having four ways of administration i.e., for Pana, Nasya, Niruha and Anuvasana. It can also be indicated in diseases of Pitta origin, burning sensation and Jwara.

Preparation of Madhuyashtyadi taila:

4.8 kg of *Madhuyashti* boiled in 19.2 L of water and decoction reduced to 1/4th the quantity. To this are added, 3.072 kg of *Taila* and milk and 24 gm each of prescribed *Kalka dravyas* and medicated oil is cooked.

Table 4: Showing ingredients of Madhuyashtyadi taila

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S.No	Sanskrit name of drug	Botanical name	Family	Part used	Rasa	Guna	Virya	Vipaka	Doshakarma
1.	Yashtimadhu ⁷	Glycyrrhiza glabra	Fabaceae	Rhizome	Madhura	Guru, Snigdha	Sheeta	Madhura	Vatapittarakta hara
2.	Sthira ⁸	Desmodium gangeticum	Fabaceae	Root	Madhura, Tikta	Guru, Snigdha, Sara	Ushna	Madhura	Tridoshahara
3.	Tamalaki ⁹	Phyllanthus amarus	Euphorbiaceae	Whole plant	Madhura, Tikta, Kashaya	Laghu	Sheeta	Madhura	Kapha pitta raktahara
4.	Murva ¹⁰	Chonemorpha fragrans	Apocyanaceae	Root	Madhura, Tikta	Guru, Sara	Ushna	Katu	Tridoshahara
5.	Payasya ¹¹	Pueraria tuberosa	Fabaceae	Tuber	Madhura	Guru, Snigdha	Sheeta	Madhura	Pittaraktahara
6.	Satavari ¹²	Asparagus racemosa	Liliaceae	Tuber	Madhura, Tikta	Guru, Snigdha	Sheeta	Madhura	Vatapittarakta hara
7.	Chandana ¹³	Santalum album	Santalaceae	Heartwood	Tikta, Katu	Laghu, Ruksha	Sheeta	Katu	Kaphapittarakta hara
8.	Loha ¹⁴	Aquilaria agallocha	Thymeliaceae	Heartwood	Tikta, Katu	Laghu, Tikshna	Ushna	Katu	Vatakaphahara
9.	Hamsapadi ¹⁵	Adianthum lunulatum	Fabaceae	Whole plant	Kashaya	Guru	Sheeta	Madhura	Kaphapittahara
10.	Mamsi ¹⁶	Nardostchys jatamansi	Valerianaceae	Rhizome	Tikta, Kashaya	Laghu, Snigdha	Sheeta	Madhura	Tridoshahara, Raktahara
11.	Meda ¹⁷	Polygonatum cirrhifolium	Liliaceae	Root stock	Madhura	Guru, Snigdha	Sheeta	Madhura	Vatapittarakta hara
12.	Mahameda ¹⁸	Polygonatum verticillatum	Liliaceae	Root stock	Madhura	Guru	Sheeta	Madhura	Vatapittarakta hara
13.	Madhuparni ¹⁹	Tinospora cordifolia	Menispermaceae	Stem	Katu, <mark>T</mark> ikta, Kash <mark>ay</mark> a	Laghu	Ushna	Madhura	Tridoshahara
14.	Kakoli ²⁰	Fritillaria roylei	Liliaceae	Bulb	Madh <mark>u</mark> ra	Guru, Snigdha	Sheeta	Madhura	Vatapittahara
15.	Ksheerakakoli ²¹	Lilium polyphyllum	Liliaceae	Bulb	Madhura	Guru	Sheeta	Madhura	Vatapittahara
16.	Satapushpa ²²	Anethum sowa	Apiaceae	Fruits	Tikta, Katu	Laghu, Tikshna	Ushna	Katu	Vatakaphahara
17.	Riddhi ²³	Habenaria edgeworthii	Orchidaceae	Tuber	Madhura	Guru, Snigdha	Sheeta	Madhura	Tridoshahara
18.	Padmaka ²⁴	Prunus cerasoides	Rosaceae	Heartwood	Tikta, Kashaya	Laghu	Sheeta	Katu	Raktahara
19.	Jivaka ²⁵	Malaxis accuminata	Orchidaceae	Tuber	Madhura	Guru	Sheeta	Madhura	Vatapittarakta hara
20.	Rishabhaka ²⁶	Malaxis muscifera	Orchidaceae	Tuber	Madhura	Guru	Sheeta	Madhura	Vatapittarakta hara
21.	Jivanti ²⁷	Holostemma ada- kodien	Asclepidaceae	Tuber	Madhura	Laghu, Snigdha	Sheeta	Madhura	Tridoshahara
22.	Twak ²⁸	Cinnamomum zeylanicum	Lauraceae	Bark	Madhura, Tikta	Laghu, Tikshna	Ushna	Katu	Vatapittahara
23.	Patra ²⁹	Cinnamomum tamala	Lauraceae	Leaves	Madhura	Laghu, Tikshna, Pichila	Sheeta	Katu	Kaphavatahara
24.	Nakha ³⁰	Capparis decidua	Capparidaceae	Root	Katu, Tikta	Ruksha, Laghu	Ushna	Katu	Vatakaphahara
25.	Valaka ³¹	Plectranthus vettiveroides	Lamiaceae	Tuber	Tikta	Laghu, Ruksha	Sheeta	Madhura	Kaphapittahara
26.	Prapoundarika ³²	Saccharum officinarum	Poaceae	Stem	Madhura	Guru, Snigdha	Sheeta	Madhura	Vatapittarakta hara
27.	Manjishta ³³	Rubia cordifolia	Rubiaceae	Root	Madhura, tikta	Guru	Ushna	Madhura	Kaphapittarakta hara
28.	Sariva ³⁴	Hemidesmus	Asclepidaceae	Root	Madhura	Guru,	Sheeta	Madhura	Tridoshahara

