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EFFECT OF VASANTIC VAMAN AND OTHER PANCHAKARMA PROCEDURES ON DISORDERS OF VARIOUS SYSTEMS

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ABSTRACT

Kapha(Water element Bio Humor) is dominant and vitiated in Vasant Ritu (Spring Season) as it is described in Ayurveda. Acharya Chakrapani has said in chapter six, that not only Vaman (Therapeutic emesis), but all the five biopurification methods of the Panchakarma should be practiced in Vasant Ritu (Spring Season). Out of the Three Pravit Ritu (Junction of Grishma & Varsha Ritu), Sharad Ritu (Autumn season), Vasant Ritu (Spring season). But the Vasant is the best Ritu (Seasons) in a year for purification, Vasant Ritu (Spring Season) is better one. This pilot research study was carried out to see the effect of this biopurification process on different disorders. The results were marvelous, as symptomatically 58% relief was achieved.

KEYWORDS: Vasant Ritu, Panchakarma, Biopurification.

INTRODUCTION

While studying *Chikitsa* (Line of treatment) from the Ayurved text it was noticed that *Shodhana* (Biopurification) is advised first. In the Ayurved Outpatient Department (OPD), it was noticed that before visiting the Ayurved OPD, patients try most of the modern medicines for their ailment till they visit an

Ayurved physician, and hence, the ailment has already become chronic in most of the patients. Obstruction (Sang) pathology is observed due to vitiation of the Doshas (Principal constituents of body). Kapha (Water element Bio Humor) has the maximum ability for obstruction due to its attributes. In Vasant Ritu (spring season) Kapha (water element Bio Humor) is dominant

and it is stated that when 'Bahu Dosh Lakshana' are present, Panchakarma should be performed.

Today's quality of food and dietary habits, lifestyle, and changes in seasons are often the cause of saturation of toxins in the body, which according to Ayurved are Malas (waste products which are excreted in the visible form) and Aam (Undigested toxic substances that accumulate in the body due to improper digestion and metabolism), and these are also the cause for vitiation of the Doshas. Unless and until the body becomes free from this Mala, Aam (toxic materials), and vitiated Doshas (Principal constituents of body), the health state cannot be achieved. Avurveda has the best therapies in the form of Panchakarma to make the body free from these disease-causing factors. Even in lesser time, excellent results can be achieved, and after Panchakarma, the patient can be treated well with less consumption of medicines and that is within a short period, so it saves time as well as expenses of medicines. Nowadays, Panchakarma is becoming much more popular. Our first aim for this project was to make people familiar with the traditional Panchakarma methods, and to our surprise, tremendous response was received even though very little publicity was done. Our second aim was to check the efficacy of Panchakarma procedures on various disorders.

AIMS AND OBJECTIVES

- To observe the effect of *Vamana* (Therapeutic emesis) and other Panchakarma procedures done especially in the *Vasant ritu*.
- To observe how the *Vamana* (Therapeutic emesis) and other procedures correct the pathology.

MATERIAL AND METHODS

1. Patients attending the OPD and In-patient Departments (IPD) of the Tapibai Ayurvedic

Hospital, Bhavnagar, and fulfilling the criteria, have been selected between the period of 1 April, 2009 to 15 June, 2009, irrespective of their sex and religion. Routine clinical examination was done in order to rule out any other pathology, which may cause while performing the Panchakarma trouble procedure. A special research Proforma was prepared and after detailed history was taken and examination was performed, the selected patients were categorized for the specific procedure. After acquiring knowledge about the presence of 'Bahu Dosh Lakshana', fitness for Panchakarma was checked, and patients were excluded according to exclusion criteria. X-ravs. pathological investigations, and electrocardiograms (ECGs) were conducted wherever required.

2. Knowing their *Agni* (Digestive fire), *Bala* (Vitality or Strength), Koshtha(Digetstive tract or Motility of the intestines & the movments of the food), Prakriti(Natural state), and other conventional clinical parameters, the procedure and course (Line of Rx) were designed.

