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THE CONCEPTUAL STUDY ON CONTRIBUTION OF KASAHARA MAHA-KASHAYA DRAVYA IN KASA VYADHI

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ABSTRACT

Kasa is a pathological condition in which *pranavaha strotasa dushti* occurs. It can be developed as a separate *Vyadhi Lakshana* or *updrava*. For therapeutic guidance, 50 *Mahakshaya* has been described by *Acharya Charaka*. *Kasahara Mahakshaya* is one of these 50 *Mahakashaya*. This study will discuss the *Guna* and *Karma* of these *Kasahara Kashaya Dravya*. It will also focus on the contribution of these *Dravya* in *kasa chikitsa*, described in brihatrayee.

Keywords: Kasa, Kasahara, Kasahara_- Mahakashaya, Kashaya, Mahakashaya, Pippali.

INTRODUCTION

Ayurveda is the most ancient healing science. Its prime aim is maintaining the health of healthy people and treating diseases. *Ayurveda* heals disease with the help of knowledge given in *brihatrayee*. *Mahakshaya*

is one of the essential concepts that guide *Vaidya* in choosing the proper *Dravya* for treatment. *Acharya Charaka* classified ten *Dravya* with the same *karma*. He described 500 *drugs* helpful in making *Kashaya*

and organised them into 50 groups, each containing 10 *drugs*. The topics described in *Mahakshaya* are helpful for every *Vaidya* with limited intelligence. Based on this foundation, intelligent, self-disciplined, and reasoning-capable individuals also gain knowledge of unexplained issues. In other words, explaining unexplained subjects is meant for the wise. *Kasahara Mahakshaya* is the 36th *Mahakshaya* among 50 *Mahakshayas*.

Acharya Sushruta has classified Substances into Saptatrishanta Gana, where the pharmacological action of each gana has also been described. The Guna karmas of Dravya are explained separately in Sutra Sthana of Sushruta Samhita. While discussing the treatment of Kasa, Acharya Sushruta has given equal importance to the Kasahara Mahakshaya Dravya mentioned by Acharya Charaka. Nighantus provided information regarding the Dravya, a traditional and correct identification of Dravya based on morphology and action. (2) *Kasa* is one of the most prevalent health conditions affecting daily work badly. *Kasa* may be developed as an independent disease or as a *lakshana* or *upadrava* associated with other diseases. *Kasa* is *praanavaha strotas vyadhi*, in which the *kapha dosha* obstruct the flow of *pranavayu*, so the agitated *prana vayu and udan vayu* create *kasa*.

Literature-

The Drugs in Kasahara Mahakashaya: -

''द्राक्षाभयामलकपिप्पलीदुरालभाश्वङ्गीकण्टकरिकावृश्चीर पूनर्नवातामलक्य इति दशेमानि कासहराणि भवन्ति'' (च.स्.४/३६)

Draksha, Abhaya, Amalaka, Pippali, Duralabha, Shringi, Kantakari, Visscher, Punarnava, and Tamalaki, these 10 drugs are included in *Kasahara Mahakashya*. (1)

The following table gives information about each Dravya of Kasahara *Mahakashaya*.

S.N .	DRAVYAS	RASA	GUNA	VIRYA	VIPAKA	DOSHA-
						KARMA
1.	Draksha	Madhura,	Guru, Snigdha,	Sheeta	Madhura	Vata -Pitta
		Kashaya, Amla	Mridu			Shamak
2.	Abhaya	Madhura, Amla,	Laghu, Ruksha	Ushna	Madhura	Tridosha Shamak
		Katu, Kashaya				
3.	Amalaki	Madhura, Amla,	Laghu, Ruksha	Sheeta	Madhura	Tridosha Shamak
		Katu,				
		Tikta, Kashaya				
4.	Pippali	Katu, Tikta	Snigdha, Teekshna,	Anushn,	Madhura	Kapha- vata
			Natisnigdha, Laghu,	Natiushn,		Shamak
			Ushna	Atiushna		
5.	Duralabha	Madhura, Amla,	Laghu,	Sheeta	Madhura	Vata-Pitta
		Katu, Tikta, Kashaya	Sara			Shamak
6.	Shringi	Kashaya,	Guru	Ushna	Katu	Kapha- vata
		Tikta				Shamak
7.	Kantakari	Katu, Tikta	Laghu,	Ushna	Katu	Kapha- vata
			Sara Ruksha, Ushna			Shamak
8.	Vrishchir	Madhura, Ka-	Sara,	Ushna	Katu	Tridosha Shamak
		tu,Tikta, Kashaya	Ruksha			
9.	Punarnava	Madhura, Tikta,	Laghu, Ruksha,	Ushna	Madhur,	Tridosha Shamak
		Kashaya	Ushna		Katu	
10.	Tamalaki	Madhura, Amla,	Laghu,	Sheeta	Madhura	Kapha –Pitta,
		Tikta, Kashaya	Sheeta			Shamak

Table 1: Showing Rasa, Guna, Virya, Vipaka and dosha karama of Kasahara Mahakashaya dravyas.

