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Case Report

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AAMVAT MANAGEMENT THROUGH VAITARAN BASTI: A CASE STUDY

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ABSTRACT

Autoimmune disorders are the conditions in which immune system mistakenly attacks on its own body. The prime example is R.A. i.e. Rheumatoid Arthritis. In this condition usually lining of the joints are involved causing bone erosion and joint deformity. With similarity in signs and symptoms this disease can be correlated with *Amavata* in Ayurved. In Aamvata *Samprapti* starts with *Agnimandya* due to *Mithya Aahara Vihaar* or unhealthy lifestyle. The *Nidana Sevana* leads to *Agni mandya* that produces *Ama* in Body. Vitiated *Vata* dosha carries such *Ama* to *kapha/shleshma sthana*. Such dislodged *Ama* produces acute signs and syptoms e.g. acute swelling, pain, stiffness in the joints. Contempory science offers significant relief in the condition but

produce lots of side effects. In such *Ayurveda* therapy can give very significant relief. Here is a case of a female Patient aged 50 years, withsevere *Shoola* and *Stabdhata in Manibandh and Vama Gulfa Sandhi pradesh* Since 5 yrs. She was dignosed as a case of *Aamvata* and was admitted in *Panchakarma* ward of Parul Ayurveda Hospital. *Ayurvedic* Procedures (*Panchakarma*) i.e. *Valuka Sweda*, *Vaitaran Basti* along with *shaman Aushdhi* were administered. With 15 days treatment patient showed significant improvement. In this study

an attempt has been made to evaluate the effect of *Vaitaran Basti* in modified Schedule along with *Valuka Sveda* and *Shamana Aushadhi*.

KEYWORDS: Amavaat, Vaitarana basti, Valuka sweda, Shamana.

INTRODUCTION

Amavata is a condition of chronic joint pain, accompanied by swelling of some or all of synovial joint, Angamarda (body pain), Aruchi (loss of taste), Alasya, Gourava, Klam and Jwara (Fever). In Ayurveda Aamavata has been named keeping in view two predominant pathological factors viz. Ama and Vata. Vitiated Vata Dosha along with Ama is termed as Amavata. According to Ayurveda Ama is the product of improper metabolism and its origin, Mandagni has been considered an important factor for the pathogenesis of the most diseases^[1] and Vata is the chief functional operator of the all types of bodily movements.^[2] Acharyas have explained that such vitiated Vata dosha carries Ama to Kapha sthanas. Lodge there to produce Lakshanas. In the later stage patient feels Samchari vedana i.e. pain may migrate from one place to other place with the severity like Vrischika damsavedana.^[3]

According to modern science the clinical presentation of *Amavata* has resemblance with Rheumatoid arthritis, in accordance with their similarities in clinical features, like multiple joint pain, swelling, stiffness, fever, general debility. Its etiology still unknown and treatment according to modern science is also expensive, prolonged, producing major side effects e.g. Steroid side effect- Bone deformity.

There is no permanent cure of RA in Contemopary science, but treatment can improve symptoms and slow the progress of the disease. Pain medications, steroids and NSAIDs, DMARDS (Disease modifying anti-rheumatic drugs) e.g. Hydroxychloroquine, Methotrixate are frequently used but may produce side effects e.g. stomach pain, heart burn, ulcers, weight gain. The disease is being chosen for the study due to its wide spread clinical spectrum, increased prevalence and lack of effective medicaments. Prevalence of the disease is approximately 0.8% of the population and about 80% of people develop this disease between the age of 35 to 50yrs.^[4]

In *Ayurveda* the main aim of the treatment is *Aama-pachan*, removal of wrongly lodged *Vatadi doshas* in *Shlemasthana*, excreation of *Pakva doshas*. Acharaya Chakradatta explains the line of treatment of *Amavata* which includes *langhan*, *swedan*, *dipan*, *Virechan and*

Basti.^[5] Among Basti chikitsa, especially Vaitarana basti is considered as the chief treatment regimen of Amavata. When used along with Valuka sweda better results are observed. ^[6]Basti Chikitsa is considered to be a prime treatment modality among the Panchkarma in Ayurveda. ^[7] It is applicable to all cases of Amavata covering a wide range of preventive, curative, and promotive conditions. It is an important measure to eliminate Ama and to pacify Vata dosha. Basti is supposed to be the principal treatment for vitiated vataj disorders. ^[8]

Here, with these *Ayurvedic* modalities, patient was treated successfully. Excellent relief was observed with proper *Pathya sevan* condition. It was maintained even after 1 yr. An attempt has been made to discuss this case.

