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Research Article

ANALYTICAL STUDY OF KUSHTHAGHNA DRAVYAS ON THE BASIS OF RASADI PROPERTIES AND DOSHAGHANTA FROM BHAVPRAKASH NIGHANTU

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ABSTRACT

All the skin diseases in Ayurveda have been described under the heading of 'Kushta', which are further divided into Maha Kushta and Kshudra Kushta. Kushta is a chronic disease that has substantial psychological and social impact on a patient's life. However the treatment options available in contemporary system of medicine are not much satisfactory. Therefore by screening of Kushtaghna dravyas from Bhavprakash Nighantu can give effective solutions for Kushta Chikitsa. The literary screening concluded that there are about 98 dravya (Herbal and Metal) are recommended as Kushtaghna, but their specific action is not defined on the basis of their Rasapanchaka. A literary review of the rasa panchaka is done to assess their probable mode of action. Samprapti of Kushta shows tridosha dushti (Vata and Kapha pradhana) and dushya are twak, lasika, shonita and mamsa predominantly, so the line of the treatment should be ushna, tikshna, Vata Kapha Shamaka, Rakta Prasadana mainly. The present paper is about to enlist the Kushtaghna herbal and metal dravyas mentioned in Bhavprakash Nighantu with their Rasa, Veerya and Vipaka, Guna and karmas for critical analysis, to assess their specific type Kushtaghna property.

Keywords: Kushtaghna, Rasapanchaka, Bhavprakash Nighantu

INTRODUCTION

In Ayurveda, all skin disease has been described under Kushta. It is considered as one of the Ashtamahagada, Sahaja or Adibala pravrutta vyadhi. There are two types of kushta described in Ayurveda classics, Mahakushta into seven subtypes and Kshudrakushta into eleven subtypes. Ayurvedic herbs, which are relatively significantly potent, more suitable and having negligible side effects than available synthetic agents, provide a better therapeutic intervention. Along with medicinal treatment, Ayurvedic procedures viz. Vamana, Virechana etc. are being successfully practiced by traditional physicians since long to manage kushta vyadhi. Therefore an attempt is made to search out probable mode of action of Kushtaghna herbal and metal dravya mentioned in Bhavprakash according to Rasapanchaka.

MATERIALS AND METHODS

- Bhavprakash Nighantu with Chunekar Commentary.
- Ayurveda Research Database, Pub Med, C.C.R.A.S database, Research database on Ayurveda, Siddha and Other Traditional Medicine and Related Sciences and Google Scholar, Shodhaganga web search regarding Kushta.

Methods

- The review of the Kushtaghna dravyas from Bhavprakash Nighantu for their Rasadi properties, Doshagnata, Sanskrit names, Latin names and its Kushtaghna activity was done.
- The PubMed, Ayurveda Research Database, and Google web search of enlisted Kushtaghna dravyas was done for its action on specific type of kushta.
- The classification of dravyas on the basis of rasa, veerya, vipak, guna, prabhav, doshagnata was done.
- Critical analysis of these dravyas was done to enlist the type wise effective Kushtaghna dravyas on the basis of their Rasadi properties, Doshagnata.

Inclusion of Dravya

Dravya mentioned as Kushtaghna in Bhavprakash Nighantu from Haritakyadi to Dhatu-updhatu-rasa-uprasa-ratna-upratna-visha-upvishadi Varga.

Exclusion of Dravya

Dravya mentioned as Kushtaghna from Dhanya Varga to Ikshu Varga in Bhavprakash Nighantu. (Reason of exclusion: This study was focused on Doshaprashamak dravya only and not on swasthavrittikara dravya)

