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LITERATURE REVIEW OF IMPORATNCE OF DHOOPKALPADHYA IN KASHYAPASAMHITA

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ABSTRACT

Ayurveda is said to be science of life. In ayurveda preventive measures had its own importance; *Dhoopan* (fumigation) is one of the parts of preventive measures. *Dhoopan karma* is used to create aseptic environment by killing microorganisms and thus has importance to prevent infection. Ayurveda describes *Dhoopan* under *bahiparimarjan chikitsa* so *dhoopna* of *kumaragar* (pediatric ward), *sutikagar* (labour room) etc, *Dhoopan* is described in all *Samhitas* in scattered form but *Acharya Kashyapa* describes *Dhoopan* in detail in *Dhoopkalpadhya* of *Kalpasthan* in *Kashyapa Samhita*. In *Dhoopkalpadhya*, *Acharya Kashyapa* explains all *Dhoopan yogas* with their special effect. *Acharya Kashyapa* explained various *Dhoopan yogas*, in which different materials were used in different diseases, these materials were easily available in present era so broad spectrum *Dhoopan yogas* studied from *Samhitas* which can be easily used in these days for infection control.

KEYWORDS: *Dhoopan, Kashypa Samhita, Dhoopkalpaadhya,* Fumigation.

INTRODUCTION

Environment around us contains billions of microorganisms, the most common organisms isolated was staphylococcus aureus (37.22%), followed by klebsiella pneumonia (27.01 %), and Escherichia coli (19.70 %) in neonates and children. Maximum of them lives in human body with compensation, and are not harmful, or are opportunistic. Which may prove dangerous in immune-compromised hosts and children, potential harmful bacteria like gram positive cocci, staphylococcus aureus living in nostrils of 30% population. [1] so disinfection or fumigation has its own importance to control infection.

Ayurveda deals with the preventive and curative aspect of disease or infection hence principles of fumigation was previously explained in ancient ayurvedic classics but *Acharya Kashyapa* explained a separate chapter in *Kashyapa Samhita* on fumigation called as *Dhoopkalpadhya*.

Dhoopkalpadhya is a real contribution of Acharya Kashyapa in the field of infection control through ayurveda. By keeping these objectives we set a review of various Dhoopan dravyas of Dhoopkalpadhya and its importance in present scenario.

MATERIAL AND METHODS

The information is collected from various *Ayurvedic Samhitas*, Ayurvedic text's, different textbooks of Paediatrics, articles and published research papers, journals, medical websites etc.

COLLECTION OF DHOOPAN DRAVYAS

Dhoopa is defined as medicinal substances or mixture of medicinal substances which is burnt in a specific way to make a smoke. According to Acharya Kashaypa Collection of Dhoopa dravyas should be done by Vaidya (Clinician) himself.

The collection of *dravyas* should be done from Uttar (North) Or *Agneya* (south – east) direction, on *Pushya Nakshyatra* then it should be stored at safe place and used as per requirement.^[4] Various Herbs or medicinal substances are collected in their best state.

TYPES OF DHOOPA

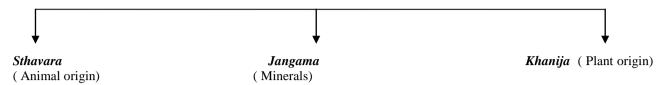
There are three types of *Dhoopa*^[5]

- 1. Dhoopa
- 2. Anu Dhoopa
- 3. Prati Dhoopa

SOURCES OF *DHOOPA* According to *Acharya Kashyapa*, main source of *Dhoopa* is *Agni*^[6] according to

origin of the substances it can again be of 3 types

SOURCES OF DHOOPA



- **1.** *Sthavara* (Plant origin) :- *Vidanga, Nimba, Guggule, Vacha, Sarshapa* etc. [7]
- **2.** *Jangama* (Animal origin) :- *Ghrita*, *Honey*, *Hairs*, *Horn*, etc
- 3. Khanija (Minerals):- Manashila, Hartal etc.

Various Dhoopan Yogas Described In Dhoopakalpadhya of Kashypa samhita.