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		indicus				Snigdha			
29.	Indravaruni ³⁵	Cucumis sativus	Cucurbitaceae	Seed	Madhura	Laghu	Sheeta	Madhura	Pittaraktahara
30.	Dhanyaka ³⁶	Coriandrum sativum	Apiaceae	Seed	Tikta	Laghu, Snigdha	Ushna	Madhura	Kaphapittahara

Avayava prabhava of Madhuyashtyadi taila

Table 5: Showing proportionate distribution of rasa of Madhuyashtyadi taila

Madhura	46.8%	
Madhura tikta	18.75%	
Tikta katu	12.5%	
Tikta kashaya	6.25%	
Tikta	6.25%	
Kashaya	3.12%	
Katu tikta kashaya	3.12%	
Katu madhura	3.12%	
Madhura katu tikta kashaya	3.12%	

Table 6: Showing proportionate distribution of guna of Madhuyashtyadi taila

31.25%
18.5%
12.5%
9.37%
9.37%
9.37%
3.12%
3.12%
3.12%

Table 7: Showing proportionate distribution of virya of Madhuyashtyadi taila

Sheeta	68.75%
Ushna	31.25%

Table 8: Showing proportionate distribution of vipaka of Madhuyashtyadi taila

Madhura	71.8%
Katu	28.12%

Table 9: Showing proportionate distribution of doshaharatwa of Madhuyashtyadi taila

Vatapittaraktahara	21.8%%
Vatakaphahara	15.62%
Vatapittahara	12.5%
Kaphapittahara	9.37%
Kaphapittaraktahara	9.37%
Pittaraktahara	6.25%
Raktahara	3.12%
Sannipataraktahara	3.12%

Satapushpa³⁷

Botanical name - Anethum sowa

Family - Apiaceae

Synonyms- Satahwa, Karavi, Misi

Part used- Seeds, fruit

Gana - Cha: Asthapanopaga, Anuvasanopaga, Dipana

Table 10: Showing properties of Satapushpa

Rasa	Katu, Tikta
Guna	Laghu, Tikshna
Virya	Ushna
Vipaka	Katu
Doshakarma	Vatakaphahara
Karma	Soolaghna, Vrana pachana, Dipana, Pachana

Erandamoola³⁸

Botanical name- Ricinus communis

Family - Euphorbiaceae

Synonymn- Urubhuka, Gandharvahasta, Vatari, Snehaprada

Part used-Root

Table 11: Showing properties of *Erandamoola*

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Rasa	Madhura, Tikta
Guna	Guru
Virya	Ushna
Vipaka	Madhura
Doshakarma	Tridoshahara Ayuveda
Karma	Dipana, Vrushya, <mark>Soola</mark> ghna, Sothaghna, Adhobhag <mark>a</mark> doshah <mark>ara</mark>
Rogaghnata	Vatarakt <mark>a,</mark> Gulma, Hridroga <mark>, J</mark> irnajwara, Gridrasi, Pakshagh <mark>ata</mark>

