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Conceptual study of Yuktaratha Basti and its mode of action

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ABSTRACT

Basti Chikitsa regarded as the prime treatment modality among the Panchakarma. It is having not only curative action but also preventive and promotive actions. Acharya Sushruta has described various kind of Basti in Chikitsasthana. Yuktarathabasti is a type of Niruhabasti and Vikalpa of Madhutailik Basti. Synonyms are Yapana, Siddha and Yuktarathabasti. As the patient can travel even after the administration of Basti on chariots, back of elephants or horses it is called as Yuktaratha. These are normally strictly contraindicated in Basti therapy as it causes Samkshobha (irritation) and complications. This characteristic of Yuktarathabasti makes it applicable to out-door patients without hospitalization. It enhances Deepana, Pachana and has the Kati, Pada, Jangha, Uru, Trikashoolahara property. So that it can be useful in Vatavyadhis like Sandhigatvata.

Key words: Basti Chikitsa, Panchakarma, Yuktarathabasti.

INTRODUCTION

Panchakarma presents a unique approach of Ayurveda with specially designed five procedures of internal purification of the body through the nearest possible route. It facilitates the desired pharmacotherapeutic effects of medicines administered thereafter. Panchakarma has a full therapy role as promotive, preventive and curative procedure.

The treatment principle for disease as told by Acharya Sushruta are increasing the depleted Dosha (humors), decreasing the increased Dosha, eliminating the excessively increased Dosha and maintaining the

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normalcy of *Dosha*. *Panchakarma* does all the actions in a quick and effective manner.[1] Acharya Charaka mentioned that the *Dosha* are pacified by *Shodhana* never recurs but those pacified by Langhanapachana etc. may occur. [2] The unique feature of the Panchakarma therapy is to destroy the disease from the root level.[3]

Bastichikitsa regarded as the prime treatment modality among the Panchakarma. It is having not only curative action but also preventive and promotive actions. Basti therapy is considered as Chikitsardha among all therapy^[4] and some physician recognize it as complete therapy because Basti has a vast field of therapeutic action. Basti is the major therapy among Snehadi Karma because by combination of different drugs it does Samshodhana, Samshamana, Sangrahana of Dosha, it increases the Kshinashukra, makes the thin into corpulent, obese into normal, nourishes the eye, destroys the Valipalita and arrests ageing. [5] Acharya Sushruta has described various kind of Basti in Chikitsasthana. These are some special *Basti* in terms of their purpose, drugs used in and their mode of action. The Yuktarathabasti is one among them. As the patient can travel even after the administration of Basti on chariots, back of

elephants or horses it is called as *Yuktaratha*.^[6] These are normally strictly contraindicated in *Basti* therapy as it causes *Samkshobha* (irritation) and complications. This characteristic of *Yuktarathabasti* makes it applicable to out-door patients without hospitalization. *Yuktarathabasti* is a type of *Madhutailikbasti* and its synonyms are *Yapanabasti*, *Siddha Basti* and *Yuktarathabasti* etc.^[7] Also it enhances *Deepana*, *Pachana* and has the *Kati*, *Pada*, *Jangha*, *Uru*, *Trikashoolahara* property.^[8] So that it can be useful in *Vatavyadhis* like *Sandhigatvata*.

Ingredient: Content of *Yuktarathabasti* as per *Acharya Sushruta*^[9]

Madhu: 2 Prasruta 1 Karsha (approx 170 ml)

Saindava: 1 Karsha (approx 10 gms)

Taila: 2 Prasruta 1 Karsha (approx 170 ml)

- Kalka: 4 Karsha (approx 40 gms) (Vacha, Pippali, Madhuka, Madhanaphala)
- Erandamoola Kwatha: 4 Prasruta 2 Karsha (approx 340 ml)
- Mamsarasa: 1 Pala^[10](approx 40 ml) (As per Acharya Gayi)

Total Quantity: 760 ml (approx). *Yuktarathabasti* is a type of *Madhutailikbasti* so it is given in quantity of *Padenhina Prasruta*^[11] means ¼ less in *Dvadashaprasutamatra* i.e. 9 *Prasruta*.

According to *Acharya Vagbhata*^[12] and *Sharangdhara*,^[13] *Mansarasa* is not mentioned in classical text of *Yuktaratha*.

