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A CONCEPTUAL STUDY OF PANCHAVATA, DUSHTI AND APPLICATION OF TREATMENT PRINCIPLE

Shirvadkar Divyashree M¹, Prashanth A.S.²

¹Post Graduate Scholar, ²Professor & H.O.D, Department of Kayachikitsa, Ayurveda Mahavidyalaya, Hubli, Karnataka, India.

ABSTRACT

Ayurveda is entitled as a "Divine science" due to its origin as well as its unimaginable potency in curing the diseases and protecting the health of a healthy person, physically and mentally. The *Tridosha's* (*Vata,Pitta* and *Kapha*) in the human body are responsible for homeostasis and health. Among these, *Vata Dosha* if of utmost importance. *Vata* is the only *Dosha* which governs all the other entities of the body like *Pitta, Kapha, Dhatu* etc. So a proper understanding of the concept *Vata* is required in order to keep all the body functions in equilibrium. The five folds of *Vata* are *Prana ,Udana,Vyana ,Samana, Apana*. So it is essential to understand the concept of *Vata* for the accurate diagnosis and management. The present article is an attempt to narrate the different types of *Vata* and its *Sthana* along with treatment principles in a systemic manner.

Key words: Ayurveda, Vata, Panchavata, Treatment Principle.

INTRODUCTION

Dosha's are the primary constitutional factors of the body, which mainly maintain its integrity. [1] According to Ayurveda, Dosha's have considered as basic pillars of the body. [2] There are two categories of *Dosha's* - Sharirika and Mansika. Vata, Pitta and Kapha are Sharirika Dosha's while *Raja* and Tama are the Mansika Dosha's.[3] "*Tatra* vaa Gatigandhanayoritee Dhathuhu" ||.The term Vata is derived from the root with "*KTA*" pratyaya. And

meaning of "*Va Gatigandhanayo*" is to move, to enlighten .^[4]

'Vayus Tantra Yantra Dharaha' which states that Vata in its normal state sustains all the organs of the body and its functions. [5] It is responsible for the movement and functions of Pitta and Kapha ,Rasa-Raktadi Dhatus,Mala (Purisha, Mutraadi) just as the wind clouds propels the to different locations. [6] Vata is mainly responsible for normal functioning of all the vital structures of the body with its unique quality i.e. Chalatwa (movement).

From different contexts, we understand that the different functions of Vata as Vibhutwat (present all over the body) , Asukaritwa (quick in action), Balatwat (it is stronger than pitta and kapha), Anyakopanaat (it is vitiates other doshas), Swatantra (independent), Bahurogatvat (leads to several diseases) etc. It can control both Manas (mind) and Indriva (sense organs) and helps in the enjoinment of their particular *Indrivarthas* . [7]

SYNONYMS OF VATA:

The synonyms of *Vata* are – *Maruta ,Anila ,Pavana, Sameerana, Prabhanjana, Matarishwa, Sadagati,Shwasana*^[8]

PANCHABHAUTIKATVA AND GUNAS (PROPERTIES) OF VATA:

Vayu and Aakasha Mahabhuta forms the Vata Dosha.^[9] Guna's of Vata are Ruksha (rough), Sheeta (cold), Laghu (light), Sukshma (subtle) Chala (mobile), Vishada (non slimy) and Khara (coarse).^[10]

STHANA (SEAT) OF VATA DOSHA:

Pakvashaya (colon), Kati(waist region), Sakthi (thighs), Paada(feet), Asthi (bones), Shrotra (ears), Sparshanendriya (Twak or skin) forms the seats of Vata among which

Pakvashaya forms the important seat. [11]

FUNCTIONS OF VATA DOSHA:

Normal functions of Vata Dosha-Utsaha (enthusiasm), Ucchvasa (inspiration), Nishwasa (expiration), Cheshta (movements), *Samyak Gati* of *Dhatu's* (normal formation of dhatus) and Vega Pravartana (proper elimination of excreta) are the normal functions of Vata Dosha. [12]