OBSERVATIONS

Table 1: List of Kusthaghna Dravyas from Bhavprakash Nighantu

Varga	Dravya	Family	Latin Name
Haritakyadi	Haritaki	Combretaceae	<i>Terminalia chebula</i>
Haritakyadi	Amalaki	Euphorbiaceae	<i>Embilica officinalis</i>
Haritakyadi	Pippali	Piperaceae	<i>Piper longum</i>
Haritakyadi	Chitrak	Plumbaginaceae	<i>Plumbago zeylanica</i>
Haritakyadi	Tumbaruphal	Rutaceae	<i>Zanthoxylum alatum</i>
Haritakyadi	Vanshalochan	Gramineae	<i>Bambusa arundinacia</i>
Haritakyadi	Aragvdhaphal	Leguminosae	<i>Cassia fistula</i>
Haritakyadi	Kutaki	Scrophulariaceae	<i>Picrorhiza kurroa</i>
Haritakyadi	Kirat	Gentianaceae	<i>Swertia chirata</i>
Haritakyadi	Indrayav	Apocynaceae	<i>Holarrhena antidysentrica</i>
Haritakyadi	Madanphal	Rubiaceae	<i>Randia dumetorum</i>
Haritakyadi	Kustha	Compositae	<i>Sassurea lappa</i>
Haritakyadi	Katuparni	Papaveraceae	<i>Argemone mexicana</i>
Haritakyadi	Manjishtha	Rubiaceae	<i>Rubia cordifolia</i>
Haritakyadi	Laksha	Lacciferidae	<i>Laccifer lacca</i>
Haritakyadi	Bakuchi	Leguminosae	<i>Psoralia corylifolia</i>
Haritakyadi	Chakramarda	Leguminosae	<i>Cassia tora</i>
Haritakyadi	Lashun	Liliaceae	<i>Allium sativum</i>
Haritakyadi	Bhallatakphal	Anacardiaceae	<i>Semecarpus anacardium</i>
Karpuradi	Chinakakarpur	Lauraceae	<i>Cinnamomum camphora</i>
Karpuradi	Padmak	Rosaceae	<i>Prunus puddum</i>
Karpuradi	Guggulu	Burseraceae	<i>Balsamodendron mukul</i>
Karpuradi	Shilaras	Hamamelidaceae	<i>Liquidamber orientalis</i>
Karpuradi	Nagkeshar	Guttiferae	<i>Mesua ferrea</i>
Karpuradi	Nakha, Nakhi		<i>Helix aspera, Achatina fulica</i>
Karpuradi	Jatamansi	Valerianaceae	<i>Nardostachys jatamansi</i>
Karpuradi	Shaileyam	Parmeliaceae	<i>Parmelia perlata</i>
Karpuradi	Karchur	Zingiberaceae	<i>Curcuma zedoaria</i>
Karpuradi	Bhateur	Umbelliferae	<i>Angelica glauca</i>
Karpuradi	Srukka	Labiatae	<i>Anisomeles malabarica</i>
Karpuradi	Parpati	Labiatae	<i>Pogostemon patchouli</i>
Guduchyadi	Guduchi	Menispermaceae	<i>Tinospora cordifolia</i>
Guduchyadi	Bruhati	Solanaceae	<i>Solanum indicum</i>
Guduchyadi	Erand	Euphorbiaceae	<i>Ricinus communis</i>
Guduchyadi	Arka (Shwet, Rakta)	Asclepiadaceae	<i>Calotropis gigantea, Calotropis procera</i>
Guduchyadi	Snuhi	Euphorbiaceae	<i>Euphorbia nerifolia</i>
Guduchyadi	Kalihari	Liliaceae	<i>Gloriosa superba</i>
Guduchyadi	Karveer (Shwet, Rakta)	Apocynaceae	<i>Nerium odorum</i>
Guduchyadi	Dhattur	Solanaceae	<i>Datura thornapple</i>
Guduchyadi	Adulasa	Acanthaceae	<i>Adhatoda vasica</i>
Guduchyadi	Nimba	Meliaceae	<i>Melia azadirachta</i>
Guduchyadi	Mahanimba	Meliaceae	<i>Melia azedarach</i>
Guduchyadi	Kanchnar	Leguminosae	<i>Bauhinia variegata</i>
Guduchyadi	Nirgundi	Verbenaceae	<i>Vitex negundo</i>
Guduchyadi	Kutaj	Apocynaceae	<i>Holarrhena antidysentrica</i>
Guduchyadi	Karanj	Leguminosae	<i>Pongamia glabra</i>
Guduchyadi	Chirbilva	Ulmaceae	<i>Holoptelia integrifolia</i>
Guduchyadi	Gunja (Shwet, Rakta)	Leguminosae	<i>Abrus precatorius</i>
Guduchyadi	Jalavetas	Salicaceae	<i>Salix tetrasperma</i>
Guduchyadi	Varahikanda	Dioscoreaceae	<i>Dioscorea bulbifera</i>
Guduchyadi	Patha	Menispermaceae	<i>Cissampelos pareira</i>
Guduchyadi	Danti	Euphorbiaceae	<i>Boliospermum montanum</i>
Guduchyadi	Indrayan	Cucurbitaceae	<i>Citrullus colocynthis</i>
Guduchyadi	Javasa	Leguminosae	<i>Alhagi camelorum</i>
Guduchyadi	Dhamasa	Zygophyllaceae	<i>Fagonia arabica</i>
Guduchyadi	Bhrungraj	Compositae	<i>Eclipta alba</i>
Guduchyadi	Kakmachi	Solanaceae	<i>Solanum nigrum</i>
Guduchyadi	Meshashrungiphal	Asclepiadaceae	<i>Gymnema sylvestre</i>
Guduchyadi	Shankhapushpi	Convolvulaceae	<i>Convolvulus pluricaulis</i>
Guduchyadi	Dugdika	Euphorbiaceae	<i>Euphorbia hirta</i>
Guduchyadi	Brahmi	Scrophulariaceae	<i>Herpestis monniera</i>
Guduchyadi	Mandukparni	Umbelliferae	<i>Hydrocotyle asiatica</i>
Guduchyadi	Pitsuvarchal	Capparidaceae	<i>Cleome viscosa</i>
Guduchyadi	Nakchikani	Compositae	<i>Centipeda orbicularis</i>
Pushpvarga	Malati	Oleaceae	<i>Jasminum grandiflorum</i>
Pushpvarga	Bruhatbakul	Sapotaceae	<i>Mimusops elengi</i>
Pushpvarga	Saireyak	Acanthaceae	<i>Barleria prionitis</i>