CASE REPORT

A 50 years old female patient came to Parul Institute of Ayurved with below complaints since 5 years

- Manibandh Sandhi shoola evam sotha
- Morning stiffness in Sarvang Sandhi Pradesh
- Vama Gulfa Sandhi Sotha
- Gamane kashtata
- Dourbalya
- Jwaranubhuti

At the time of admission patient was conscious and oriented.

Past History

No/K/C/O - Allergy/Typhoid/Malaria/Dengue/TB.

H/O –HTN –Since 3 months.

On Examination

• General Condition-Moderate, Pulse rate-80/min

• BP-130/80mm of Hg Weight-64kg

• *Mala*- constipated, *Mutra*- samyka

• Nidra- Disturbed, Kshudha- Samyaka

Jiwha- Sama

Examinatoin

CVS: S1, S2 heard R.S: A/E B/L clear

CNS: NAD G.I.T: NAD

Locomotor examination

Table No 1: Ankle joint.

	Right Ankle joint	Left Ankle joint
Inspection		
1.Affected joint	+(Involved)	+(Involved)
2.swelling	Absent	Present
Palpation		
1.Local Temperature	Absent	Present
2.Tenderness	No	Mild
Movement		
1.Pain on Movement	Yes	Yes
2.Restriction of movement	No	No

Table No 2: Wrist joint.

	Rt Wrist joint	Lt Wrist joint
Inspection		
1.Affected joint	+(Involved)	+(Involved)
2.swelling	+++Present	+Mild
Palpation		
1.Local Temperature	Present	Absent
2.Tenderness	Mild	Absent
Movement		
1.Pain on Movement	Yes	Yes
2.Restriction of movement	ies	res

Samprapti Ghatak

Dosha: Tridosha, Vatapradhan shleshma

Dushya: Rasa, Rakta, Mamsam, Snayu, Kandara, Asthi, Sandhi.

Srotash: Annavaha, rasavaha, Mansa vaha, Asthivaha

Srotodusti prakar: Snaga.vimargagaman

Agni: Agnimandhya

Udbhavasthan: Amashay

Sadhya-sadhyata: Yapya, krucchasadhya.

Table No: 3 Intervention.

Day	Shamana	Shodhan
	1)Kaisor guggulu ^[9]	
	4-4-4 A/f with water	Walter David
1 st week	2)Gokshuradi Guggulu ^[10]	-Vaitaran Basti
	4-4-4 A/f with water	-Valuka sweda
	3)Rasnadi ^[11] +Dashmool kwath ^[12] 80mi-80ml B/F With water	
2 nd week	Same	Same
	1)Kaisor guggulu 4-4-4 A/f with water	
3 rd week	2)Gokshuradi guggulu 4-4-4 A/f with water	Panchkarma stopped
	3)Rasnadi kwath 80ml-80ml B/F with Water	
4 th week	Same	Panchkarma stopped
	1)Kaisor guggulu 4-4-4 A/f with Water	Vaitanan Baati
5 th week	2)Gokshuradi guggulu 4-4-4 A/f with water	Vaitaran Basti
	3)Rasnadi kwath 80ml -80ml B/f with water	-Valuka sweda
6 th week	Same	Same
	1)Kaisor guggulu 4-4-4 A/f with water	
7 th week	2)Gokshuradi guggulu 4-4-4 A/f with water	Panchkarma stopped
	3)Rasnadi kwath 80ml-80ml B/f with water.	
8 th week	Same	Panchkarma stopped
	1)Kaisor guggulu4-4-4 A/f with water	Vaitaran Basti
9 th week	2)Gokshuradi guggulu 4-4-4 A/f with water	-Valuka sweda
	3)Rasnadi kwath 80ml-80 ml B/f with water.	
10 th week	Same	Same
	1)Kaisor guggulu	
at	4-4-4 A/f with water	-Vaitaran Basti
11 st week	2)Gokshuradi Guggulu	-Valuka sweda
	4-4-4 A/f with water	, continued to the continued
a and	3)Rasnadi +Dashmool kwath 80mi-80ml B/F With water	
12 nd week	Same	Same
1 ord	1)Kaisor guggulu 4-4-4 A/f with water	
13 rd week	2)Gokshuradi guggulu 4-4-4 A/f with water	Panchkarma stopped
a 4th a	3)Rasnadi kwath 80ml-80ml B/F with Water	D 11
14 th week	Same	Panchkarma stopped
1 eth 1	1)Kaisor guggulu 4-4-4 A/f with Water	Vaitaran Basti
15 th week	2)Gokshuradi guggulu 4-4-4 A/f with water	-Valuka sweda
1 cth alr	3)Rasnadi kwath 80ml -80ml B/f with water	C
16 th week	Same 1) Krisov gugavliv A A A A frwith water	Same
17 th week	1)Kaisor guggulu 4-4-4 A/f with water	Panchkarma stopped
1/ WEEK	2)Gokshuradi guggulu 4-4-4 A/f with water 3)Rasnadi kwath 80ml-80ml B/f with water.	Tanenkarma stopped
18 th week	Same	Panchkarma stopped
10 WCCK	1)Kaisor guggulu4-4-4 A/f with water	1 anchkarma stopped
19 th week	2)Gokshuradi guggulu 4-4-4 A/f with water	Vaitaran Basti
17 WCCK	3)Rasnadi kwath 80ml-80 ml B/f with water.	-Valuka sweda
20 th week	Same	Same
20 week	зине	Same