Abnormal functions of Vata Dosha-Karshya (emaciation), Karshynya (black discolouration), Ushnakaamata (desire for heat), Kampa (tremor), Aanaha (abdominal distension), Shakrita graha (constipation), Balahani (weakness), Nidrahani (loss of sleep), Indriyabhramsha (loss of power of perception by sense organs), Pralaapa (incoherent talk), Bhrama (giddiness) and Deenata (great misery). [13]

TYPES OF VATA:

On the basis of *Sthana* (locations) and *Karma* (functions), *Vata* is classified into mainly five folds such as *Prana*, *Udana*, *Samana*, *Vyana* and *Apana*.^[14]

TYPE OF VATA	STHANA	KARMA	VIKARA
1) Prana Vata	Shira,Ura,Kantha ,Jiwha, Naasika.	Sthivana (expectoration), Kshavathu (sneezing), Udgara (belching), Shvasa (inspiration and expiration)	Hikka,Shwasa, Kaasa,Ardita.
2) Udana Vata (It is also called as Pavanottama)	Ura, Kantha, Nabhi, Naasika	Bhashana (production of speech), Gaayana (singing), Bala, Varna, Dhi, Dhruti and Smruti.	Kantharodha, Chardi, Arochaka, Galaganda.
3) Vyana Vata	The Sthana of Vyana Vata is Hridaya and it pervades all over the body.	It controls the locomotor activities i.e. Gati Prasarana, Nimesha-Unmesha (opening and closing of the eyelids), Jrimbha (yawning) etc.	Kustha, Visarpa, Shopha, Sarvanga Roga.
4) <i>Samana Vata</i>	Naabhi,Aamashaya ,Kshudraantra, Sweda Vaha Srotas, Doshavaha Srotas, Ambu Vaha Srotas	Anna Grahana, Pachana, Sara-Kitta Vibhajana, Jatharaagni Dipana.	Agnimandya, Gulma, Atisaara, Grahani, Ajirna, Pravahika etc.
5) Ap <mark>ana Vata</mark>	Basti,Shroni, Medhra,Vrushana, Vankshana.	Elimination of <i>Mutra, Purisha</i> , Ejaculation of <i>Shukra</i> and <i>Garbha Nishkramana Kriya</i> (parturition).	

GATIOF VATA

Prana and *Udana Vata* naturally moves upwards, *Samana Vata* moves in lateral direction, *Apana Vata* moves downwards and tendency of *Vyana* is to move in all directions.

TREATMENT PRINCIPLE:

According to Charaka,

• "*Udanam yojyet urdhwam*" [16] --- When there is *Vikruti* of *Udana Vata*, treatment should be directed to bring the back the vitiated *Udana Vata* in the *Urdhwa Marga* (upward direction) through *Vamana*, *Nasya Karma* etc.

eg. *Bharangyadi Taila Nasya* in *Kaphaja Pratishyaya Roga*.

Ingredients of Bharangyadi Taila are Bharangi, Madanaphala, Agnimantha, *Tulasi* and *Sarshpa* Taila which possesses Ushna Virya and Kapha-Vataghna properties. Bharangi, Agnimantha , Tulasi and Sarshpa Taila possess Katurasatmaka properties. These being Ushna Virya and Katurasatmaka clears the Amavastha as well as does the *Chhedana*, Vilayana and Shodhana of Kapha Dosha from nasal root. [17]

of Vikruti of Apana Vata,
Vatanulomaka Chikitsa like
Vatanulomaka Anna-Paana and
Aushadhi's, Virechana and Basti should
be adopted.

eg. *Lashunadi Taila Matra Basti* in Vandhyatwa (Anovulation). Lashunadi taila has properties like Vatakaphashamaka, Deepana, Amapachaka, Vrishya, Jeevaniya, Balva, Rasayana, Artava janana ,Garbhasthapaka, etc. which corrects Amavastha the and does Srotosodhana. It removes the Sanga and thereby corrects the Agni Dushti leading to the proper functioning of the Tridoshas. Abeejotsarga

