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Vaitarana Basti: An Ayurvedic Therapy for Rheumatoid Arthritis and Vata Disorders

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Abstract: Basti is considered ardh chikitsa among Panchkarma therapies so this is very speciality treatment of Ayurved. Vaitarana basti is a therapeutic enema in Ayurveda that is used to treat various range of conditions like Amavata, a crippling disease that can cause painful conditions, Imbalanced doshas, Accumulation of toxins in the body, Gridhrasi, a pain condition. It is a type of teekshna basti that has qualities like Amapachana, Srotoshodhana and Vatakaphahara. It helps relieve joint - specific symptoms such as pain, swelling, stiffness, and tenderness also improve functional indicators like grip strength and walking time. It is one of the most praised basti used for the treatment of rheumatoid arthritis and vata disorders. It is made with a number of ingredients like Saindhava (Rock Salt) which has subtle and penetrating properties that help therapeutic substances be absorbed, Jaggery makes it easier for the solution to interact with and be absorbed by water and Gomutra helps reduce Shotha and Ruja.

Keywords: Vaitaran Basti, Panchkarma, Aampachan, Aamvata, Vata Kapha, Gomutra

1. Introduction

Vaitarana etymology by Padma Purana, vai - truly + tarana saving. So the meaning is truly save one from many diseases. It is also considered as half of the entire treatments in Ayurveda¹. It is mainly of two kinds i. e. Niruha Vasti and Sneha Vasti². In Garuda Purana and various other Hindu religious texts, Vaitarana or Vaitarani river has been described which lies between the earth and the infernal Naraka, the realm of Yama, Hindu God of death and is believed to purify sins ³. In other texts like Harihareshwara Mahatmya, Tirtha Yatra Parva of Mahabharat, Matsya Purana, Vamana Purana and Padma Purana river named Vaitaran is mentioned. Lastly, it is the Padma Purana which reveals the etymology of Vaitarani in Vaitarani Mahatmya, where it is defined as Vai (truely) tarini (saving) 4. The term Vaitarana is used as a name associated with Shalvatantra Acharva in Sushruta Samhita⁵. In various classical texts uses of this basti is indicated in different conditions like Chakradatt⁶ in Soola, Anaha, Amavata by Vridhamandhav⁷ in Soola, Anaha, Amavata and by Vangasena8in Soola, Amavata, Sopha of Kati, Uru, Prushta, Urusthambha, Gridhrasi, Janusamkocham, Vishama Jwara, Klaibya. Saindhava, Guda, Taila & Amlika are found common in formulations mentioned by Chakradatt, Vridhamandhav and Vangasena but there is difference in opinion with Drava Dravya only. In various therapeutic uses different Drava Dravyas are used other than the classically mentioned like Dhanyamla, Kulatha Kwatha etc. Therefore, critical analysis is need for selection of Drava Dravya. 'Surabhi Payah' in Vangasena is Gomutra but as per Lala Saligramavaidya's Hindi translation of Vangasenasamhita, which includes milk as a constituent which may be the influence of former treatises like Vrindha Madhava and Chakradutta. The first reference regarding Vaitarana basti is found in Sidhayogah or Vrindha Madhava explained as a separate section after Niruha Adhikara as it does not satisfy the common pattern of combination as in Niruha. Dr. Premavati Tiwari and Dr. Ashakumari reports a variant reading where *Guda* is replaced by Hingu. Sharngadhara has given certain important rules regarding the quantity of *Drava Dravya* to be taken for *Sneha* preparations which has been adopted same by Srikantha Dutta and Sivadas Sen basti also. So, double the quantity of Gomutra or Goksheera mentioned can be taken, i. e.2 Kudava. On the basis of clinical tradition, Nischalakara and Sivadasa Sen has mentioned the quantity of *Taila* as 1 *Pala*. Madanaphala which is usually added to every Niruhabasti has been practice to add in Vaitaran Basti by Tatvachandrika tika [12]. Niruha Basti common ingredients are Makshkika, Lavana, Sneha, Kalka and Kwatha [13]. In the absence of Makshika, Purana Guda can be substituted [14]., Madanaphala is also an ingredient of niruha basti [15]. One can give status of Niruha Basti to Vaitarana Basti [16]. The action of Basti is not localized but it has a systemic effect. In Ayurveda, Veerya of basti dravyas administered into Pakwasaya reaches the whole body through Srotas [channels] as water when poured into the root of the tree reaches the whole plant [17]. Just like a cloth while colouring absorbs only colour not water in the same manner Basti administered into Pakwasaya draws out the toxic matters from the body [18].