Pushpvarga	Tilak	Rubiaceae	<i>Wendlandia exerta</i>
Pushpvarga	Tulasi	Labiatae	<i>Ocimum sanctum</i>
Pushpvarga	Marubak	Labiatae	<i>Origanum majorana</i>
Pushpvarga	Damanak	Compositae	<i>Artemisia vulgaris</i>
Vatadi	Sarjak	Dipterocarpaceae	<i>Vateria indica</i>
Vatadi	Shisam	Leguminosae	<i>Dalbergia sissoo</i>
Vatadi	Vijaysar	Leguminosae	<i>Pterocarpus marsupium</i>
Vatadi	Khadir	Leguminosae	<i>Acacia catechu</i>
Vatadi	Erimed	Leguminosae	<i>Acacia farnesiana</i>
Vatadi	Babbul	Leguminosae	<i>Acacia arabica</i>
Vatadi	Hingot	Simarubaceae	<i>Balanites roxburghii</i>
Vatadi	Tuni	Meliaceae	<i>Cedrela toona</i>
Vatadi	Palashphal	Leguminosae	<i>Butea frondosa</i>
Vatadi	Katbhi	Lecythidaceae	<i>Careya arborea</i>
Vatadi	Shami	Leguminosae	<i>Prosopis spicigera</i>
Vatadi	Saptaparna	Apocynaceae	<i>Alstonia scholaris</i>
Vatadi	Tinish	Leguminosae	<i>Ougeinia dalbergioides</i>
Aamradi	Bahuvar	Boraginaceae	<i>Cordia myxa</i>
Datvadi	Tamra	-	Copper
Datvadi	Loha and Lohakitta	-	Ferrum
Datvadi	Suvarnamakshik	-	Copper pyrite
Datvadi	Roupyamakshik	-	Iron pyrite
Datvadi	Tuttha	-	Copper sulphate
Datvadi	Kharpar	-	Zinc carbonate
Datvadi	Shilajit	-	Black bitumen
Datvadi	Parad	-	Mercury
Datvadi	Hingul	-	Cinnabar
Datvadi	Gandhak	-	Sulphur
Datvadi	Abhrak	-	Mica
Datvadi	Hartal	-	Yellow Arsenic
Datvadi	Bol	Burseraceae	<i>Commiphora myrrha</i> ¹

Table 2: No. of Dravyas According to Rasa

Rasa	No. of Dravya
Shadrasa	1
Pancharasa	2
Katu	12
Madhur	3
Kashay	8
Tikta	9
Tikta-Kashay	11
Katu-Tikta	10
Madhur-Tikta	5
Madhur-Kashay	3
Katu-Kashay	4
Madhur-Katu	2
Tikta-Madhur-Amla	1
Madhur-Katu-Tikta	3
Kashay-Tikta-Katu	11
Madhur-Tikta-Kashay	10
Madhur-Tikta-Kashay-Amla	1