Inclusion criteria

- 1. Age group 12 years and above
- 2. Patients with Bahu Dosh Lakshana

Exclusion criteria

- Children below 12 years and pregnant women
- High-risk patients, for example, with severe hypertension (HTN), Obese, Koch's, chronic diabetics, mio-cardial infarction.
- Patients with Avar Satva (Lower state of mental well being or strength in a patient)

Treatment course

1. Vamana (Therapeutic emesis)

ma (Therapeutic emesis)	
Langhana, Dipan, Pachan	3 – 5 days
Abhyantara Snehan	5 – 7 days
Sarvang Abhyang and Vashp Sweda [peti box sudation therapy]	8 th eighth day
Vamana (Therapeutic emesis)	9 th ninth day
Samsarjan krama (Graduated dietetic protocol after cleansing procedure)	3 – 7 days
Total	13 – 21 days

2. Sampurna Panchakarma (Complete Procedure with timing of Ayurvedic Bio purification)

Langhan, Dipan, Pachan	3 - 5 days	
Abhyantar Snehan	5 – 7"	
Sarvang abhyang and Vashp Swed [peti (box)]	8 th eighth day	
Vaman	9 th ninth day	
Samsarjan krama	3 – 7 days	
Abhyantar snehan	3 days (9 th ninth, 10 th tenth, and 11 th eleventh days after <i>Vamana</i>	
Sarvang Abhyang and Vashp Sweda [peti box sudation]	14 th Fourteenth day	

Virechan	15 th Fifteenth day	
Samsarjan krama	3 – 7 days	
Vasti	8 th days	
Matra	9 th Ninth day	
Nirooha	10 th Tenth day	
Matra	11 th Eleventh day	
Nasya	12 th Twelth day	
Raktamokshana	13 th Thirteenth day	
Total	29 – 39 days	

Parihar Kaal (Pathya Aahar Vihar)- 1 month

Medicines used for different procedures

Vamak Yog (The use of specific herbal formulations of Vamaka Dravyas) Madanfal Modak (Anubhut)

Contents

Madanphal Pippali Churna (Randia dumetorium)	9 g
Yashtimadhu (Glycerrhiza glabra)	6 g
Trikatu (Gingiber Officinalis, Piper Nigrum & Piper Longum)	3 g
Saindhav (Rock salt)	3 g
Madhu (Honey)	as required

Vamanopag Dravya (For Aakanth paan)

Yashtimadhu phant	4 liters
Cow milk	1 – 1.5 liters
Lukewarm water (Boiled)	1 liter
Salt water	1 liter
Pashchatkarma Kaval Gandush with salt water + Haridra (Curcuma	
Longa)	

Virechan Yog

1.	Draksha (Vitus vinifera)	1 tola (10 g)
	Aaragvadh (Cassia fistula)	1 tola (10 g)
	Haritaki (Terminalia chebula)	1 tola (10 g)
	Katuki (Picrorrhiza kurroa) Kwath + Erand tail	0.5 tola (5 g)
	Icchabhedi Rasa	2Tab if required

[4]

2.	Icchabhedi Rasa	Three tablets	(Given to two patients.)
3.	Abhayadi Modak	Five tablets	(Given to two patients.)
4.	Yog of nine Dravya (one patient.) (Haritaki, Saindhav, Aamalki, Guda, Vacha, Haridrai, Vidang, Sunth) (cha.chi.1/25 – 26)		

Vasti (Medicated enema) (Three days)

Anuvasan	1 st day	(Til tail) 80 ml
Nirooha	2 nd day	(Dashmooladi) 960 ml
Matra	3 rd day	(Til tail) 60 ml
Nasya Shadbindu tail		(Five patients)
Anu tail		(One patient)
Kshar tail		(One patient)
Goghrit		(One patient)

Raktamokshana (Siravedha)

20 G scalp vein needle from right cubital vein.

Follow-up

After completion of the procedure or course, the patients were advised to visit the OPD every week for follow-up

for one month or till they were completely cured. Those who required further treatment after the Panchakarma Shaman Chikitsa was started were readmitted in the IPD.

Assessment criteria

- 1. The patients were diagnosed based on cardinal signs and symptoms of the related disease.
- 2. The patients were checked for *Bahu Dosh Lakshana* and fitness for a particular procedure or complete course.
- 3. Symptoms were graded as mild, moderate, severe, and very severe, and were denoted as given herewith:

Category	Grade	Symbol
mild	1	+
moderate	2	++
severe	3	+++
very severe	4	++++

4. The effect of the treatment was evaluated as per the above gradation. On the basis of the symptomatic improvement reported by the patients, examination assessment had been done, with statistical analysis.