Ingredients in Vaitarana Vasti

1) Saindahava Lavana (Rock salt):

Saindhava Lavana is the best and purest form of rock salt and advisable in Ayurveda for daily consumption. It possesses 85% NaCl and 15% trace materials, whereas another salt contains 97% NaCl. It contains 84 trace elements, out of 92

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trace materials of the human body and is a rich source of calcium, iron, zinc, potassium, magnesium, and copper. It is salty and slightly sweet in taste; Madhura Vipaka, Sheeta Veerya, light, unctuous in nature, Tridoshahara, Agni Deepaka, Rochaka, Pachaka, Pathya, Vrishya, Chakshusya, Avidahi, and Hikkahara. It has numerous health benefits. It improves digestion, relieves constipation as well as flatulence and maintains body electrolytes. It is good for respiratory disorders, joint disorders and stiffness, skin ailments, gastritis and bloating. While preparing the basti liquid, rock salt is added to prepare an emulsion which dissolve and expel Doshas from the intestines. It absorbs other nutrients into the body from GI tract. It also eliminates toxins from the body and used during sudation therapy. Useful in muscle cramps, worm infestation and halitosis [19].

2) Chincha / Tamarind (Tamarindus indica L.)

Tamarind is found in the name of Chincha or Amlika in Ayurvedic texts. It is a cheaply available plant and has a long history of wide medicinal uses, rich in tartaric acid which is a potent antioxidant also a good source of Iron and Thiamine. The ripe fruit of Tamarind is *Madhura - Amla* (sweet - sour) in taste, Guru and Ruksha Guna, Usna Veerya, Amla in Vipaka and Vata Pitta pacifier. It has Rochana - Deepana (Appetizing - Digestive), Trisnanigrahana (suppresses thirst), Yakrtituttejaka (liver stimulant), Sothahara (anti inflammatory), Mutrala (diuretic), Vishaghna (anti dote to poisons), Vastisodhaka (urinary antiseptic), Klamahara (anti - fatigue) actions also useful in conditions like fever, loss of appetite, wound, sunstroke, rheumatism, and diabetes also its fruit is laxative. Leaves destroy parasitic intestinal worms. It is used as a food and has culinary uses. It is used as anti - oxidant, anti - inflammatory, anti - nematodal, anti - diabetic, anti - cytotoxic, anti - microbial, anti - fungal, anti - viral, hepato - protective, molluscicidal, activities [20]

Tamarind fruit has a laxative effect due to the presence of malic acid, tartaric acid and potassium also has anti spasmolytic activity as it blocks calcium channel and it helps in cardiovascular diseases and obesity as it contain polyphenol and flavanoids in it [22].

3) Guda (Jaggery):

Jaggery is used extensively in Ayurvedic medicines for therapeutic uses, dietary sources and pharmaceutical process. It is not completely refined like sugar. It doesn't increase Kapha Dosha. It is a rich source of potassium, iron, magnesium, zinc, selenium, calcium, vitamins and antioxidants. It also contains polyphenols, a phenolic compound which is responsible for anti - oxidant and cytoprotective activities. It cures oedema when it is consumed along with ardraka, abhaya, sunthi, or pippali. It is also good for the patients with dysuria, constipation, cardiac problems, asthma, allergies, chronic fever, piles, throat and lung infections, malabsorption syndrome (Grahani) and Kapha Vataja Rogas [^{23] [24]}.

4) Gomutra (Cow urine):

Gomutra described in Ayurveda as an effective medicinal with numerous therapeutic uses. It is considered as the best and useful among all mutra [25]. It consists of water, urea, and a mixture of salts, hormones and enzymes. It is good for worm infestation, skin disorders, and pruritus $[^{26}]$. It is *katu* in taste, Tiksna, Usna, alkaline (Kshara), Agnideepaka, Medhya, Kaphavatahara, Pithavardhaka and beneficial in Sula, Gulma, Udara, Anaha also used in Virechana and Asthapana Karma, obesity, certain cardiac and renal diseases, indigestion, stomach ache, diarrhoea, oedema, jaundice, anaemia, haemorrhoids and skin diseases including vitiligo, removes all the imbalances in the body and maintains the general health. It acts as bio - enhancer, antifungal, antimicrobial, germicidal, bactericidal, antioxidant and antineoplastic action also used in hypersensitivity reactions and increases the life span of a person. It has immune enhancer properties. It exhibits antimicrobial and germicidal activity due to the presence of urea, creatinine and Arum hydroxide (Swarna Kshar) in it.

Its anti - cancerous activity is due to uric acid and Allantoin in it. It shows wound healing activity due to allantoin, immunomodulation due to Arum hydroxide, cardiovascular diseases due to the presence of kallikrein, urokinase, hippuric acid and ammonia, anti - obesity properties due to the content of copper also anti - toxic activity by virtue of Arum hydroxide present in it [²⁷]

5) Gudugdha (Cow milk):

Cow milk is nutritive (Jeevaniya) and good for vital organs eyes, brain and heart. It has sweet taste (Madhura Rasa), Veerya (Cooling). It acts as (immunomodulator) and *Oja Vardhaka* (increases vitality) [28]. Due to the presence of lactose calcium in milk is highly absorbed even in the absence of vitamin D. It is good balances of all fat soluble vitamins and vitamin B12. All age group of people can consume and digest it due to homologous nature. Cow's milk is a good source of protein, fat and minerals such as calcium. It improves immunity due to the presence of globulin, and boosts intelligence and promotes bone strength

6) Dhanyamla:

Gomutra is very much Ruksha and Goksheera is Mridu, Dhanyamla is seemed to be used as Drava Dravya as it is neither too Teekshna nor too Mridhu and is indicated for Asthapana. It can be used in Vata and Vata Kaphaja conditions $[^{30}]$.

