Review Article

VATA (FICUS BENGHALENSIS) A DETAILED REVIEW FROM CLASSICAL TEXTS

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ARSTRACT

Nature is enriched with a huge variety of plant life having distinctive properties. Human ardor for herbal medicine dates lower back to Vedic length. People have been making use of plant materials lengthy earlier than scientific explanations were advanced. One of the tremendous capabilities of the local health practice is they use domestically available and quite often readily available sources.

The "Birds eye view" of our great saints led to the invention of different medicinal plants one among them is drug *Vata. Vata* is considered as one among the *Pancha valkala* which constitute the famous *Ksheeri vrukshas*. Elaborate description of the plant *Vata* and its therapeutic action are explained by our *Acharyas* in *Vedas, Puranas*, and *Samhithas* and in the later *Nighantus. Vata* (*Ficus bengalensis*) is such a drug which is widely and cheaply available and is having many mentioning in the classics for its effectiveness in many diseases. *Vata* does not have any controversies in any of the literatures or classics regarding its identification or usage.

The current article is to highlight the importance of drug *Vata* (*Ficus benghalensis*) and references has been collected from *Vedas, Puranas, Samhita kala, Nighantu kala*. Synonyms, *Gana Varga*, Vernacular names etc has been collected and arranged systematically.

KEYWORDS: Vata, Samhitas, Nighantus, Synonyms, Ganas.

INTRODUCTION

Vata or Banyan tree is a large evergreen spreading tree distribute all over India in the temperate climate growing upto height of 15- 25m and wide in radius. A unique feature of this tree is its pillar-like aerial roots which forms new trunks and makes the tree grow laterally. The tree bar is thick, whitish coloured. The leaves are thick, oval 4-6 inches long. The fruits are red, round about 0.5-0.75 inches in diameter and spongy. The flowers are not visible in the tree. The male and female flowers are enclosed in an auxiliary, sessile, depressed red fruits. The new tender buds are seen in summer season along with fruits.

Vedic Period

Nyogrodha is mentioned in Vedic literature (Maitrayani 4.4.1; Atharva 4.37.4) Brahmanas (Satapata 5.3.5.13, Aitareya Brah.7.30) Upanishads [Chandovaya and Kalpasootras (Katyayana Sr.15.5.38; Gobhila Gr.2.6.6; Apastambha Dharma 1.1.2.38)] [1].

In Atharva veda there is mentioning of drug *Vata* which is useful in *Yoni roga*, *Shukra shonita dosha*, *Madhumeha*, *Moorcha* etc [2].

Puranas

It is also mentioned in Panini's *Astadhyayi*, *Vartika* and *Mahabhashya*. The plant is regarded as symbol of royal nature (*Kastra dharma*), due to its expansiveness and stability through a large number of properties. The minute fruits of the plant with hyponthodium (the apparent fruit) are called *Vatakanika*. In early literatures, the fruit of *Nyagrodha* have been described along with other Ficus fruits like *Ashwatha*, *Udumbara*, and *Plaksha* which are similar in properties.^[3]

Brihat trayees

Caraka Samhita

The qualities of *Nyagrodha pallava*^[4] is told as 'kashaaya stambhanaa Sheeta hitaa Pittaatisaarinaam.'

Vata is a drug used to prepare Kashaya and is used for Vasti in Kapha vikaras along with Madhu taila lavana and in Pitta vikara, along with Madhu and Ghrita. [5]

It is mentioned that Vata is a tree found in $Jangala\ desha^{[6]}$.

Vata, due to its *Purisha sangrahaniya* action, is said to be of good applicability in *Ativirechana*[7]. It is used for *Vasti* in elephant^[8].

In the context of *Chandhanadi taila*, *Nyagrodha* and *Vata* are mentioned together^[9]. For that Cakrapani comments that *'Vataha nishpraroho vataha'* and *'nyagrodhasthu prarohavaan'*, i.e., *Vata* is without prop roots while in *Nyagrodha* prop roots are present.