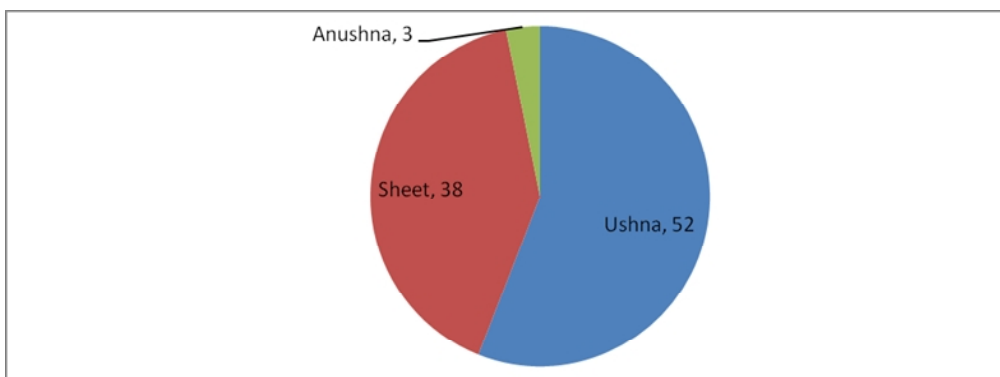


Figure 1: No. of Dravyas according to Veerya

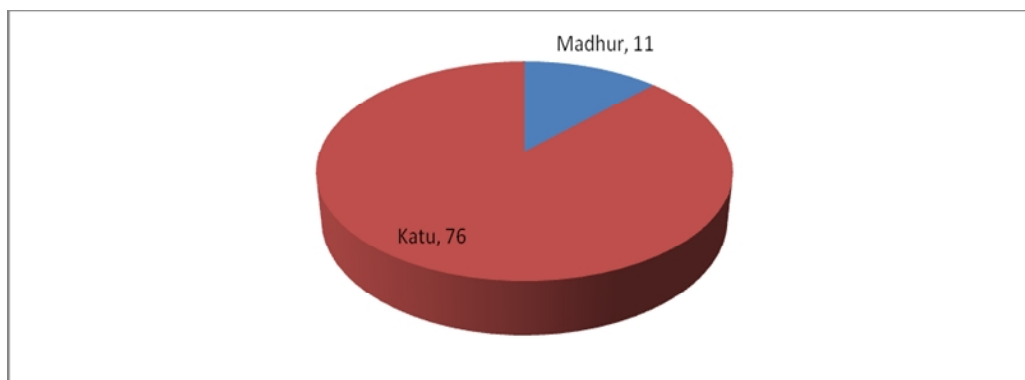


Figure 2: No. of Dravyas according to Vipaka

Table 3: No. of Dravyas according to Guna

Guna	No. of Dravya
Guru	4
Ruksha	4
Laghu	17
Tikshna	3
Snigdha	4
Yogavahi	1
Ruksha-Laghu	12
Snigdha-Laghu	3
Laghu-Tikshna	2
Guru-Tikshna	1
Ruksha-Tikshna	1
Guru-Ruksha	3
Laghu-Kshar	2
Snigdha-Yogavahi	1
Guru-Snigdha-Tikshna	1
Ruksha-Laghu-Tikshna	3
Laghu-Snigdha-Tikshna	1
Laghu-Tikshna-Kshar	1
Ruksha-Laghu-Picchil-Vishad-Sukshma	1

Table 4: No. of Dravyas according to Doshagnata

Doshagnata	No. of Dravya
Tridoshagnata	14
Kapha-Vatagnata	15
Kapha-Pittagnata	18
Pitta-Vatagnata	1
Kaphagnata	22
Vatagnata	2
Pittavardhak	1
Vatavardhak	2
Kaphagnata-Pittavardhak	1
Kaphagnata-Vatavardhak	2
Kapha-Pittagnata-Vatavardhak	2
Pittagnata-Vatavardhak	1
Kapha-Vatagnata-Pittavardhak	5