(Anovulation) is mainly due to *Vata Dushti*. As *Basti* is the *Pradhana Chikitsa* in *Vata Vikara*, it definitely acts on Anovulation.^[18]

- "Samanam Shamayediti" Shamana Chikitsa should be done in case of Samana Vata Vikruti.
 - Eg. Intake of *Hingvashtaka Churna* in *Agnimandya*. Being *Katu Rasatmaka,Ushna Virya*

and *Vatanulomka* it helps to clear the aggravated *Vata* in the digestive tract thereby treating *Adhmana*, *Atopa*, *Aanaha*. It corrects the *Samana Vata* and brings the *Apana Vata* in the *Anuloma Gati* (downward direction).^[19]

"Tridha vyanam tu yojayediti"
Sthana of Vyana Vayu is considered as "Sarvadehaga". [20] So, when there is Vyana Vata Vikruti, the treatment adopted for the Vikruti of Udana, Apana and Samana Vata should be employed like Nasya , Vamana and Shaman Chikitsa.

eg In *Pakshaghata*, there is vitiation of *Prana,Udana,Vyana* and *Apana vata.*According to *Acharya Charka, Swedana* (Sudation), *Snehana* (Oleation) and *Virechana* (Purgation) are the treatment protocol while treating *Pakshaghata* patient. [21]Also, *Sushruta* explains about the treatment

of *Pakshaghata* as-Abhyanga, Swedana, Mrudu Shodhana-Vamana, Virechana, Anuvasana Basti, Asthapana Basti and ShiroBasti. [22]

"Prano Rakshaschya Chaturbhyodapi" -Prana Vata should be protected at its Sthana by Udana, *Apana, Samana* and *Vyana Vata Dushti* Chikitsa. The Vishesha Sthana of Prana Vata is said to be Murdha (head).[23] Prana Vata is the most important since it controls all Vata characteristics and attributes. If Prana Vata is out of balance, then there is an overall disruption in all functions that Vata is supposed to execute. Hence,

Prana Vata should be protected at its *Sthana*.

eg. In *Kaphaja Kasa*, there is vitiation of mainly *Prana, Udana* and *Apana Vata*.

The first line of treatment in *Kaphaja Kasa* is *Vamana*. *Vamana* will expel out the *Dushita Kapha* and relieve the *Aavarana* to *Vata (Prana, Udana Vata)*. Similarly , *Virechana* can also be planned in *Vata, Pittanubandha*. *Nasya Karma* is useful as the *Sthana Samshraya* is in *Urdhwajatrugata*. [24] Hence, *Prana Vata Dushti Chikitsa* is done, thereby protecting it at its *Sthana*.

IMPORATNCE OF AUSHADHA SEVANA KALA IN PANCHA VATA DUSHTI [25]

TYPE OF VATA VITIATED	TIME OF ADMINISTRATION OF AUSHADHA (MEDICINE)
Prana Vata	The Aushadha should be administered along with the each and every morsel of food (Sagrasa) and in between the two morsel of food. (Grasantara).
Udana Vata	At the end of supper (Sayamkala Pashchadbhakta-Adhobhakta), the Aushadha is given.
Vyana Vata	At the end of day meals (<i>Pratah Pashchadbhakta</i>), the <i>Aushadha</i> is administered.
Samana Vata	The <i>Aushadha</i> should be administered in the middle of the meal (<i>Madhyabhakta</i>).
Apana Vata	The <i>Aushadha</i> should be given just before the intake of food (<i>Pragbhakta</i>).