It is mentioned for curing $Grahani\ roga^{[10]}$. It is mentioned in Chikitsa of $Kasa^{[11]}$. It is said to be of used in cases of Kshaya, $Trushna^{[12]}$ and $Sarpavisha^{[13]}$.

Susruta Samhita

It is mentioned in *Bhagna chikitsa*^[14]. It is said to be used in *Kusta*^[15]. It is mentioned as *Nadi rogagna dravya*. It is explained in *Mishraka chikitsa*^[17] i.e. for *Mukhamardana*. It is used in case of *Virechana yoga*^[18].

It is explained in treatment of *Puyakya sukra dosh*^[19]. It is mentioned to be used in case of women desiring of male child^[20]. It is used as *Agada* in *Alarka visha*^[21].

It is mentioned that children should be given bath under *Vata vruksha*.^[22] It is mentioned that *Vatadi praroha putapaka* is given to *Atisari*^[23] and it is used in *Raktatisara chikitsa*^[24]. It is mentioned in *Matsya ghrita tailadi prayoga*^[25]. It is mentioned as *pathya* in *Rakta Pitta*^[26]. There is reference of *Durva Vata pallavadi leha* for *Rakta Pitta*^[27].

Astanga Hrudaya

It is mentioned for *Putapaka*^[28].

It is used as a relief for *Puyashukla*^[29]. *Vata shrungashtaka* is used for *Garbha sthirata*^[30]. In *Shareera* 1st chapter *Vatasrunga* (vegetative bud) along with cow's milk is indicated specially in *Stree Vandhyatwa*^[31].

Nyagrodhasya prathamodhbhinna praroho vatasungaha tasyaashtakamithi

Sungam- pradhamodbhinnam patrankuam iteendu In Ashtanga Hrudaya in the context of Garbha sthapana says that

payasaa.....peetam vatasrungaashtakam tathaa ||

i.e., Eight *Vata Srunga* along with cow's milk is advised to take for the purpose of *Garbha stapana* action.

It is used to cure *Rakta Pitta*^[32]. It is used to cure *Kasa roga*^[33]. It is mentioned that *Nyagrodhadi gana taila* is used in case of *Siro amsa parshva soola*^[34]. It is mentioned to cure *Chardi, Jvara, Atisara, Murcha, Daha* etc^[35]. It is used to cure *Pakvatisara*^[36], and is mentioned to cure *Raktatisara* with *Daha, Jvara* and *Gudapaka* due to excessive *Pittaja Aahara*

vihara in *Pittajatisara*^[37]. It is used to cure *Pittaja Grahani*^[38].

It is used in case of *Talu kantaka*^[39]. Its paste is applied in *Mukha dushika*. Paste of *Vatadi dravyas* is used to cure *Vyanga* and to increase *Mukha kanti*^[41]. It is used as medicine for *Nilika*, *Tilaka*, *Vyanga*, *Vali*, *Palitha* etc. ^[42] It is used as *Sarpa Visha Pratishodhana*^[43]. It is used for *Rasayana vidhi*^[44].

Ref in other Samhitas

Bhela Samhita

Vata along with other drugs are mentioned to give in *Pittatisara*^[45]. It is mentioned to cure *Atisara*^[46].

Kashyapa Samhita

It is mentioned as a Dravya to generate intellect^[47]. Parthiva is told to collect $Vata\ Sunga$ to worship and to wear^[48]. It is also used to cure burning sensation^[49]. The Vata is used to treat Charmadala due to Pitta^[50].

Yoga Ratnakara

Yoga Ratnakara in the context of yoni roga chikitsa has told that^[51] Vatasungam along with other drugs when given to a Vandhya Stree, will definitely help in giving birth to a child. He has also commented that Vatankura along with other drugs is Garbhaprada.

Bhavamisra

In *Yoni Rogaadikaara* while explaining *Vandhya Chiktsa* he tells a woman who consumes *Vatasunga* will give birth to a healthy male child without doubt^[52].

