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REVIEW ARTICLE

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### Review of method of preparation of Dhoomvarti

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### ABSTRACT

The Importance of Ayurveda in global scenario is because of its holistic approach towards positive life style. It consists of internal as well as external medicine. Dhoompana has significant role in Urdhwa Jatrugat Rogas, respiratory conditions and post operative procedure (Paschat Karma of Samsodhana).[1] Acharya's have described various types of internal medications in the form of Kashaya, Choorna etc; along with various Nasya and Dhoompana Yoga. Classics explain the different types of Dhoomvarti and their method of preparation. Sirovairechanik Dhoomvarti is one type of Dhoomvarti which have preventive, promotive and curative aspect, frequently given in the form of Post operative procedure (Vamana and Nasya Karma) of Panchakarma. Shirovirechanadi Dravyas mentioned in Charak Samhita Sutrasthana was used for the preparation of Dhoomvarti with bamboo as base. [2] Observations were noted during preparation and burning of the *Dhoomvarti*.

Key words: Dhoompana, Shirovairechanik Dhoomvarti

#### **INTRODUCTION**

Dhoompana is a procedure which can be used as not only to prevent disease but also to cure different types of disease.

Different types of *Dhoompana* are mentioned in Ayurvedic classics, Dhoomvarti made with specific drugs according to the need of action. The systemic disease, Swasa, Arochaka and disease of Kapha-Vata dominancy, Dhoompana is an effective procedure in this regard Shirovirachanik Dravyas mentioned by Acharya Charak on Sutrasthana has been selected for

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the preparation of Dhoomavarti.

The classification of *Dhoompana* according to different Acharya's is as follows:

**Table 1: Classification** 

Charak <sup>[3]</sup>	Sushruta <sup>[4]</sup>	Astanga Hrudaya <sup>[5]</sup>	Astanga Sangraha <sup>[6]</sup>
Prayogika	Prayogika	Snigdha	Samanam
Vairechanika	Vairechanika	Madhyamam	Brimhanam
Snaihika	Snaihika	Teekshanam	Sodhanam
	Kaasaghna		Vamaka
	Vaamaniya		Vranagna

Shirovairechanik Dhoompana can be used as a part of Dincharya or as a Paschat Karma of Panchakarma procedure. [7] Acharya's explains Shirovairechanika. Dhoompana is used in Gaurava (heaviness in head), Shirashula (headache), Pinasa and Ardhawvedhak (hemicrania), Krumi, *Apasmara* (epilepsy),

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Ghrananasa, Murcha (syncope). [8] It is advised to use maximum 3 to 4 times in a day. As per Ayurveda Shirovirachanika Dhoompana has much importance in one's life. Shirovairechanik Dhoomvarti can be promoted for general practice but it is not widely practiced by the clinicians. Hence, we considered a Shirovirachanika Dhoom Yoga for the preparation. Astang Sangrah and Sushruta Samhita gives detailed explanation of method of preparation of Dhoomvarti, still there is difference of opinion between them considering all these aspects an attempt is made to standardize the preparation of Sirovairechanik Dhoomvarti.

#### MATERIALS AND METHODS

Shirovirachana Dravya except Kustha, Shigru, Ajgandha, Harenu mentioned in Charak Samhita Sutrasthana was selected. Powder of all these drugs were taken and these were made into paste. Detailed method of preparation of Dhoomvarti is explained in Astang Sangraha and Sushruta Samhita. Sushruta Samhita clearly narrates Dwadasangula Sarkandam (12A length) for the preparation. Comparing this with other books this Sarkandam was decided as bamboo stick. Thickness of Dhoomvarti is said as Anguli Parinaham (thumb circumference) by all Acharyas. Acharya Videha explains Sarkandam should be covered with 6 Angula length of medicine paste.

#### **Method of preparation**

Selected bamboo sticks with smooth surface average thickness and less number of nodes were kept overnight in water and *Goghrita* is to be applied all over on all the sticks. Then the medicine was pasted over bamboo stick like *Yava Akara* (elongated with tapering ends) and dried in shadow and was repeated for five times. After drying of 5<sup>th</sup> layer, Bamboo stick was carefully removed. Each sample were labelled separately.