EXAMPLES OF YOGAS IN DISEASES WITH RESPECT TO AUSHADHA $SEVANA\ KALA^{[26]}$

YOGAS	INDICATION	AUSHADHA SEVANA KALA
1. Vasa Putapaka	1. Shwasa, Chardi, Trishna.	Muhurmuhu
Swarasa, Durva Swarasa.	2. <i>Shwasa, Kasa</i>	
2. Kanakasava	3. Chardi	
3.Mayura Pichha Bhasma	V.V. O I -	
1. <i>Pushyan<mark>uga Churn</mark>a</i>	1. <i>Pradara</i>	Pragabhakta
2. Gokshuradi Guggulu	2. <i>Mutrakrichha</i>	
1. Yogar <mark>aja Guggulu</mark>	1. Vatavyadhi	Adhobhakta
2. <i>Kus<mark>hman</mark>da Avaleha</i>	2. <i>Raktapitta</i>	(1/2)
Swadhishta virechana	Vibandha	Nishi
Churna		1 60
Hingwashtaka Churna	Agnimandhya	Sagrasa
Pippali Churna	Hikka	Samudga

YOGAS

- Prana vata Talisadi Churna,
 Sitopaladi Churna, Shwasa Kuthara
 Rasa, Vidangavaleha, Kantakari Ghrita,
 Pippalyadi Ghrita, Vasavaleha,
 Dashamoolarishta.
- Udana vata Laghusutashekhara
 Rasa, Shankha Bhasma, Kalyanaka
 Avaleha, Shadbindu Taila,
 Gudaardraka yoga.
- Vyana vata Brihatvatachintamani Rasa, Mustadi Churna, Manjishtadi Kashaya, Tapyadi Loha, Mahatiktaka Ghrita, Kankayana Vati, Prabhakara Vati, Brihat Nayopayam Kashayam.

- Samana vata Hingvashtaka Churna , Lavanabhaskara Churna, Trikatu Churna Lashunadi Vati ,Hingvadi Gutika, Chitrakadi Leha, Pippalyadi Ghrita.
- Apana vata –Triphala Churna,
 Gomutra Haritaki, Trayushnadi Churna,
 Chavyadi Ghrita, Kutajarishta,
 Abhayarishta , Dantyarishta.

DISCUSSION

Tridoshas are functional entities of our body. They can be known through the functions they perform in our body. Among these three *Doshas, Vata* is of utmost importance. On the basis of

Sthana (locations) and Karma (functions) Vata is classified into mainly five types such as Prana, Udana, Vyana, Samana and Apana. Yogavahi is a special characteristic of Vata to combine with other Doshas without losing its own properties.

Vata regulates all the psycho-somatic functions of the human body. It is the vital force which is essential for cell organization and formation of tissues. From the physiological point of view, Vata Dosha can be said to be a biophysical force or material entity or a complex of such entities. Vata Dosha can be associated with the respiratory system and perhaps the nervous system.

Prana Vata regulates the nervous system. Udana Vata regulates speech, cognitive memory and skills. Vagbhatta, in Ashtanga Hridaya clearly states that the "Prana Vayu" located in the Shiras (Head), controls activities of the Hridaya (Heart) . In this context, Vyana Vayu and Prana Vayu denote the nervous control of circulation because Vayu, in general, represents all neural mechanisms. So, sympathetic and parasympathetic control of heart can be included under Vyana Vata. Samana Vata regulates

digestion and *Apana Vata* regulates excretion. *Srotopreenana* is a function destined to *Udana Vata* which indicates the extensive circulation to every cell ,which is possible only through the *Vyana Vata* which carries the essence of food throughout the body.

Division of digested food material in absorbable and non-absorbable parts is one of the functions of *Vyana*, as well as *Samana*. *Vyana*, by way of circulatory efforts and movements of cellular membrane helps division of digested food. *Mutra* (*Dravarupa Mala*) is eliminated through the respective pathway (*Mutravahasrotas*) by the help of *Apana*, *Vyana*, and *Prana Vata*.

CONCLUSION

Doshas have been considered constitutive factors or basic pillars of the body. Vata is a biophysical force or a material entity, or a complex of such entities. It is a primal constituent of Sharira and Manasa Prakruti and originated with dominance of Vayu and Akasha Mahabhuta with Ruksha, Laghu, Sheeta and Chaladi Gunas, Yogavahi, Avyakta, Amurtatva. Understanding the concept of Vata is of utmost importance for accurate diagnosis and treatment of diseases.