Observation and Results The general observations are shown in Tables 1 to 4 and the results are shown in Table 5

Table 1: General observations.		
Number of patients	30	
Male	21	
Female	9	
OPD level Treatment	19	
IPD	11	
Age group	15 – 70 years	
15 - 25	3	
26 – 35	10	
36 – 45	4	
46 – 55	4	
56 – 65	7	
66 – 70	2	
Total	30	
Examination		
Family History	positive in seven patients	
Past history	positive in six patients	
Drug History	positive in 13 patients	
Habits		
Beedi	Five patients	
Tobacco	Five patients	
Alcohol	One patient	

Disease history

DM	HT	CA
1	1	1

Prakriti

V	2
P	2
K	6
VP	7
VK	5
PK	4
VPK	1
Table 2 : Diagnosis wise observations	
Disease	No. of patients
Ajirna (Indigestion)	1
Amlapitta (Acidity)	2

Anurjataa - Praanvaha (Resp. Allergy)	1
Anurjataa Twak - [shit pitta (Urticaria)]	1
Ek - kushtha (Psoriasis)	6
Gridhrasi + Sthoulya (Obesity)	1
Gridhrasi (sciatica)	1
Uccharaktachaap (HT)	1
Jirna Pratishyaya (DNS)	5
Manyaashool (Cervical Spondylosis)	2
Lasikagranthi Arbud (Lymphoma)	1
Madhumeha (DM-6 years)	1
Paalitya (graying of hair)	1
Shirah shool - Vataj, (Headache)	1
Shwitra (Leucoderma)	2
Tamakshwaas (DNS + asthma)	1
Taarunyapitica (Acne)	1
Kshudrakushtha (Skin Disease.)	1
Total	30

Table 3: Karma and observations.						
Type of Karma	No. of Karmas Remark					
Snehan (Abhyantara)	136 22 patients					
Swedan (Sarvang)	53	22 patients				
Vaman	20	Pittant 16, Kaphant				
	20	4. Veg. Max.12, Min. 4				
Virechan	12	Veg. Max.12, Min. 4				
Vasti	37	Pittant. 8, Kaphant 4 Veg.				
		Max.20, Min. 2				
Nasya	55	13 patients, 7 days – 7, 1				
	33	day - 6 patients				
Raktamokshna	77	patients				
Complete PK	66	patients				

Other

Upadrav

No major complication observed, only one patient S/f CCF having leg edema got weakness, while on Samsarjan krama (diet), so was shifted to the Sir T. (Local - General) hospital.

Symptomatology Symptoms

Aasankashtata, Naasavansh vakrata, Amlodgaar, Paalitya, Anurjata Twak (Shit pitta), Shirah shool, Bahumutrata, Shool - Kati to parshni, Daah, Shool (Ans te parshni), Drashtimaandhya, Shool (Ans to kurpar), Hrillas, Shwaskastata, Jirna Pratishyaaya(sinusitis), Supti - Hasta paad, Kaas, Taarunyapitika, Kandu, Twak mandal, Kaphashtivan, Twak shwetatva, Khalitya, Twak vivarnata, Lasikagranthi vriddhi, Naasastrav, Naasarodh.

Above symptoms were categorized according to the systems.

Discussion Although 50 patients were registered, only 30 patients were selected for Panchakarma treatment; the remaining patients either did not fulfill the criteria or required only *Shaman Chikitsa* (Oral Medication). There were more male patients (21) compared to females (9).

The most interesting thing was that the average age of the patients was 43 years; this shows that middleaged patients are prone to obstruction (Sang) pathology! The patients who required the complete Panchakarma course were between 35 to 60 years. In this age, diseases like diabetes mellitus (DM), HTN, Asthma, and Arthritis limits the lifestyle of the person. Therefore, Panchakarma should be promoted in this age group, to improve their lifestyle by either preventing them from the above disorders or making them free of it. Better prognosis is observed in this age group and practice too.

Prakriti (constitution)-wise, maximum patients belonged to the Vata – Pitta (7 patients, 23.33%), followed by Kapha (6 patients, 20%), and Vata Kapha (5 patients, 16.66%) Prakriti. as Vasant Ritu was the Kapha dominating season, maximum.

Table 4: List of symptom	ns.
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System	Lakshana (Symptoms)
Skin	Kandu
Daah	
Tarunyapitika	
Twak mandal	
Twak shwetatva	
Twak vivarnata	
Twakdalan	
Vali(lalaat)	
Vipadika	
Anurjata Twak(Shit pitta)	
G.I.Tract	Amlodgaar
Hrillas	O
Udardaah	
Udargaurav	
Udarshool	
Udarvruddhi	
Urodaah	
Vibandh	
Nervous System	Aasankashtata
Shirah shool	
Shool (kati te parshni)	
Shool(Ans te kurpar)	
Supti (Hasta - paad)	
Vibandh	
Respiratory	Nasavansh
vakrata	
Kaas	
Kaphashthtivan	
Naasanaah	
Nasarodh	
Nasastrav	
Shwaskashtata	
Kshavthu	
Others	Lasika
granthi	
vriddhi	
Drashtimaandhya	
Sthoulya	
Khaalitya	
Paalitya	
Uccharaktachaap	
Madhumeha	