DISCUSSION

It was observed from the total plants identified from Bhavprakasha Nighantu, that there are 98 herbal and metal dravya have been described having kushtagnata effect. Out of the above 98 items, 52 dravya have been clinically found having kushtagnata effect mostly on human model. It was observed that most of the drugs possessed katu, tikta, kashaya, madhur rasa, ushna veerya, katu vipaka and laghu, ruksha guna. Most of them exhibited Kaphagnata and Kapha-pittagnata property. Doshas like kapha, pitta and vata and dushyas like twak, lasika, shonita and mamsa are responsible for the causation of kushta which is of eighteen types.² Kushta manifests due to complex interaction of bijadushti, vitiated doshas and dushyas which cause several

distinct types of kushta. In kapha predominant kushta; guru, manda and snigdha guna of kapha increases so the dravyas having laghu, ruksha guna should be used in this type of kushta.^{3,4} Tikta, Katu and Kashaya rasatmaka dravyas show kaphagnata property.⁵ Katu and Kashaya rasa does the shoshan of drava padartha, lasika (ambu), kapha present in body, attenuation of mamsadhatu, dissolve shonitsanghata, protect skin and destroyes krimi which is etiological factor of kushta.⁶ As kapha and lasika (ambu) have sheeta guna; ushna virya being opposite does samprapti vigatana. Katu vipaka also helps to destroy lasika and kapha. Katu and Tikta rasa were mentioned as kushtagnata in Ayurved samhitas.⁷ As a result dravya mentioned in Table 6 can be used in Kaphaja kushta.

Table 6: Kaphaja Kushtagnata Dravyas

Dravya	Rasa	Virya	Vipak	Guna	Karma
Madanphal	Madhur, Tikta	Ushna	Katu	Ruksha, Laghu	Kaphagnata
Manjishtha	Madhur, Tikta, Kashaya	Ushna	Katu	Guru	Kaphagnata
Laksha	Kashaya	Anushna		Snigdha, Laghu	Kaphagnata
Bakuchi	Madhur, Tikta	Sheet	Katu	Ruksha	Kaphagnata
Chinakakarpur	Tikta	-	-	-	Kaphagnata
Nagkeshar	Kashaya	Ushna	Katu	Ruksha, Laghu	
Parpati	Tikta, Kashaya	Sheet	Katu	Laghu	Kaphagnata
Kalihari	Tikta, Katu, Kashaya	Ushna	Katu	Laghu, Tikshna, Kshar	Kaphagnata Pittavardhak
Karveer (Shwet, Rakta)	Tikta, Katu, Kashaya	Ushna	Katu	-	-

Dhattur	Tikta, Madhur, Kashay	Ushna	Katu	Guru	Kaphaghna Vatavardhak
Karanj	Katu	Ushna	Katu	Tikshna	Kaphaghna
Chirbilva	Tikta, Kashay	Ushna	Katu	-	-
Danti	Katu	Ushna	Katu	Tikshna	Kaphaghna
Javasa	Madhur, Tikta, Kashay	Sheet	Katu	Laghu	Kaphaghna
Dhamasa	Madhur, Tikta, Kashay	Sheet	Katu	Laghu	Kaphaghna
Meshashrungiphal	Tikta	Ushna	Katu	-	Kaphaghna
Shankhapushpi	Kashay	Ushna	Katu	-	-
Dugdika	Katu, Tikta	Ushna	Katu	Guru, Ruksha	Kaphaghna Vatavardhak
Pitsuvarchal	Tikta, Katu, Kashay	Ushna	Katu	Laghu, Ruksha	Kaphaghna
Saireyak	Tikta, Madhur, Amla	Ushna	Katu	Snigdha	Kaphaghna
Tilak	Katu	Ushna	Katu	-	Kaphaghna
Sarjak	Katu, Tikta, Kashay	Ushna	Katu	-	Kaphaghna
Shisam	Katu, Tikta, Kashay	Ushna	Katu	-	Kaphaghna
Khadir	Tikta, Kashay	Sheet	Katu	-	Kaphaghna
Erimed	Kashay	Ushna	Katu	-	Kaphaghna
Babbul	Kashay	Sheet	Katu	Guru, Ruksha	Kaphaghna
Hingot	Tikta	Ushna	Katu	-	-
Katbhi	Katu	Ushna	Katu	Ruksha	Kaphaghna
Shami	Tikta, Katu, Kashay	Sheet	Katu	Laghu	Kaphaghna
Shilajit	Katu, Tikta	-	Katu	Yogvahi	Kaphaghna

In pitta predominant kushta; ushna and tikshna guna of pitta increases so the dravyas having sheet veerya should be use in this type of kushta.⁸ Madhura, Tikta, Kashay rasa possesses pittahara property.⁹ Kashaya rasa does raktavishodahn and rejuvenate skin¹⁰. Kapha and lasika shoshana is done by Tikta rasa⁶. Therefore dravya mentioned in Table 7 can be used in pittaja kushta.