Comparison between Yuktarathabasti and Niruhabasti

The ingredients in classical *Niruhabasti* are *Makshika*, *Lavana*, *Sneha*, *Kalka*, *Kwatha*. *Yuktarathabasti* is the variant of *Niruhabasti*. The ingredients of *Yuktarathabasti* are *Makshika*, *Lavana*, *Sneha*, *Kalka*, *Kwatha* and *Mamsarasa*, where the dose of *Makshika* and *Sneha* is taken in equal quantity. It is having not only curative action but also preventive and promotive actions hence its properties are elaborated by *Acharya Charaka* that *Basti* treatment increases longevity of life, increases complexion of the body,

and it is well accepted to all i.e., *Sishu, Vriddha* and *Yuva*, thus it cures all the diseases.^[14]

Properties of the ingredients in Yuktarathabasti

1. Madhu: If any drug is administered with appropriate vehicle it can be absorbed and assimilated by the body very quickly. Madhu is made of various substances and considered best among the vehicles. It forms the homogeneous mixture with Saindhava. Madhu has pre-digested sugar and it is easy to digest and are readily absorbed and assimilated by the body. In this way it energizes the body very quickly. Main role of Madhu is to increase the retention time of basti by counteracting the irrelative property of Saindhava.

The retention time of irritative substance in rectum may be favoured by making solution as nearly isotonic as possible by using colloidal fluid such as starch water as diluents. Considered best among the vehicles, *Madhu* contains various substances in it, which emphasizes its drug carrying capacity. By its *Sukshmaguna*, it reaches upto a micro channel in turn carries the drug at microcellular level. In *Yuktarathabasti*, *Makshik* is taken in this much quantity that it added the property of *Vrishya* in it.

- 2. Sneha: By using Sneha the fat-soluble fraction of the drug easily absorbed from the colon. Lipids and lipid soluble substance can easily enter the cell. In this way Sneha helps the Bastidravya to reach at cellular level. Sneha increases the permeability of cell membrane and become helpful in elimination of Dosha and Mala. Sneha Dravya reduces Vatadushti, softens micro channels, destroys the compact Mala, and removes the obstruction in the channels. [17] Apart from these functions it also protects the mucus membrane from the untoward effect of irritating drugs in Basti Dravya.
- 3. Saindhava: Saindhava have the properties like, Vishyandi, Sukshma, Tikshna, Ushna and Vataghna and promotes the evacuation of bladder and rectum.^[18] Because of its Sukshma property it helps the drug to reach into the micro

channels, Saindhava mixed with the honey, is capable of liquefying the viscid Kapha and breaking it into minute particles for their easy elimination. Similarly it may liquify the morbid Doshasanghata and breaks into smaller particlesby virtue of its Ushna and Tikshna property respectively and thus helps their elimination. Apart from this, Saindhava destroys the Picchila, Bahula and Kashaya properties of Makshika and makes close union with it to form a homogeneous mixture. [19]

 Kalka: It gives required thickness (concentration) to the basti. It delivers the function of Doshautkleshana, Doshaharana or Samshamana depending upon its contents and is selected accordingly. Less quantity or absence of *Kalka* makes the *Bastidravya* thin this comes out immediately after administration. Excess quantity of the *Kalka* makes *Bastidravya* thick and difficult for administration and may not come out within the expected time.

Fresh drug and drug containing volatile property can be used in the form of *Kalka*. *Kalka* drug enhances the action of *Kwatha Dravya*.

In Yuktarathabasti, Kalka of Vacha, Yashtimadhu, Madanphala and Pippali is used. The properties of these drugs are mentioned in table no. 1 as follows.

Table 1: Properties of Kalka Dravyas used in Yuktarathabasti

S N	Drug	Latin name	Gana		Pharmacod	Pharmacologi cal action				
			Charaka	Sushruta	Rasa	Virya	Vipaka	Guna	Doshagnata	Roghagnata
1.	Vacha ^[20]	Acorus calomu s	Mulini, Asthapano paga	Pippalyadi, Mustakadi, Vachadi	Katu, tikta	Ushna	Katu	Laghu, Tikshn a	Kapha- Vatahara	Shirovirechana , Sagnyasthapa na, Shitaprasham ana, Chardana, Niruhana, Arshogna, Lekhaniya
2.	Yashtimadhu ^[21]	Glycyrr hiza glabra	Vamanopa ga, Snehopaga, Asthapano paga, Jivaniya	Kakolyadi, Sarivadi Anjanadi	Madhur	Shita	Madhur	Guru snigdh a	Tridoshahar a	Sandhaniya, Varnya, kanthya, Kandughna, Chardinigraha na
3.	Madanphala ^[22]	Randia spinosa	Vamana, Phalini.	Urdhvabhag ahara, Aragwadadi, Mustakadi	Madhur, tikta	Ushna	Katu	Laghu	Kaphaghna	Lekhana, Vamanakarak a, Shothagna, Vranaropana, Kushtagna, Kaphagna, Vishaghna, Swedajanana, Raktashodhak a, Artavajanana,