Table No: 4: Assessment Sheet.

Assessment	Observation	BT	15 th	45 th day	90 th Day	120 th day	AT
Sandhi Shoola	0.no Pain 1.Mild Pian with no difficult in flexion and extension 2.Tolerable pain with slight difficulty in flex.& exten. 3.Sever pain with restricted movements.	3	2	2	1	1	1
Sandhi Sotha	0.No shotha 1.Mild sotha 2.Moderate sotha 3.Sever sotha	3	3	2	2	2	1
Sparshasahatva	0.No Tenderness 1.Subjective experience of tenderness 2.Wincing of face on pressure 3.Withdrawal of affected parts on pressure 4.Resists of touch	2	2	2	1	1	0
Stabdhata	0.No Stiffness or Stiffness lasting for 5 minutes. 1.Stiffnetss lasting for 5 minutes to 2 hours 2.Stiffness lasting for 2 hours to 8 hours 3.Stiffness lasting for more than 8 hours	1	1	1	1	0	0

Table no: 6: Assessmnet of The Patient.

Parameters	31/03/18	17/04/18	31/8/18
RA Factore	206.7 IU/ml	128 IU/ml	(<10)Nagative

Material Used

In the present study following drug were utilized.

Vaitarana Basti

Mentioned by Chakradatta^[13]

Indications

Gridhrasi, Amavata, Urustambha, Vishama Jwara, Kati shola.

Table No 6: Ingredients of Vaitarana Basti.

Saindhava Lavana	1 karsha(12gm)
Chincha	1 <i>Pala</i> (50gm)
Guda	½ <i>Pala</i> (25gm)
Erand taila	50ml
Gomutra	1 kudav(200ml)

DISCUSSION

After Completion of *Panchkarma* in *Shaman chikitsa* was started, the same protocol was repeated as patient was having relief. Only in between the *treatment Panchkarma* procedure was stopped to avoid *Basti Satmyata* (addiction to the body). *Panchkarma* procedure (combination of *Basti and valuka swedan*) was given continue for 15days.Later 15 days gap was given. Such 3 cycles were competed i.e. in 10 weeks *panchkarma* was done for 45 days.

In *Amavata Chikitsa valuka swedan, Vaitaran Basti*^[14] most of the *Acharyas* have advised. Here as per patient's condition below treatment was selected.

- 1) Valuka swedan: The swedan therapy is considered as one of the prime modality for Vata vyadhis. Here local use of this therapy was done. Usna property of Swedana helps to overcome sheeta property of Vata. This is mainly of two types Snigdha sweda & Ruksha sweda. Valuka sveda comes under Ruksha sweda. Shoshane rukshah as wisely quoated by Hemadri. Here Picchil, Styan aama is absorbed by Ruksha Valuka. It gives instant relief to the patient in both Shoola and Stabhdhata of affected joints.
- 2) Vaitaran Basti Basti therapy has a systemic purifying action over the body. The virya of basti drugs administered through the anal route are absorbed into the pakvashaya, reaches to the whole body through Sukshma srotasa. It can be correlated with the example of tree roots. As the water when poured at the root of the tree reaches to the whole plant [16] Vata is considered to be the main controller of the body. Vata not only acts upon only Vata dosha but also helps to expelled out vitiated remaining doshas, thus acting upon Pitta, Kapha, Rakta etc. among different Niruha Basti Vaitarana basti is indicated in Amaj conditions. Action of Vaitaran basti depends upon the ingredients used in it. The main ingredients are chincha, saindhava, guda, gomutr and Erand taila.