Table 7: Pittaja Kushthaghna Dravyas

Dravya	Rasa	Virya	Vipak	Guna	Karma
Padmak	Tikta, Kashay	Sheet	Katu	Laghu	Vatavardhak
Nimba	Tikta	Ushna	Katu	Snigdha, Laghu	Pittaghna Vatavardhak
Vanshalochan	Madhur, Kashay	Sheet	Madhur	-	-

Vataj kushta possesses ruksha, laghu and khara guna¹¹. So drugs having snigdha, guru and ushna virya may work well. Madhur rasa is vataghna, improves quality of rakta and mamsa, and alsoshows varnya effect¹², so the dravya mentioned in Table 8 can be used in vataja kushta.

Table 8: Vataja Kushthaghna Dravyas

Dravya	Rasa	Virya	Vipak	Guna	Karma
Lashun	Madhur, Katu	Ushna	-	Guru, Snigdha, Tikshna	Pittavardhak
Shilaras	Katu, Madhur	Ushna	-	Snigdha	-
Erand	Madhur	Ushna	Madhur	Guru	-
Arka (Shwet, Rakta)	Katu, Tikta	Ushna	Katu	Ruksha, Laghu, Tikshna	Vataghna
Malati	Tikta, Kashay	Ushna	Katu	Laghu	Vataghna

Table 9: Kapha-Pitta Kushthaghna Dravyas

Dravya	Rasa	Virya	Vipak	Guna	Karma
Aragvdhaphal	Madhur	Sheet	Madhur	Guru	Kapha-Pittaghna
Kutaki	Tikta	Sheet	Katu	Ruksha, Laghu	Kapha-Pittaghna
Kirat	Tikta	Sheet	Katu	Ruksha, Laghu	Kapha-Pittaghna
Katuparni	Tikta	-	-	-	Kapha-Pittaghna
Shaileyam	-	Sheet	-	Laghu	Kapha-Pittaghna
Sprukka	Tikta	Sheet	-	-	-
Adulasa	Tikta, Kashay	Sheet	Katu	Laghu	Kapha-Pittaghna Vatavardhak
Mahanimba	Tikta, Kashay	Sheet	Katu	Ruksha	Kapha-Pittaghna
Kanchnar	Kashay	Sheet	Katu	-	Kapha-Pittaghna
Kutaj	Katu, Kashay	Sheet	Katu	Ruksha	Kapha-Pittaghna
Jalavetas	-	Sheet	-	-	Vatavardhak
Brahmi	Madhur, Tikta, Kashay	Sheet	Madhur	Laghu	-
Mandukparni	Madhur, Tikta, Kashay	Sheet	Madhur	Laghu	-
Bruhatbakul	Katu, Tikta	Anushna	Katu	-	Kapha-Pittaghna
Vijaysar	Tikta, Kashay	Sheet	Katu	Laghu, Ruksha	Kapha-Pittaghna
Tuni	Madhur, Tikta, Kashay	Sheet	Katu	Laghu	-
Tinish	Kashay	Sheet	Katu	-	Kapha-Pittaghna
Bahuvar	Madhur, Tikta, Kashay	Sheet	Katu	-	Kapha-Pittaghna
Tamra	Madhur, Tikta, Kashay, Amla	Sheet	Katu	Laghu	Kapha-Pittaghna
Loha and Lohakitta	Madhur, Tikta, Kashay	Sheet	Katu	Guru, Ruksha	Kapha-Pittaghna Vatavardhak
Hingul	Katu, Tikta, Kashay	-	Katu	-	Kapha-Pittaghna
Hartal	Katu, Kashay	Ushna	Katu	Snigdha	Kapha-Pittaghna
Indrayan	Tikta	Ushna	Katu	Laghu	Kapha-Pittaghna

Tuttha	Katu, Kashay	Sheet	Katu	Laghu, Kshar	Kapha-Pittaghna
Kharpar	Katu, Kashay	Sheet	Katu	Laghu, Kshar	Kapha-Pittaghna