									Jwaraghna.
4.	Pippali ^[23]	Piper longum	Vamana, Asthanopa ga, shirovirech anopaga	Urdhvabhag ahara, Trayushana, Pippalyadi, Amalakyadi	Katu	Anush na	Madhur	Kaphavatah ar	Dipaniya, Kanthya, Sitaprashama na, Shula prtashamana, Kasahara, Hikkanigrahan a, Truptighna

- 5. Kwatha: It is use to get water soluble fraction from the Kwatha. The action of this is mainly depending upon thedrugs used in it. Thus in regard to above description Basti Dravya when administered reaches up to the micro and macro cellular level due to its Veerya (potency) helps first to disturb the pathogenic processand carries out the morbid matter towards Pakvasaya for the elimination. Thus it works as a curativeas well as purificative measure. The drugs used for the preparation of Kwatha are selected on the basis of Dosha, Dushya and Srotasa involved in the pathogenesis SO their main action Sampraptivighatana of Roga. Kwatha imparts volume and brings homogeneity. Physical effects like temperature, pressure, consistency and spread depend directly on Kashaya or Kwatha. Usually Kwatha is used but as per need Kshira, Mamsarasa, Amlakanji, cow urine, Dadhimastu are also used in place of decoction. In Yuktarathabasti, Earandamulakwatha is used. The properties of *Eranda*^[24] are as follows;
- Latin name Ricinus communis
- Charaka Gana Bhedaniya, Swedopaga,
 Angamardaprashamana, Madhuraskanda.
- Sushruta Gana Vidarigandhadi, Adhobhagahara,
 Vatasamshamana

Pharmacodynamics

Rasa : Madhura, Katu, Kashaya

Virya : Ushna

Vipaka : Madhura

Guna: Guru, Snigdha, Tikshna

- Doshaghnata : Kaphavatashamaka
- Rogaghnakarma (Pharmacological action): Shulaghna, Shothagna, Katishulaghna, Bastirogahara, Shirashulahara, Udararogahara, Jwaraghna, Shwasaghna, Kasaghna, Kushtaghna, Amavatahara, Vedanasthapana, Krimighna, Adhobhagahara, Sramsana, Dahashamaka.
- 6. Avapa Dravya: These are used in order to make the Basti either Tikshna or Mridu and to increase the quantity of Basti. It affects the particular Dosha sometimes. Yuktarathabasti contains Mamsarasa as Avapadravya.

Mansa Rasa^[25]

Pharmacodynamics

Rasa: Madhura,

Guna: Guru,

Vipaka: Madhura,

Doshaghnata: Vatashamaka,

Rogaghnakarma (Pharmacological action): Rasayana,

Brimhana, Hridya

Method of preparation of Basti

Yuktarathabasti is prepared according to classical method of preparation of Niruha Basti. [26] First Makshika is added as it is Mangalakaraka, Saindhava further does the Bhedana of Picchilata, Bahulatva and Kashayatva of Madhu, next Sneha added to bring the Ekibhavayakalpate, Kalka which quickly disperses and mixes, Erandamoolakashaya does the mixture homogenous, lastly Mamsa Rasa is added which increases the action and potency of Basti. This

solution is filtered and made lukewarm by keeping over water bath.

Time of administration

Yutarathabasti is a type of Madhutailikbasti and it comes under the category of Niruhabasti i.e. "Madhyahne Kinchidavarthe" can be adopted here also.^[27] Hence Niruhabasti is given at morning time when patient does not feel much hunger. Even the same implies to Yuktarathabasti.

Specialities of Yuktarathabasti

Yuktarathabasti is a special kind of Basti in which there is no restriction for travelling regarding riding on Ratha or on horse or elephant after the administration of Basti. These characteristics of Yuktarathabasti make it applicable even to outpatients without hospitalization. It is a type of Madhutailikbasti and has synonyms like Yuktaratha, Siddha and Yapanbasti. Ιt Erandamoolakwatha, Tilataila, Madhu, Saindhava, Vacha, Pippali, Yasthimadhu and Madhanaphala are Kaphavatashamaka property. Yuktarathabasti may act on both the Vata and Kaphadoshas. It can be given in Padenhinaprasuta i.e 9 Prasut. It is Mrudu kind Basti inspite of Niruha as it contains Mansarasa so acts as Niruha and Yapanabasti both. Acharya Vagbhata mentioned the properties like it enhance the Deepana, Pachana and has Kati-Jangha-Prushtha-Uru-Trika-Pada Shoolahara. It can be used in Vatvyadhis also.

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