The action of each ingredient are as follows:

1) Saindhava^[17]: It is having Sukshma, Dipan, Pachan Tikshna properties. With Sukshma guna it helps to penetrate Basti dravya inside rectal mucosa. Ushna, Tikshna properties

- helps in *Ama pachan* too. With Na+ present in *Lavana* helps to hold water. It is helpful in removing maximum *Doshas*.
- 2) Jaggary: In this Basti instead of honey (Madhu), jaggary is used. Its along with saindhava makes homogenous mixture, that makes water easily permeable. Before any Shodhan karma it is necessary to bring all Utklishta doshas in koshtha Pradesh. For that four methods have been advised by our Acharyas e.g. Vriddhi, Abhishyanda, pakat etc. Here Guda is said to be very potential to increase kleda. As both Ama and kleda have same properties Doshautklesha occurs readially.
- 3) *Chincha*: *Chincha* is having *Dipaniya*, *Rukhsa*, *Ushna*, *Kaphavatanut*^[18] properties. All these properties are exactly opposite in nature of that of Aama. With proper digestion of *Amaa*, *Paka* karma of *Pooravakarma* occurs.
- **4)** *Gomutra*: In *Vaitaran basti*, the *Gomutra* is the chief content, which owing to its *katu Rasa, katu vipaka, Ushna virya, Laghu, Ruksha, Tikshna Guna* pacifies the *Kapha*. The *Ruksha guna* of *Gomutra* is very much helpful in the diseased condition like *Amavata*. It is useful in *Vaitarana Basti* owing to its *Tridoshahara, Agnideepana, Pachana, Srotovishodhana* and *Vatanulomaka* properties. [19]

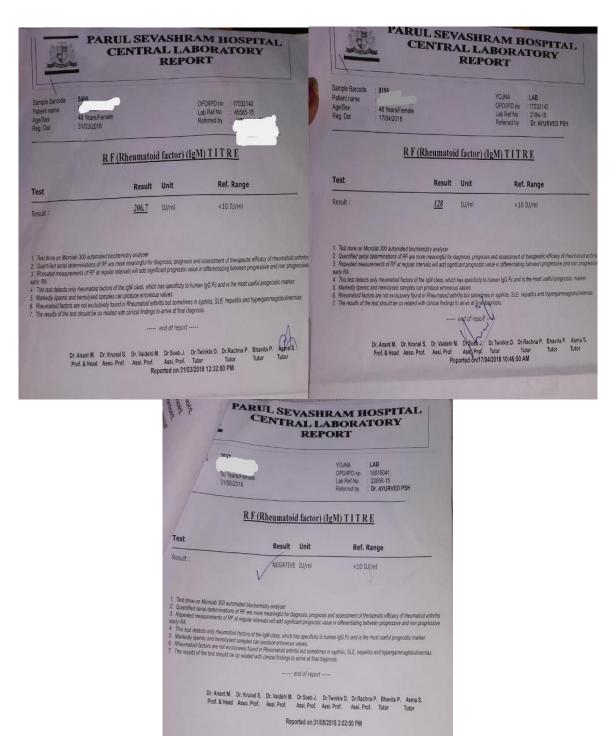
Shaman chikitsa: Along with Panchkarma procedures completion Shaman treatment was administered to the patient.

- 1) *Kaishora Guggulu*: Main ingredients of the drug are Haritaki, Bibhitaki, Amalki, *Sunthi, Marich*. It has *Anulomak*, *Dipan*, *Pachan*, properties^[20] *Trivrit & Danti* are *Virechak Ausadhi*. Generally this is the drug of choice in *Niram avastha* of *Vatavyadhi*.
- 2) Goksuradi Guggulu: Main ingridients are Haritaki, Bibhitaki, Amalki, Sunthi, Marich, are Anulomak, Dipan, pachan properties. [21] Gokshura itself is the Mutral Dravya (Diuretic in nature). As it is said 'Mutrasya Kleda Vahanam'. In Amaavata shotha present on Sandhis is reduced with theses drugs.
- 3) Rasnadi kwath: Main ingredients are Rasna having properties of sothahara, shoolahar, jwaranashak, Amapachani^[22] and Eranda are Anulomak properties.^[23] In Amavata, generally patients complain jvaranubhuti.
- 4) Dashmool kwath: Here to prepare Kwath dravya Dhashmool yavakut was used. Dashmool is include inSothahara mahakashay.by reducing inflammation it helps to decrease Shool in patients.