7) Kulatha (Macrotyloma uniflorum L):

Kulatha is a legume is mentioned as diet and medicine in Ayurveda especifically used in urinary disorders. It is endowed with astringent (Kashaya) and Amla (sour) taste and hot in nature (*Usna Veerya*). It reduces aggrevated *Kapha* and Vata Dosha. It is useful in Rukshana Karma (emaciating Body). Its therapeutic uses are carminative, diuretic, antipyretic and anthelmintic. Also useful in fever, cough, asthma, urinary calculus, rheumatism, colic, goitre, obesity, worms, hiccup, amenorrhea, urticaria and abdominal tumours. It contains high source of iron, molybdenum, calcium, polyphenols, flavanoids and in the unprocessed form, it is hypoglycaemic and reduces insulin resistance [31].

8) Tila Taila (Sesame oil):

Tila Taila is a vegetable oil obtained from sesame seeds. Sesame is Katu - Tikta - Madhura in taste, Guru, Snigdha in nature, Vatahara, Kaphapittakara, anodyne, tonic (Balya), Keshya (hair vitlizer) and Garbhasaya Sodhakam. It improves

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hair and skin health, bone growth, blood pressure, good heart health, anxiety and depression, infant health, dental problems, cancer, improve digestive process and lowers inflammation [32]. Sesame oil is very nutritious and provides an excellent source of protein, calcium, omega - 6 fatty acids, magnesium, iron, zinc and vitamin A & E. Sesame oil soothes skin, lubricates intestines, relieves constipation and is recommended for stiff joints, weak knees and nervous spasms [33]

Ingredients and their quantity generally used in Vaitaran Basti are given below

Amli Tamarindus indica 1 pala = 48 grams Guda Jaggery 1 shukti = 24 grams Saindhava Lavana rock salt 1 karsha = 12 grams Go mutra cow urine 1 kudava = 192 ml Taila sesame oil as required

2. Method of Preparation and Administration

Vaitarana basti is a form of Niruha Vasti i. e. decoction enema. In any decoction enema, rock salt, honey, oil / ghee, paste of medicines, decoction and add on liquids are added in that order. They are made into a homogenous liquid and administered as enema.

In Vaitarana basti such procedure is not mentioned. But the preparation shall be done in a similar way.

- First rock salt is powdered properly.
- Instead of honey, syrup of jaggery in mentioned proportion is added to the rock salt. They are pounded and mixed.
- Sesame oil is added and mixed.
- The paste of tamarind is now added to the resultant mixture and ground properly.
- Finally, instead of decoction, urine of cow is added and mixed thoroughly until they become homogenous.

Another method

- The jaggery is ground with equal quantity of cow urine so as to make a homogenous paste.
- Later the rock salt is added to the paste.
- Sesame oil is added in needed proportions to the above said mixture of ingredients and ground till they become homogenous.
- To this, the tamarind paste is added
- Finally the cow urine in mentioned quantity is gradually added to the above said mixture.

They are mixed thoroughly until they properly blend.

- The resultant liquid i. e. medicated decoction is filtered.
- The filtrate is kept in hot water and made lukewarm. The temperature should be tolerable enough to be administered as enema.
- After checking the temperature of the decoction, it is administered as enema.
- This enema should be given after the consumption of food.

Time of administration:

General time for administering *Niruha Vasti* i. e. "*Madhyahne Kinchidavarthe*" [^{35]}. A day can be divided into 3 *Ahnas* ie. *Purvahna*, *Madhyahna* and *Aparahna*. *Niruha basti* is given in *Madhyahna* time i. e. between 10 am to 2 pm when the

patient feels not so much hunger. Vrindha Madhava and Vangasena explain that *Vaitarana basti* can be administered to all types of patients; it can be given even after consumption of food [^{36]}, which deviates from the general norm of administering *Niruha Vasti*. Vrindhamadhava advise administration during evening time also. It can be given immediately after food intake should be considered as an exceptional rule and should be administered in special cases like *Amavata* where the patient is too weak to withstand the strength of the *basti*.

3. Conclusion

Vaitarana Vasti is one of the most effective and economical basti which can be administered in a wide range of diseases. It is not mentioned in bruhat trayee. References of it are available in text books like Chakradutta, Vrindhamadhava, Vangasenasamhita etc. The quantity of ingredients and Drava Dravya differ in preparation of basti as per therapeutic uses and disease and patient condition. Many studies on Vaitarana Vasti focus on Amavata and so there is huge scope of studies on rest of the indications like Klaibya. More researches and studies are needed to standardise the quantity of ingredients, selection of ingredients in different diseases conditions and to establish the mode of action of Vaitarana basti in different diseases.

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