Ksheera

Table 12: Showing properties of ksheera

Rasa	Madhura
Guna	Guru, Snigdha
Virya	Sheeta
Vipaka	Madhura
Karma	Vatapittahara, Dhatuvardhana, Ojasyam

Tila taila

Table 13: Showing properties of Tila taila

Rasa	Madhura, Tikta, Kashaya, Katu
Guna	Guru, Snigdha, Tikshna, Sukshma
Virya	Ushna
Vipaka	Katu
Karma	Vatakaphahara

DISCUSSION

Considering the severity of symptoms, the disease *Vatarakta* organized under the spectrum of *Vatavyadhis* in *Ayurveda*. It manifests through *Madhyama rogamarga* by involving *Marma, Asthi, Sandhi* and *Upadhatu's*. The vitiated *Vata, Pitta* and *Kapha* get *Sthanasamshraya* at *Kapha sthana* sets off the pathogenesis of disease. So, there is a natural

disturbances of *Kapha* in the body. Simultaneously, *Dhatwagni mandya* in *Uttarottara dhatus* makes disturbances in *Dhatuparinama* leads to diminution and improper function of *Ojas* in the body, which makes *Vatarakta rogi* more prone to multisystem affection and further complications.

With due consideration of the extend of accumulation of *Doshas* and loss of functions of *Ojas, Vatarakta* is not amenable to simple treatments. So, a treatment which is *Srotosodhana* and *Vatanulomana* at the same time bringing *Bala* to the *Rogi* was selected. *Vasti* which is capable of eliminating vitiated *Vata, Pitta, Kapha* and brings *Prasadana* of *Rakta dhatu* fulfils the need.

Madhutailika vasti contains Madhu and Taila as main ingredient. By Madhu it does Lekhana of Doshas, and by Sneha it cause Vatanulomana and Brumhana. The Vatapittaraktaharatwa of contents of Madhutailika vasti facilitates elimination and thereby reducing the inflammatory process. This particular Vasti helps to regain the Snigdha, Slakshna, Pichila, Mrutsna guna of Kapha and replenishes all the Dhatus and hence the quality of Ojas is maintained.

Discussion on ingredients of *Madhutailika vasti: Madhu*

- Doshic action of Madhu is Kapha pitta rakta shamana.
- By its *Madhura rasa* and *Guru guna* pacifies *Vata* and *Rakta*.
- Ushna virya causes Vata shamana.
- By Katu paka it acts as Srotosodhana.

Saindhava

- Due to Madhura rasa and Madhura paka it is Vata rakta shamana.
- By its Laghu, Tikshna, Sukshma guna it acts as Srothosodhaka.
- Since it is *Aruksha*, *Vata kopa* is not suspected.
- It is *Anushna* in *Virya*, thus not producing any *Vata* and *Rakta kopa*.
- It is *Tridosha shamaka* in nature.

Madhuyashtyadi taila

- On analysing the drug constituents of *Madhuyashtyadi taila*, 46.8% of drugs were *Madhura* in *rasa*, and 18.75% found to be *Madhura tikta*.
- *Guru Snigdha guna* attributed to 31.25% of contents and *Guru guna* alone attributed to 18.5%.
- Most of the drugs (68.75%) are of cold potency and 71.8% of drugs are having *Madhura vipaka*.
- 21.8% of drugs are showing simultaneous action on *Vata pitta* and *Rakta* and the remaining drugs pacifies these *Doshas* in other combinations.

As this *yoga* contains 3.072 kg of *Tila taila* and *Ksheera*, and 4.8kg of *Yashtimadhu* it may increase the estimated proportion of above said qualities.

Satapushpa

• Due to Katu tikta rasa, Laghu tikshna guna, Ushna virya and Katu vipaka, Satapushpa acts as Srothosodhaka.

• Due to *Soolaghna* property, it relieves pain in *Vatarakta*.

Erandamoola

- Due to *Madhura tikta rasa, Madhura paka* and *Guru guna erandamoola* relieves *Vata* and *Rakta.*
- By Ushna virya it acts as Srotosodhana.
- It is *Tridoshahara* and pacifies symptoms like *Soola*, *Sotha*.
- It is directly indicated in *Vatarakta*.

CONCLUSION

On analysing the pharmacological properties of each ingredient in the formulation shows that most of the contents of *Madhutailika vasti* are predominantly *Madhura* in *Rasa, Guru snigdha* in *Guna, Sheeta* in *Virya, Madhura* in *Paka, Vata pitta raktahara* in *Karma*. By these attributes, this particular *Vasti* possibly corrects the *Samprapti* of *Vatarakta*.

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