Based on their site of application and action. They are of different types, like *Yoni Varti, Guda Varti, Netra Varti,* and *Vrana Varti*. These are mainly meant for external use and designed to soft end at body temperature.

Table 2: Details of drugs for *Dhoomvarti* 

SN	Sanskrit Name	Botanical Name	Family	Part use
1.	Apamarga	Achyranthes aspera	Amaranthacea e	Tandul a
2.	Pipali	Piper Iongum	Piperaceae	Phala
3.	Maricha	Piper nigrum	Piperaceae	Phala
4.	Sunthi	Zingiber officinale	Zingiberaceae	Rhizom e
5.	Sarsapa	Brassica juncea	Cruciferae	Seed
6.	Haridra	Curcuma longa	zingiberaceae	Rhizom e
7.	Haritaki	Terminalia chebula	Combretaceae	Phala
8.	Jyotishmati	Celastrus panneculatu s	Celastraceae	Вееја
9.	Vacha	Acorus calamus	Araceae	Moola
10.	Jatamansi	Nardostachy s jatamansi	Valerianaceae	Moola
11.	Saindhava Lavana	Rock salt	-	-
12.	Nimba	Azadirechta indica	Meliaceae	Patra
13.	Twak	Cinnamomu m verum	Lauraceae	Stem bark
14.	Madanaph ala	Randia spinosa	Rubiaceae	Phala
15.	Sarkara	Saccharum officinarum	Poaceae	-
16.	Souvarchal a Lavana	Black salt	-	-

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17.	Ela	Elettaria cardamomu m	Zingiberaceae	Beeja
18.	Ajaji	Cuminum cyminum	Umbelliferae	Вееја



Fig. 1: Collected drugs



Fig. 2: Bamboo sticks kept overnight in water



Fig. 3: Preparation of Varti



Fig. 4: Varti kept in shade



Fig. 5: Varti after removal of bamboo stick

#### **OBSERVATION**

In Samhita so many Varti preparation has been told by Acharyas. During the preparation, same methods were followed. After coating Dhoomvarti we observed that breakdown of Dhoomvarti occurred, so we mixed the Sarkara (Powder form) as binding agent, mentioned under Prayogika Dhoompana by Charak Samhita Sutrasthana. No major difference/ difficulty were noted to remove the Bamboo stick after drying in any of the samples.

**Table 3: Organoleptic characters** 

SN	Organoleptic test	Results
1.	Appearance	Hollow pipe
2.	Colour	Greenish brown
3.	Touch	Rough

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4. Smell Aromatic

#### **DISCUSSION**

Varti Kalpana was in vogue since prehistoric period. Contemporary suppositories are a slight modification of this ancient formulation. During ancient times, the drugs from which the Varti was to be composed were powdered. For making Dhoomavarti cleaned and dried medicine in the form of powder is collected in the vessel. Added water is small quantity as per need for proper binding of the varti, added Sarkara Churna in little amount. Selected bamboo sticks were kept overnight into the water. Removed them in the morning and applied paste of medicines on those bamboo sticks keeping the thickness thick in the middle and thin at the edges, about 6 Angula of the length. Then dried in the shades, after drying carefully take out those bamboo stick.

These thumb sized *Vartis* which the bamboo stick has been removed, when ignited with *Ghrita*, were seen smell of *Ghrita* at the beginning after that these was a trend of white smoke without interruption.

#### **CONCLUSION**

In current scenario even though there are many *Dhoomavartis*, the choice of preparation is only *Shiravairechanik Dhoomavarti*. So, it can be concluded that *Ayurveda* has wide information of *Varti* regarding it's type, use, size, action and method of preparation. This review can be developed to follow common form for the preparation and use of *Shirovirachanika Dhoomvarti*. It also reveals that there is wide area of application of *Shirovirachanika Dhoomvarti* in clinical field.

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