Continuously for 150 day Shaman treatment was given to the patient.

CONCLUSION

Though Aamvata is an example of Autoimmune disease, it can be well treated with wisely planned Panchkarma and Shaman treatment. The procedure helps in breaking the pathogenesis of the disease *Amavata*, or Rheumatoid Arthritis. When used in scientific method, *Vaitaran Basti* can help in decreasing significant load on healthcare system due to Rheumatoid Arthritis and provide the patients a better and healthier life with lesser complication.



REFERANCE

- 1. Agnivesh, Charasamhita Charaka Chandrika, hindi commentary by Tripathi Brahmand, edition Varanasi, Chaukhambha Surbharti prakashana, Sutra sthana, 2006; 1/15: 6.
- 2. Agnivesh, Charakasamhita charaka Chandrika Hindi commentary by Tripathi Brahmanand, edition Varanasi chaukhambha surabhartati prakashan, Chikitsa sthan, 2006; 1319: 9.
- 3. Madhavkara, Madhavnidana with commentary of Vijayarakshita and srikantadatta, Amavata Nidanam, published by chukhambha sankrite samsthana Varanasi, 2002.
- 4. Harrison TR Dennis L. Casper, Anthony, Bn Dan L.longo, Eugene Braunwald, Stephen L. Hauser, et al. Harrison's Principles of Medicine, 17th International ed, 2007; 314: 2083.
- 5. Vaidhya ravindra shastree, Chakradatta Amavatdhikar Sloka chaokhambha surbharti prakashan Varanasi, 2006; 1: 116.
- 6. Pooja BA, Santosh kumar bhatted,meera k Bhojani, Role of Valuka sweda and vaitarana Basti in the management of Amavata.(RA).Int J Res. Ayurveda pharma, 2013; 4(5): 712-714.
- 7. Chakrapani datta, Vaidyaprabha hindi commentary by Acharya Ramanath Dwivedi edition, Varanasi, Chaukhambha publication, Amnavtadhikar. 2002; 251-56: 171.
- 8. Grade GK, Marathu translation Ashtanga Hridya, edition, pune Anmol prakashan, sutrasthan, 2006; 1/25: 6.
- 9. The Ayurvedic Formulary of India, Ministry of healt & Family welfare.Pg No-67 (Bhaisajya Ratnavali, Vatarkradhikar, 2003; 1: 97-101.
- 10. The Ayurvedic Formulary of India Part-1, Ministry of healt & Family welfare. 7, (Sarangadhara Samhita, Madhyamakhanda Adhyay, 2003; 7: 84-86.
- 11. The Ayurvedic Formulary of India Part-1, Ministry of healt & Family welfare. (Sahasrayoga, Kashay prakaran, 2003; 428: 61.
- 12. The Ayurvedic Formulary of India Part-1, Ministry of healt & Family welfare. (Bhaisajya Ratnawali.kasarogadhikar, 2003; 13; 55.
- 13. Chakrapani datta, chakradatta, Vaidyaprabha Hindi commentary by Achrya Ramanath Dwivedi, edition Varanasi, Chaukhambha publication Niruhadhikar, 2002; 72/32: 455.
- 14. Chakrapani datta, Vaidyaprabha Hindi commentary by Achrya Ramanath Dwivedi, edition Varanasi, Chaukhambha publication Niruhadhikar, 2002; 72/32: 455.
- 15. C.su.14/13.

- 16. Shusrutasamhita Anantram chaukhambha surabharati prakashana, chikitsasthan, 2008; 35/25.
- 17. Bhavpraksha of Bhavmisra, chaukhambha Orientalia, Varansi, Haritkyadi varga, 2015; 1(241): 187.
- 18. Bhavprakasha of bhava misra, chaukhambha Orientalia, 2015; 1(143): 394.
- 19. Agnivesha, Charaka Samnhita with Ayurveda Deepika Commentory of chakrapanidatta, chikitsasthan, Chapter 28, verse 32, published by chaukhambha Sanskrita samsthana, Varanasi, 2004
- 20. Bhavprakasha of Bhava misra, Haritakyadi gana, 2015; 1(19): 133,134,135,136,139. chaukhambha Orientalia,
- 21. Bhavprakasha of Bhava misra, /Haritakyadi gana chaukhambha Orientalia, 2015; 1(19): 133,134,135,136,139.
- 22. Bhavprakasha of bhava misra, Haritakyadi gana chaukhambha Orientalia, 2015; 1(162-164): 164.