Proper principle methods should be adopted in treating the vitiation of *Prana ,Udana ,Vyana , Samana* and *Apana Vata Dushti.*

REFERENCES

- 1. http://www.liveayurvedalife.com/what-is-vata-.
- 2. Prof. K. R. Srikantha Murthy, Sushruta Samhita, Sutra Sthana, Reprint Edition 2010, Chaukhambha Orientalia, Varanasi, Vol 1, Vranaprashna Adhyaya, Chapter 21, Verse 3, Page No. 152.
- 3. Dr. Ram Karan Sharma and Vaidya Bhagwan Dash, Charaka Samhita of Agnivesha, Sutrasthana, Reprint Edition 2009, Chowkhamba Sanskrit Series Office, Varanasi, Vol 1, Dirghajeevatiya Adhyaya , Chapter 1, Verse 57, Page No. 41.
- 4. Prof. K. R. Srikantha Murthy, Sushruta Samhita, Sutra Sthana, Reprint Edition 2010, Chaukhambha Orientalia, Varanasi, Vol 1, Vranaprashna Adhyaya, Chapter 21, Verse 5, Page No. 152.
- 5. Acharya Vidyadhar Shukla and Prof.
 Ravi Dutt Tripathi, Charaka Samhita of
 Agnivesha, Reprint Edition:
 2011, Chaukhamba Sanskrit
 Pratishthan, Delhi, Vol 1, Vatakalakaliya
 Adhyaya, Chapter 12, Page No. 185.

- Dr. Smt Shailaja Shrivastava, Sarngadhara Samhita of Sarngadhara, Reprint Edition 2009, Chaukhambha Orientalia, Varanasi, Purvakhanda, Kalaa dikakyanam, 5th Chapter, Verse 25, Page no. 40.
- 7. Sreelekshmi G and Kulkarni Pratibha:

 Udaana vayu-Physiological
 Understanding, ,SDM college of
 Hassan,Karnataka,India,International
 Ayurvedic Medical Journal ,ISSN: 2320
 5091.
- 8. Review of literature concept of Dosha, General outline of Vata-Pitta...

 PDFshodhganga.inflibnet.ac.in>bitstre am.
- Kaviraj Atrideva Gupta, Ashtanga Sangraha Hindi Commentary ,Sutrasthana, Chowkhamba Krishnadas Academy, Varanasi, Vol 1, Doshabhediyam Adhyaya, Chapter 20, Verse 3, Page No. 159.
- 10. Vaidya Yadavji **Trikamji** Acharya Samhita of Agnivesha, ,Charaka Sutrasthana, Reprint Edition 2007, Chaukhambha Sanskrit Sansthana Vol ,Varanasi, 1, Dirghajeevatiya Adhyaya , Chapter 1, Verse 59, Page No. 27.
- 11. Kaviraj Atrideva Gupta, Ashtanga Sangraha Hindi Commentary

- "Sutrasthana, Chowkhamba Krishnadas Academy, Varanasi, Vol 1, Doshabhediyam Adhyaya, Chapter 20, Verse 3, Page No. 159.
- 12. Dr. T. Sreekumar, Ashtanga Hridaya, Sutrasthana, 3rd edition, Publication Department, Thrissur, Vol 1, Doshadivigyaniyam, Chapter 11, Verse 1, Pg no. 266.
- 13.Dr. T. Sreekumar, Ashtanga Hridaya, Sutrasthana, 3rd edition, Publication Department, Thrissur, Vol 1, Doshadivigyaniyam, Chapter 11, Verse 5-6, Pg no. 268.
- 14. Dr. Ram Karan Sharma and Vaidya Bhagwan Dash, Charaka Samhita of Agnivesha, Chikitsa Sthana, Reprint Edition 2010, Chowkhamba Sanskrit Series Office, Varanasi, Vol 5, Vatavyadhichikitsaadhyaya: Chapter 28, Verse 5, Page No. 20.
- 15. Prof .K. R. Srikantha Murthy, Susruta Samhita, Nidana Sthana, Reprint edition 2010, Chaukambha Orientalia, Varanasi, Vatavyadhi Nidanam, Chapter 1, Verse 14, Page No. 463.
- 16.Vd. Harish Chandra Singh
 Kushwaha,Charaka Samhita of
 Sutrasthana,Ayurveda Dipika Hindi
 Commentary,First Edition
 2009,Chaukhambha