Reference in Medieval Period

1) Danwantari Nighantu^[53]

In this *Vata* is explained under *Amradi varga*. Various synonyms of *Vata* are mentioned in this *Nighantu*. It is explained as *Sita veerya*, *Kasaya* and acts as *Stambhana* and *Rukshana*. It is indicated in *Trusna*, *Vamana*, *Murca* and *Rakta Pitta*.

2) Kaiyadeva Nighantu^[54]

Paryaya and Guna karma of Vata is explained. Vata is Rooksha, Sita, Grahi, Kashaya rasa and destroys Yoni dosha's. It also acts as Varnya, Vranaghna, Visarpaghna and Kapha Pitta shamaka.

3) Madanapala Nighantu [55]

Vata Nama guna is explained in this Nighantu. Vata is Sita, Guru, Grahi and Kapha Pitta vranapaha.

4) Bhavaprakasha Nighantu [56]

Vernacular names and morphology is explained in this *Nighantu*. *Guna* and *Prayoga* are also mentioned. It is used in *Yoni dosha*, *Katipida Sandipida*, *Atisara*, *Pravahika* etc. usable part is *Panchanga*, chemical constituents is tannin.

5) Raja Nighantu^[57]

Vata is explained under Amradi varga. Synonyms of Vata are mentioned. It is having Kashaya and Madhura rasa. Sheeta veerya and Kapha Pitta shamaka in nature and is indicated in Jvara, Daha, Trushna, Moha, Vrana, Shopha. Twak, Jata, Kshira, Beeja and Phala are the useful parts. Matra is also mentioned.

6) Shaligrama Nighnatu^[58]

Synonyms and vernacular names are mentioned. Its properties are mentioned as *Rooksha*, *Sheeta*, *Guru*, *Mala shodaka*, *Kapha Pitta nashaka*. Structure of tree is also mentioned.

7) Nighantu Adarsha^[59]

Structure of *Vata*, vernacular name and *Nirukti* is explained. Various *Upayoga* and *Amayika prayogas* are also mentioned.

8) Priya Nighantu^[60]

Vata is mentioned under Haritakyadi varga. Structure of the tree is also explained. It is used in Atisara, Raktasrava and Charma roga.

9) Hrudayadeepika Nighantu^[61]

It is explained in *Kapha Pittaghna varga*. Various synonyms are mentioned.

Synonyms

The roots of the origin of the words make the learning process more colorful exotic and interesting. Here all the synonyms of *Vata* are collected in the table and short etymological derivation with appropriate meaning is given below as opined by various *Koshas* and commentators.

Synonyms according to different Acharyas

Synonyms	D.N	K.D.N	M.P.N	B.P.N	S.N	R.N	S.G.N	N.A	P.N
Bahupada	+	+	+	+	+	+	+	+	+
Bhandira			and the state of t	· /a: / * :			+		
Bhrungi		7.50			\$		+		
Dhanta		+	FAyurve	cla					
Dhruva	+	nal.	Hithwarehal	44					
Jatala		27/2		10		+	+		
Jati			286	3	+		+		
Karmaja		หาย	2				+		
Ksheeri	+	¥ 0	+445	+ 6	+	+	+		
Mahachaya		(els)	Jan San	3/28.93		+	+		
Mandali			1 JAPE	VI-		+	+		
Neela					2	+	+		
Nyagrodha	+	+	+	+	+	+	+	+	+
Padarohi		+	+				+		
Raktaphala	+	+	+	+	+	+	+	+	
Rohini						+			
Shipharuha						+			
Shipharuha							+		
Shrungi	+	+		+		+			
Shrunga						+			
Skandha Janma	+	+					+	+	
Skandharooha				+	+	+	+		
Vaishravanalaya	+			+	+			+	
Vaishravanodaya							+		
Vanaspati	+	+	+	+	+	+	+	+	
Vata	+	+	+	+	+	+	+	+	+
Vitapi						+	+		
Vrukshanata							+		
Yakshataru		+	+			+	+		
Yakshavasaka		+	+			+	+		
Yakshavasa							+		
Yamapriya							+		

Expositions of synonyms

1) Vata - Vatati veshtati moolai iti |

It spreads all over by its hanging/supporting roots.