Name of <i>Dhoopa</i>	Dhoopan Dravyas	Indication
	Ghrita, Sarjaras (Vateria indica), Bhallatak	-
1.Kumar Dhoopa	(Semecarpus anacardium) "Sauviranjan, Shileyak(Parmelia perlata), Haridra (Curcuma longa), Daruharidra (Berberis aristata), Laksha (Encrustations of lac Insect –Laccifera lacta), Ushir (Vetiveria zizaniodes), Sarshap (Brassica alba), Arjak Puspa (flower of Ocimum sanctum), Vidanga (Embelia ribes), Tagar (Veleriana wallichii), Tamalpatra (Cinnamomum tamala), Vacha (Acorus calamus), Hingu (Ferula foetida), Netrabala (coleus vettiveroides). [8]	Proper growth and development of children
2. Grahapaha Dhoopa	Ghrita, Sarpa Nirmok (shed skin of snake), Grudhra vit (feces of vulture), Kaushik vit (feces of owl), Vacha (Acorus calamus), Hingu (Ferula foetida). ^[9]	For treatment of <i>Graharoga</i> and Epilepsy.
3.Maheshwar Dhoopa	Ghrita, Guggul (Commiphora mukul), Bilva (Aegle marmelos), Devdaru (Cederus deodara), Nameru, Yav (Hordeum vulgare). [10]	Used in Graharogas
4.Agneya Dhoopa	Ghrita, Gobala (Cows hair) (11)	Specially useful in all diseases
5.Bhadrankar Dhoopa	Ghrita , Haya Bala (horse hair), Khara bala (Donkeys hair), Ushtra bala (Camels hair), Rushabhak, Chatushpada Nakha (Nails of animals with four limbs) ^[12]	Diseases of Kapha doshas and diseases of unknown origin.
6.Rakshoghna Dhoopa	Ghrita, Siddharthak(Brassica alba), Hinga (Ferula foetida), DevNirmalya (flowers or herbs offered to God), Akshata (unbroken rice), Sarpa tvak (shed skin of snake), Bhikshu sanghati (saffron color cotton cloth) ^[13]	Used for Protection
7. Uttam Dhoopa	Ghrita, Siddharthak ((Brassica alba), Madhu (Honey), Bheda Shrunga (horns of aries), Ajapaya (milk of goat), Khara Mutra (urine of donkey), Khara Bala (donkey's hair), Soma(camphor) ^[14]	Protection against negative, bad, unknown energies
8. Dashanga Dhoopa	Ghrita, Siddharthak (Brassica alba), Kushtha (Sassurea lappa), Bhallatak (Semecarpus anacardium), Vacha (Acorus calamus), Basta loma (body hair of male goat), Tagar (Veleriana wallichii), Bhurjapatra (Betua utisis), Guggul (Commiphora mukul) ^[15]	Useful in all diseases Specially in Epilepsy, <i>Graha Rogas</i> and <i>Upagraha Rogas</i>
9. Moha Dhoopa	Ghrita, Siddharthak (Brassica alba), Chorak (Angelica galuca), Guggul (Commiphora	Useful for to get one attractive

www.ejpmr.com Vol 8, Issue 4, 2021. ISO 9001:2015 Certified Journal 65	www.ejpmr.com	Vol 8, Issue 4, 2021.	ISO 9001:2015 Certified Journal	650
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	mukul), Varahi kanda (Dioscorea bulbifera),		
10.Varun Dhoopa	Jatamansi (Nardostachys jatamansi). [16] Shreeveshtak (Pinus roxburghii), Laksha (Encrustations of lac insect-Laccifera lacta), Padmak (Prunus cerasoides), Chandan(Santalum album), Devadaru (Cedrus deodara), Tulasi (Ocimum sanctum), Shal (Shorea robusta). [17]	Beneficial during summer season, and also in seizure of Shakuni, Pundarika, Revati and in aggravation of Shlesma (Kapha).	
11. Chaturagnik Dhoopa	Ghrita, Majja, Vasa, Laksha (Encrustations of lac insect-Laccifera lacta). [18]	Used in Children having less vitiation of <i>Doshas</i> , in emaciated person, in child and <i>Graharogas</i>	
12. Karna Dhoopa	Ghrita, Pippali (Piper longum), Brihi Tusha (rice husk), Kapiloma (body hair of monkey), Kapitvacha (monkey skin), Vacha (Acorus calamus), Sarshap (Brassica alba), Kushtha (Saussurea lappa), Ela (Elettaria cardamomum). [19]	Useful in all Graha Rogas.	
13. Shree Dhoopa	Ghrita, Sarpa tvak (shed skin of snake), Bilva (Aegle marmelos), Sara, Siddharthak (Brassica alba), Laksha (Encrustations of lac insect - Laccifera lacta). [20]	Brings Prosperity.	
14. Grahagna Dhoopa	Shva vit (feces of dog), Shva mutra (urine of dog), Mayur loma (peacock feathers), Vacha (Acorus calamus), Ghrita, Sarshap (Brassica alba). [21]	Useful in all <i>Graha Rogas</i> .	
15. Punya Dhoopa	Ghrita, Kunjar danta (elephant tusk), Aja tanuja (body hair of goat), MeshaTanuja (body hair of aries), Goshrunga (cow horns). [22]	Considered to be auspicious.	
16. Shishuk Dhoopa	Ghrita, Granthaparni (Leonotis nepetaefolia), Jatamansi (Nardostachy jatamansi), Tagar (Veleriana wallichii), Jalamusta, Hrivera (Coleus vettiveroides), Shatapushpa(Anethus sowa),Hartal (yellow orpiment), Manashila (Realgar), Musta (Cyperus rotundus), Ela (Elettaria cardamomum).	All the diseases and <i>Grahas</i> . This should be used in the form of principal, associated and subsequent fumigation	
17. Bramha Dhoopa	Ghrita, Siddharthak ((Brassica alba), Laja (puffed rice), Kusha (Desmostachya bipinnata), Brahmi (Herpestes monniera). [24] Useful in all Graha Rogas.		
18. Sarvarog Shasya Dhoopa	Ghrita, Padmak (Prunus cerasoides), Ushir (Vetiveria zizaniodes), Netrabala (Coleus vettiveroides), Nagakeshar (Mesua ferrea), Sarjaras (Vateria indica). [25]	Useful in all Diseases.	
19. Mahoday Dhoopa	Ghrita, Vanar loma (body hair of monkey), Kukkutanda (hen egg), Vacha (Acorus calamus), Siddharthak (Brassica alba). [26]	Useful in all Diseases.	
20. Arista Dhoopa	Ghrita, Nimba (Azadirachta indica) – Patra, Mool, Pushpa, Phal, Tvak ^{[2])}	Useful in all Diseases.	
25. Sarva Rogaha Dhoopa	Ghrita, Nimba (Azadirachta indica), Tulasi patra (Ocimum sanctum), Ashvaghna patra (Nerium indicum), Go Bala (cow hair), Mesha Bala (aries hair), Basta Bal (goat hair). [28]		
26. Gana Dhoopa	Ghrita, Akshata (unbroken rice), Jati Pushpa (Jasminum grandiflorum), Madhu (Honey), Siddharthak (Brassica alba), Vacha (Acorus calamus) ^[29]	All diseases originating from Negative energy	
27. Grahanashan Dhoopa	Ghrita, Guggul(Commiphora mukul) ^[30]	Useful in all Graha Rogas.	
28. Grahanashan Dhoopa	Ghrita, Devadaru(Cedrus deodara). Useful in all Graha Rogas		
29. Grahanashan Dhoopa	Ghrita, Krushna Agaru (Aquilaria agallocha) ^[32]	Useful in all Graha Rogas.	
30. Grahanashan Dhoopa	Ghrita,Sarshap (Brassica alba) ^[33]	Useful in all <i>Graha Rogas</i> .	