- Orientalia, Varanasi, Vol 2, Vatavyadhi Chikitsa Adhyaya, Chapter 28, Verse 219-20, Page No. 768.
- 17. Vedpathak Surendra Martand & Bhagwat Bhalchandra Krishnaji : Clinical Effect Of Bharangyadi Taila Nasya On Kaphaja Pratishyaya Roga (Coryza) , Pune, Maharashtra, India, International Ayurvedic Medical Journal ,ISSN : 2320 5091.
- 18. Dr Punam Bhatti : Clinical study on Vandhyatwa (Female infertility) W.S.R. to Anovulatory Factor and its Management by Matra of Basti Lashunadi Taila, Institute for Post Graduate Teaching & Research in Ayurveda, Gujarat Ayurveda University, Jamanagar, 2013-2016.PDFwww.gacollege.in>pptns16
- 19.Manoj Kumar Dash et al : Probable mode of action of Hingvashtaka Churna : A Critical Review, International Journal Research Ayurveda Pharm. 7 (Suppl 3),July-August 2016, DOI : 10.7897/2277-4343.074146.
- 20. Prof. Dr. Yogesh Chandra
 Mishra, Ayurvediya Kriya
 Sharira, Chaukhambha
 Publications, New Delhi, Vol 1, Vyana
 Vayu and Raktanudhavana, Chapter
 9, Page No. 199.

- 21.Dr. Ram Karan Sharma and Vaidya Bhagwan Dash, Charaka Samhita of Agnivesha, Chikitsa Sthana, Reprint 2010, Chowkhamba Edition Sanskrit Vol Series Office, Varanasi, 5, Vatavyadhichikitsaadhyaya: Chapter 28, Verse 100, Page No.51.
- 22. Prof. K. R. Srikantha Murthy , Sushruta Samhita ,Chikitsa Sthana ,Reprint Edition 2010, Chaukhambha Orientalia, Varanasi, Vol 2, Mahavata Vyadhi Chikitsa Adhyaya, Chapter 5, Verse 19, Page No. 71.
- 23. Kaviraj Atrideva Gupta, Ashtanga Hindi Commentary Sangraha ,Sutrasthana, Chowkhamba Krishnadas Academy, Varanasi, Vol 1,Doshabhediyam Adhyaya, Chapter
- 24. Shilpa L.S. et. al.: A Critical Review on the Etiopathogenesis and Treatment of

- Kaphaja Kasa, Journal of Ayurveda and Integrated Medical Sciences, November - December 2016, Vol. 1, Issue 4.
- 25. Sandesh L Chokhar et al , Aushadha Sevana Kala –Described In Samhitas in Ayurveda, SVNHT's Ayurved Mahavidyalaya, Shri Shivaji Nagar, Maharashtra, India, Ayurpharm Int J Ayur Alli Sci., 2016, Vol. 5, No. 2, Page No. 27 - 33.
- 26. Pal Sourav et al : Dosage forms in Aushadha Sevana Kala, SDMCA Hassan, Karnataka, India, Unique Journal of Ayurvedic and Herbal Medicines 2015,03 (05) : September-October 2015, Page No. 68-73.

Corresponding author:

20, Verse 4, Page No. 160.

Dr. Shirvadkar Divvashree M

Post Graduate Scholar, Department of Kayachikitsa,

Ayurveda Mahavidyalaya, Hubli,

Email: divvashirvadkar3@gmail.com

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