Table 10: Kapha-Vata Kushthaghna Dravyas

Dravya	Rasa	Virya	Vipak	Guna	Karma
Pippali	Katu	Anushna	Madhur	Snigdha, Laghu	Kapha-Vataghna
Chitrak	Katu	Ushna	Katu	Ruksha, Laghu	Kapha-Vataghna
Tumbaruphal	Katu, Tikta	Ushna	Katu	Ruksha, Laghu, Tikshna	Kapha-Vataghna
Kustha	Madhur, Katu, Tikta	Ushna	Katu	Laghu	Kapha-Vataghna
Nakha, Nakhi	Katu	Ushna	Katu	Laghu	Kapha-Vataghna
Karchur	Katu, Tikta	Ushna	Katu	Laghu	Kapha-Vataghna
Bhateur	Madhur, Tikta, Katu	Sheet	Katu	Laghu, Tikshna	Kapha-Vataghna
Bruhati	Katu, Tikta	Ushna	Katu	-	Kapha-Vataghna
Nirgundi	Tikta, Kashay, Katu	Ushna	Katu	Laghu	Kapha-Vataghna
Varahikanda	Madhur, Tikta	Ushna	Katu	-	Kapha-Vataghna Pittavardhak
Patha	Katu	Ushna	Katu	Laghu, Tikshna	Kapha-Vataghna
Bhrungraj	Katu	Ushna	Katu	Tikshna, Ruksha	Kapha-Vataghna
Nakchikani	Katu	Ushna	Katu	Tikshna	Kapha-Vataghna Pittavardhak
Tulasi	Katu, Tikta	Ushna	Katu	-	Kapha-Vataghna Pittavardhak
Marubak	Katu, Tikta	Ushna	Katu	Laghu, Ruksha, Tikshna	Kapha-Vataghna Pittavardhak
Palashphal	Madhur, Tikta, Kashay	Ushna	Katu	Laghu, Ruksha	Kapha-Vataghna
Gandhak	Katu, Tikta, Kashay	Ushna	Katu	-	Kapha-Vataghna Pittavardhak
Bhallatakphal	Madhur, Kashay	Ushna	Madhur	Snigdha, Laghu, Tikshna	Kapha-Vataghna
Snuhi	Katu	Ushna	Katu	Guru, Tikshna	Kapha-Vataghna
Saptaparna	Kashay	Ushna	Katu	Snigdha	Kapha-Vataghna

Table 11: Vata-Pitta Kushthaghna Dravyas

Dravya	Rasa	Virya	Vipak	Guna	Karma
Gunja (Shwet, Rakta)	Tikta, Kashay	Ushna	Katu	Laghu, Ruksha	Vata-Pittaghna

Table 12: Tridoshaja Kushtaghna Dravyas

Dravya	Rasa	Virya	Vipak	Guna	Karma
Parad	Shadrasa	-	-	Snigdha, Yogvahi	Tridoshaghna
Abhrak	Madhur, Kashay	Sheet	-	-	Tridoshaghna
Bol	Madhur, Katu, Tikta	Sheet	Katu	-	Tridoshaghna
Indrayav	Katu	Sheet	Katu	-	Tridoshaghna
Guggulu	Tikta, Katu, Kashay	Ushna	Katu	Ruksha, Laghu, Picchil, Vishad, Sukshma	Tridoshaghna
Guduchi	Katu, Tikta, Kashay	Ushna	Madhur	Laghu	Tridoshaghna
Kakmachi	Tikta, Katu	Ushna	Katu	-	Tridoshaghna
Damanak	Tikta, Kashay	Ushna	Katu	-	Tridoshaghna
Amalaki	Pancharasa	Sheet	Madhur	Ruksha, Laghu	Tridoshaghna
Chakramarda	Madhur	Sheet	-	Laghu, Ruksha	Tridoshaghna
Jatamansi	Tikta, Kashay	Sheet	Katu	-	Tridoshaghna
Suvarnamakshik	Madhur, Tikta	Sheet	Katu	-	Tridoshaghna
Roupyamakshik	Madhur, Tikta	Sheet	Madhur	-	Tridoshaghna
Haritaki	Pancharasa	Ushna	Madhur	Ruksha, Laghu	Tridoshaghna

Table 13: Dravya Indicated according to type of Kushta (On the bases of research articles, papers and thesis)