Name	Latin name	Family	Part used	Pharmacological	Chemical composi-
Draksha	Vitis Vi- nifera Linn.	VITACEAE	Fruit.	Actions Antioxidant, Antibacterial, anti-histaminic, Anti- inflammatory.	tion Flavonoids viz, quercetin, rutin, kaempferol, and luteolin. phenolic acids and β- sitosterol.
Abhaya	Terminalia chebula Retz.	COMBRETACEAE	Fruit rind, tender fruits.	Anti-asthmatic, mast cell stabilizer, immunomodu- latory, antibacterial, Anti-tussive	Tannins, gallic acid, chebulagic acid
Amalaki	Emblica officinalis	EUPHORBIACEAE	Fruit pulp/fruit rind	Anti-inflammatory, anti- oxidant, immunomodu- late- tory, antitussive, anti- microbial, Anti- asthmatic.	Tannins, alkaloids, phenomenon acids, carbohy- drates, vitamin C, Ethylgallic acids.
Pippali	Piper longum Linn.	PIPERACEAE	Fruit and root.	Antimicrobial, antiasth- matic, anti-inflammatory, immuno- modulatory, mast cell stabiliser and Broncho- lator, anti-histaminic, anti-tubercular	Saponins, alkaloids, amino acids
Duralabha	Fagonia Cretica Linn.	ZYGOPHYLLACEAE	Whole plant, Ya- va Sarkara	Antioxidant, analgesic, anti-inflammatory, anti- allergic, anti-microbial.	Saponins, alkaloids, aminoacyls
Shringi	Pistacia integerrima Stewart exBrandis	ANACARDIACEAE	Galls	Analgesic, antiinflamma- tory, antioxidant, antimi- crobial, anti-histaminic, expecto- rant.	Alkaloids, flavo- noids, tannins, sapo- nins, sterols, and essential oils.
Kantakari	Solanum xantho- carpum Schard &Wendl.	SOLANACEAE	Whole plant, root, fruit.	Antioxidant, anti- asthmatic, anti-histaminic, expecto- rant mast cell stabilizer.	Inorganic nitrate. Carp sterol, solamargine, solanocarpine, solasonine
Vrishchir	Boerhaavia vertic- illata Poir.	NYCTAGINACEAE	The whole plant, root, leaf.	1.2	
Punarnava	Boerhaavia diffusa Linn.	NYCTAGINACEAE	Whole plant, root, leaf	Immunomodulatory, anti-inflammatory, ex- pectorant	Flavonoids, boeravi- none, punarnavine, boeravinone, alka- loids.
Tamalaki	Phyllanthus niruri	EUPHORBIACEAE	Whole plant,	Anti-inflammatory, anti- oxidant,	Niruriside, lignans, phyllanthin,

Table 2 – Showing Pharmacological Actions and Chemical Composition of Kasahara Mahakashaya

Hook f.	root.	anti-microbial, Immune modulatory, anti- asthmatic,	hypophyllanthi, flavonoids, tannins, alkaloids.
		anti-pyreticanti-	
		spasmodic.	

Samprapti of Kasa:

Etiological factor

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Kapha gets aggravated due to Various etiological factors.

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It obstructs the movement of vata in the ura, leading to aggravation of Prana & udana vata.

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As a result, vata moves upwards, afflicts the channels of circulation in the upper part of the body & gets lodged in

the throat & chest.

Giving rise to *kasa*, which may be dry or have sputum.

Contribution of Dravya's of Kasahara Maha Kashaya in different kalpas of kasa in bruhattrayee:

Dravya	Acharya	Kalpa		
Draksha	Charaka	Kasaardadi ghruta, Duralabhadi leha, Chitrakadi leha,		
		Kasahara peya, Pippalyadi leha, Jivantyadi leha,		
		Drakshyadi leha.		
	Sushruta	Lehartha & Panartha		
	Vagbhata	Vidaryadi ghruta, Duralabhadi leha, Madhukadi churna		
		Eladi gutika, Punarnavadi churna, Amrutprasha ghruta,		
		Samasaktu-madhukadi ghruta		
Abhaya	Charaka	Tryushanadya ghruta, Prapaundarakadi dhumpana,		
		Nagaradi yoga, Haritaki avleha, Padmakadi leha,		
		Jivantyadi leha		
	Sushruta	Kalyanaka guda, Agastya avleha		
	Vagbhata	Vidaryadi ghruta, Agastya haritaki rasayana, vasishtha haritaki,		
		Chavyakadi ghruta, Kasamardadi ghruta, Haritaki leha,		
		Pathyadi gutika		
Amalaki	Charaka	Tryushanadya ghruta, Padmakadi leha, Jivantyadi leha,		
	Sushruta	Kalynaka guda		
	Vagbhata	Vidaryadi ghruta, Amalaki churna, Dhatriphaladi ghruta,		
		Chavyakadi ghruta		
Pippali	Charaka	Pippalyadi ghruta, Tryushanadi ghruta, Kasamardadi ghruta,		
		Vidangadi ghruta, dusparshadi leha, Vidangadi leha,		
		Chitrakadi leha, Agastya haritaki leha, Kasahara peya,		
		Pathadi ghruta, Pippalyadi ghruta, Dwipanchmuladi ghruta,		
		Guduchyadi ghruta, Haritaki avleha, Drakshadi leha,		
		Jivantyadi leha		
	Sushruta	Pippalyadi leha		
	Vagbhata	Ksharadi ghruta, Vidaryadi ghruta, Vidangadi leha,		

		Dusparshadi leha, Pippali-shunthi leha, Yavanyadi peya,
		Dashmuladi peya, Mrudwikadi leha, Pippalyadi kshira,
		Pippalyadi leha, Pippali-Nagaradi leha, Dadimadya churna,
		Dipyadi kwatha, Pippalyadi kwatha, Dashmula ghruta.
		Vidang ghruta, Kantakari ghruta, Vyaghri leha,
		Pippali rasayana, Madhukadi churna, Eladi gutika,
		Yashtimadhinagabaladi ghruta, Amrutprasha ghruta,
		Madhukadi ghruta, Kushmandaka rasayana,
		Agastya haritaki rasayana, Vasishth haritaki,
		Chavyakadi ghruta, Kasamardadi ghruta,
		Pippaligudasiddha ghruta, Haritaki leha, Tryushan churna leha,
		Erandapatrakshara leha, Samasharkara churna
Duralabha	Charaka	Duralabhadi leha
	Sushruta	-
	Vagbhata	Duralabhadi leha, Devdarvyadi leha, Kantakari ghruta,
Shringi	Charaka	-
	Sushruta	Panartha & Lehartha
	Vagbhata	Dusparshadi leha, Duralabhadi leha, Devdarvyadi leha,
	U	Laja-sitopaladi leha, Vyaghri leha, Karkatakyadi ghruta,
		Chavyadi ghruta
Kantakari	Charaka	Kantakari ghruta, Pippalyadi ghruta, Rasna ghruta,
		Agastya haritaki avleha, Kasahara peya, Sharkaradi yoga,
		Dashmuladi ghruta, Dwipanchmuladi ghruta
	Sushruta	Agastya avleha
	Vagbhata	Guduchyadi ghruta, Ksharadi ghruta, Rasnadi ghruta, Vyaghri leha,
		Amrutprasha ghruta, Vasishta ghruta, Chavyakadi ghruta,
		Vrushadi ghruta, Dashmuladi peya, Dashmula ghruta,
		Kantakari ghruta, Agastya haritaki, Mudgayusha
Vrushchira	Charaka	-
	Sushruta	-
	Vagbhata	Kantakari ghruta
Punarnava	Charaka	Jivantyadi leha
	Sushruta	-
	Vagbhata	Punarnavadi ghruta, Punarnavadi churna, Amrutprasha ghruta,
		Nagabala sarpi
Tamalaki	Charaka	Tryushanadya ghruta, Jivantyadi leha
	Sushruta	-
	Vagbhata	Vidaryadi ghruta, Kantakari ghruta, Nyagrodhadi shrutakshira
		Amrutprasha ghruta
		due to high loyals of flowenside (guessetin mytin

DISCUSSION

Effect of Draksha on Kasa:

Draksha has the properties of *Madhura Rasa*, *Snigdha*, *Guru*, *Madhura Vipaka*, and *Vatapittahara*. It is beneficial in *Vata-pradhana Kaphaja Kasa* and acts as a *Rasayana*. Its anti-inflammatory activity is

due to high levels of flavonoids (quercetin, rutin, kaempferol, luteolin), phenolic acids, and β -sitosterol, all known for their anti-inflammatory effects. Its antioxidant activity is attributed to phenolic acids and flavonoids.

Effect of Abhaya on Kasa:

Abhaya has the properties of *Madhura, Amla, Katu, Kashaya Rasa, Laghu, Ruksha Guna, Ushna Virya, Madhura Vipaka,* and *Tridosha Shamaka.* Known as 'Pathya,' it clears obstructions in the body's channels. Recent studies show that its ethyl acetate and methanolic extracts have significant antitussive activity. Traditionally, Abhaya is used to treat cough and respiratory disorders.