www.ejpmr.com | Vol 8, Issue 4, 2021. | ISO 9001:2015 Certified Journal | 651

	Ghrita, Kusha (Desmostachya bipinnata), Kasha			
	(Saccharum	spontaneum),	Shara	
31. Grahanashan Dhoopa	(Ceratophyllum	submersum),	Darbha	Useful in all <i>Graha Rogas</i> .
	(Eragrostis cynosi	uroides),	Ikshu	
(Saccharum officinarum). [34]				

Most Commonly used Dhoopan Dravyas in Dhoopakalpadhya in Kashyap Samhita.

Dhoopan Dravyas	Frequrency of Utilization
1.Ghrita	32
2. Sarshap (Brassica alba).	16
3.Vacha (Acorus calamus)	11
4.Laksha (Laccifer lacca)	6
5.Hingu (Ferula narthex),	
Nimba (Azadirachta indica),	4
Gugglu (Commiphora mukul),	4
Akshata (Oryza sativa Linn.),	

DISCUSSION

A review of the *dhoopan yogas* mentioned *in Dhoopkalpadhya of Kashyap Samhita* shows that substances like *Ghrita*, *Guggul*, *Laksha*, *Vacha*, *Sarshap*, *Laksha*, *Nimba*, *Haridra*, *Daruharidra* are commonly used. Out of All *dhoopan dravyas*, *Ghrita* is the common dravya, it helps in rapid combustion of cellulose of hurbs and keep fire alight. All the dravyas used for dhoopan had properties of antiseptic, anti-infflamatory etc and widely used for *Dhoopan* in ayurvedic samhitas *Dhoopkalpadhya* is a real contribution of *Acharya Kashyapa* in the field of infection control through ayurveda. *Acharya kashyapa* explained various types of *dhoopan yogas* in *Dhoopakalpadhya* that can easily be useful in these days.

Now in present era Increasing low immunity in children as well as adults is one of the major causes of various diseases. Hence *Dhoopana chikitsa* has a capability of purification as well as sanitization and is very easy to use, it can have a great scope to reverse the adverse effects of modern life style.

CONCLUSION

Dhoopan in Ayurveda is not only for disinfecting and purifying, but also as a remedy to treat various ailments and to prevent the diseases. A real importance to the dhoopan chikitsa was given by Acharya Kashyapa, also explained collection of dhoopan dravyas, sources of dhoopan dravyas, types of dhoopan, and various dhoopan yogas in dhoopakalpadhyaya. Acharya Kashyapa focused on this thing and explained various Dhoopan Yogas in Dhoopakalpadhya which can easily be used now a day also. And hence Dhoopakalpadhya is a real contribution of Acharya Kashyapa in the field of infection control through Dhoopan Chikitsaa.

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