Type of Kushta	Dravya
Kitibha (Psoriasis) ^{13,22,34}	Haritaki, Aragvadhphal, Amalaki, Bhallatakphal, Karveer, Saptaparna, Khadir, Nimba, Guduchi, Adulasa, Parad, Gandhak, Loha, Abhrak, Shilajet, Guggul, Chitrak, Kutaki, Tamra, Javasa, Nimba
Vicharchika ^{14,16,18,28,33}	Kutaki, Indrayav, Guggul, Guduchi, Bruhati, Eranda, Snuhi, Patha, Haritaki, Amalaki, Nimba, Khadir, Aragvadh, Kushta, Tuttha, Gandhak, Hartal, Bhringraj, Abhrak
Shitapitta ^{15,31}	Pippali, Haritaki, Amalaki, Guggul
Sidhma and Dadru ^{17,38}	Chakramarda, Karaj, Gunja, Gandhak
Eka-Kushta ^{19,21,37}	Bhallatak, Haritaki, Amalaki, Pippali, Manjishta, Tuttha, Chitraka, Bakuchi, Loha, Bhringaraj, Guduchi, Bramhi, Shankhapushpi, Jatamansi, Parada, Gandhak, Abhrak, Shilajit, Guggul, Kutaki, Tamra, Aragvadh, Khadir, Nagkeshar, Nimba, Adulasa, Patha, Kushta, Kutaja, Danti, Arka, Karvver, Hartal, Kalihari, Chakramarda, Saptaparna, Snuhi
Mandal Kushta ²⁰	Aragvadh, Haritaki, Kutaki, Eranda, Bakuchi, Chitrak, Amalaki, Guduchi, Mandukparni, Guggul, Shilajit, Gandhak, Loha, Suvarnamakshik,
Vipadika ²³	Sarjaj, Manjishta, Tuttha, Parada, Gandhaka, Laksha, Gunja, Bhringaraj
Kacchu ²⁴	Khadir, Haritaki, Amalaki, Saptaparna, Nimba, Gandhak
Yuvan Pidika ^{25,27}	Kushta, Jatamansi, Guggul, Karpoor, Madanphala, Kutaj
Darunaka ²⁶	Gunja, Bhringaraj
Shushka Vicharchika ²⁸	Haritaki, Amalaki, Chitraka, Kutaki, Pippali, Guduchi, Adulasa, Kushta, Loha, Abhraka, Tamra, Arka
Antiviral effect ²⁹	Kirat
Pama w.s.r to Scabies ^{30,36}	Khadir, Haritaki, Amalaki, Nimba, Guduchi, Adulasa, Manjishta, Amalaki, Haritaki, Gandhak
Shwittra ^{35,32}	Tuttha, Bakuchi, Chitraka, Tulasi

CONCLUSION

From all observations following dravyas can be used in different types of kushta. In Kaphapradhan Kushta- Madanphal, Manjishtha, Laksha, Bakuchi etc drugs can be used. In Pittapradhan Kushta- Padmaka, Nimba, Vanshalochan. In Vatapradhan Kushta- Lasun, Erand, Arka, Malati, Shilaras. In Kapha-Pittaj Kushta- Aragvdhaphal, Kutaki, Kirat Adulasa etc; In Kapha-Vataj Kushta- Pippali, Chitrak, Kushta, Patha, Nirgundi etc.

In Vata-Pittaj Kushta- Gunja only; In Tridoshaj Kushta- Parad, Abhrak, Bol, Guggulu, Guduchi etc; In nutshell, after observing all the research articles, papers and thesis we concluded; out of 98 kushtaghna dravyas only 52 dravyas has been tested for kushtaghna activity, so there is chance in future to test other remaining dravyas. From all scholars' work it is concluded that Shodhana Karma followed by Shamana along with Pathya Ahara is found as a suitable treatment plan to manage kushta. In Shodhana therapy, maximum times Virechana procedure was carried out and it was found comparatively better than other Shodhana procedures. In Shamana Chikitsa, type wise kushtaghna dravyas and some Medhya Aushadhi should be prescribed along with to alleviate the disease triggering factors such as emotional stress.

Future Scope for Study

- Different type wise Kushta can be diagnosed on the bases of Dosha predominance and can be treated with dravyas mentioned in this article.
- Pharmacological screening of these drugs can be further done to analyse their Dvidoshaja and Tridoshaja Kushtaghna activity.

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