Effect of Amalaki on Kasa:

Amalaki has Amla Pradhana, Pancha Rasa, Guru, Ruksha Guna, Sheeta Virya, Madhura Vipaka, and Tridoshahara and Rasayana. Its dry extract shows antitussive activity through antispasmodic antioxidant effects and mucus secretion regulation in the airways.

Effect of Pippali on Kasa:

Pippali, with *Katu Rasa, Laghu*, and *Tikshna Guna*, alleviates *Kapha Dosha* by opposing *Madhura* and *Guru* properties. Tikshna Guna helps break up *Kapha and* blocks the Srotas. Piperine, the main compound in Pippali, has anti-inflammatory effects and is effective against gram-negative and gram-positive bacteria.

Effect of Duralabha on Kasa:

Duralabha has *Madhura Rasa*, dominated by *Prithvi* and *Jala Mahabhuta*, which alleviates *Vata* and Pitta due to its *Brimhana*, *Balya*, *Snigdha*, *Sheeta*, and *Guru Guna*. It also contains *Katu Rasa*, composed of *Vayu* and *Agni Mahabhuta*, which decreases *Kapha*. Its Tikta Rasa alleviates *Pitta-Kapha*, and *Kashaya Rasa* relieves *Pitta-Kapha* due to *Prithvi-Vayu Mahabhuta*, making it useful for all types of *Kasa*. *Duralabha* is an antioxidant, anti-inflammatory, and antimicrobial, aiding cough relief caused by inflammation and bacterial infection in the respiratory tract.

Effect of Shringi on Kasa:

Shringi alleviates Pitta-Kapha with its tikta rasa and Laghu-Ruksha Guna. Guru Guna strengthens the body, while Ushna Virya promotes the elimination of Kapha, aiding expectoration and clearing channels. This corrects Vata and relieves the cough. Modern research has proven that Shringi is an antioxidant, anti-inflammatory, and antimicrobial. It inhibits in-

flammation, bacterial infection, and histamine effects, effectively treating allergic cough.

Effect of Kantakari on Kasa:

Kantakari has *Tikta* and *Katu Rasa*, *Ruksha* and *Laghu Guna*, *Ushna Virya*, and *Katu Vipaka*, so it helps in *agnidepana* for *kasa*. According to Acharya Vagbhatta, it is Kasa's preferred treatment. *Kantakari* powder is an antitussive that is effective in bronchial asthma and nonspecific coughs, while its root, due to its inorganic nitrate content, acts as an expectorant.

Effect of Vrishchir on Kasa:

Vrishchir has Katu Rasa, composed of Vayu and Agni Mahabhuta, which breaks down Kapha accumulation. Its Madhura Rasa strengthens the body. Tikta Rasa (Vayu and Aakasha Mahabhuta) alleviates Pitta-Kapha through Laghu-Ruksha Guna. It also has Kashaya Rasa (Prithvi-Vayu Mahabhuta), relieving Pitta-Kapha, making it useful for Vataj and Kaphaja Kasa.

Effect of Punarnava on Kasa:

Punarnava has *Ushna Virya*, which eliminates *Kapha*, promotes expectoration, clears channels, and corrects *Vata* vitiation. Its *Ruksha Guna* makes it *Kapha-hara*. It is immunomodulatory, regulating allergic responses and removing infections. As an expectorant, it promotes sputum secretion and treats cough.

Effect of Tamalaki on Kasa:

Tamalaki has Madhura <u>Vipaka</u>, promoting Dhatu formation. It contains Tikta Rasa (Vayu and Aakasha Mahabhuta), which alleviates Pitta-Kapha with Laghu-Ruksha Guna. Its Kashaya Rasa (Prithvi-Vayu Mahabhuta) also alleviates Pitta-Kapha, curing Pittaja and Kaphaja Kasa. Tamalaki has antimicrobial and anti-inflammatory properties and is used for respiratory infections.

In *Kasa vyadhi*, aggravated *kapha dosha* obstructs the *prakrut* (normal) flow of *vaayu*. So, the *prakrut gati* of *vaayu* is disturbed, producing *kasa*. So, for treating the *kasa*, *drvaya* having *kapha <u>vaat</u> shamak* properties are mostly chosen. *Pippali* is used in most of the *Kasahara kalpa*. *Vruschir Dravya* is the least used compared to the other nine *kasahara Dravya*.

CONCLUSION

The formulation of *Kasahara Mahakashaya* is designed to treat *Kasa* effectively, either as a single drug or in a combination of different pharmaceutical forms, depending on the individual's needs. It has been observed through classical literature and modern clinical studies that these ten drugs work together to enhance each other's effects, promoting better respiratory health and addressing the root causes of *Kasa*. Among the 10 drugs of *kasahara mahakashaya, pippali* is commonly included in various preparations used in *kasa chikitsa*.

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