- 2) Nyagrodha-
- a. Nyak runadhi iti rudhir aavarane |
- b. Nyak tiryak runadhi margam moolai iti vaa |

It spreads or covers a large area or it obstructs the pathway with supporting roots.

3) Bahupaada-a) bahava paada asya iti

b) Bahava paada moolani asya iti vaa bahava paadaa avaroha asyeti |

It has many legs i.e. it has many supporting roots which are compared to legs.

4) Vaishravanaalaya-vaishnavasya yakshapate kuberasya aavasa iti |

This tree is the residing place for lord Kubera.

Classification of the drug Vata

The ancient authors classified the drug in different *Ganas, Vargas, Skandhas* etc. The drugs have been classified on the basis of their morphological characters, properties, pharmaco dynamics as well as therapeutic values. The classification of *Vata* is as follows.

Text	Gana/Varga		
Caraka Samhita	Kashaya skandha dravya,Mutra sangrahaneeya dravya,		
	Saka varga,Garbha sthapana gana		
Susruta Samhita	Nyagrodadi gana		
Dhanwanthari nighantu	Amradi varga,Mishrakaadi varga		
Kaiyyadeva nighantu	Oushadi varga		
Madanapala nighantu	Vatadi varga,Abhayadi varga		
Bhavaprakasha nighantu	Vatadi varga,Gudoochyaadi varga		
Raja nighantu	Amradi, Dharany <mark>adi, Ou</mark> shadi and Mishrakaadi varga		
Saligrama nighantu	Vatadi varga		
Nighantu sesa	Vruksha s <mark>k</mark> andha		
Priya nighantu	Hareetak <mark>ya</mark> adi varga		

Types of \overline{Vata}

Caraka samhita in *Chikitsa sthana* 3/258 in the context of *Chandhanadi taila*, *Nyagrodha* and *Vata* are mentioned together. For that *Cakrapaani* comments that *Vataha nishpraroho Vataha* and *Nyagrodhasthu prarohavaan*, ie *Vata* is without proproots while in *Nyagrodha* proproots are present.

There are several variants of this species differing in leaf shape, presence or absence of arial roots etc. One form, cultivated in gardens, with leaf bases doubled into cup or cone shaped structures has been considered by some as a distinct species [62].

Vernacular Names

English- The Banyan tree.

Sanskrit- Vata, Rakta phala, Shrungi, Nyagrodha, Skandhaja, Dhruva Ksheeri, Vaishravana vasa, Bahupada, Vanaspati.

Latin-Ficus bengalensis Linn.

Hindi-Bada, Baragad

Bengali-Bata

Punjabi-Boda

Marathi-Vada

Gujarati-Bada

Tamil-Aala

Telugu-Veddamari/Marichetta.

Malayalam-Aala/Peral

Kannada-Aala

Taxonomical Classification

Kingdom Plantae - Plants

Plants Subkingdom Tracheobionta- Vascular plants

Super division Spermatophyta - Seed plants

Division Magnoliophyta – Flowering plants

Class Magnoliopsida - Dicotyledons

Subclass Hamamelididae

Order Urticales

Family Moraceae - Mulberry family

Genus Ficus L

Fig Species Ficus benghalensis L. – Indian banyan

CONCLUSION

Vata (Ficus benghalensis) is a plant with a rich ethnobotanical history. The present review on Vata from different classical texts and Nighantus can be useful to know about the different useful parts, theraptic uses, formulations, synonyms etc of the plant. By this way we can use Vata in various disease conditions. In this regard further researches are to be

carried out to explore *Vata* for its potency towards pharmacological properties and actions.

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