patients were of *Jirna Pratishyaya* with DNS (5) and *Ek kushtha* (6), which were *Kaphaj Vikara*. Disease-wise the number of patients was less for any particular disease, so the statistical data was made system-wise, hence that result of Panchakarma could be observed in different systems. Maximum symptoms were of skin diseases (n-29), followed by respiratory (n-18), Vata vikara (n-13), and G.I. tract (n-11). This showed that the environment of this area (Bhavnagar) was disturbing the respiratory system and the organ, skin, more than any other; this might be due to excess humidity. Remarkable results were achieved in these four systems — skin, G.I. tract, respiratory, and Vataj vikara, that is, arthritis and nervous system disorders. Results in hair, Obesity, Arbud, Madhumeha (DM), and Uccharaktachaap (HT)

were insignificant due to less number of patients. Good results were observed in Vataj vikara, G.I.tract, skin, and Respiratory, with P < 0.001, and percent-wise 65.38, 65, 58.20, and 45, respectively.

Treatment-wise, *Vaman* was carried on 20 patients. Just within a month (from 7 April to 6 May, 2009), on some days, at a time three *Vaman* were done! This was possible due to good teamwork, better selection of patients, Purvakarma, and good management. Upadrav was observed only in one patient who was suffering from psoriasis, and also had Congestive Cardiac Failure (CCF). In *Vataj Vikara*, *Vasti* was practiced; three patients underwent *Yog Vasti* karma, mostly suffering from sciatica. Remarkable results were achieved in

patients with Deviated Nasal Septum (DNS) and respiratory allergy by *Nasya*. So this proved that Nasya was a good procedure for respiratory allergy and sinusitis. Raktamokshana was practiced mostly in patients suffering from psoriasis and good results were observed.

Effect of therapy

Skin-related symptoms like Kandu (itching), Daah (burning sensation), and *Vaivarnya* (discoloration) were relieved in a very short period after Vaman and Virechan Karma. In the G.I. tract an excellent result was achieved in symptoms like Amlodgar, Hrillas (nausea), Udardaah (abdominal burning), *Urodaah* (heart burn), and *Vibandh* (constipation). Vasti Karma immediately relieved the pain in sciatica and arthritis. Vaman gave good result in a patient with HTN; a systolic pressure of 160 dropped to 140 after the procedure and was stable at 140 even after Samsarjan Krama. Nasya was good for sinusitis, DNS, and respiratory allergy. Symptoms like Kaas (coughing), Nasarodh (nasal obstruction), Nasastrav (runny nose), and Kshavthu (sneezing) were relieved immediately. After a nasya course of seven days, during follow-up, it was given once a week for two months, and also Pratimarsha Nasya was taken in the morning daily for a month, at home. Such a line of treatment was good to eradicate the disease completely.

Table 5: Effect of Panchakarma.								
System/Dis./organ	N	MEAN		(%)	STDEV	SE	Т	P value
	11	BT	AT	Relief	SIDEV	SE	1	P value
Skin	29	2.31	0.96	58.2	1.04	0.19	6.93	< 0.001
G.I.Tract	11	1.81	0.36	65	0.60	0.18	6.5	< 0.001
Respiratory tract	18	2.22	1.22	45	0.59	0.14	7.14	< 0.001
Vatvikar	13	2	0.69	65.38	0.48	0.13	9.81	< 0.001
Hair	2	2	0.5	75	0.7	0.5	3	< 0.10
Med (Fat)	2	2	1.5	25	0.7	0.5	1	< 0.10
Arbud	2	3	2	33.33	1.41	1	1	< 0.10
DM	1	3	2	33.33	0	0	0	0
Eye (Drashtimandhya)	1	2	2	0	0	0	0	0
HT	1	2	1	50	0	0	0	0

is the best solution for pain, it removes the cause of pain by eliminating the vitiated *Vata*. This vitiated *Vata* may be the cause of pain in patients of *Sandhishool* (arthritis).

Nasya is very effective in the disorders of the nasopharyngeal tract, it removes the vitiated Kapha that gets thickened, obstructs the nostrils and the opening of the sinuses, resulting in the obstruction of the function of Vata and as a result DNS and sinusitis (Jirna Pratishyaya) may develop. Nasya breaks this pathology by lubricating the nasopharyngeal tract, and thus it not only removes the sticky Kapha, but also subdues the vitiated Vata by its Oleating quality. Such a miraculous action was also observed in the treatment of DNS, Sinusitis and Allergy.

Raktamokshana (blood letting) removes the vitiated Pitta and toxins within the blood. It is a marvelous treatment

Mode of action

Vaman is very effective in Kaphaj Vikara. This was also observed in the patients of Tamak Swas (bronchial asthma). The wheezing sound and ronchi were totally absent after Vaman Karma, and Vaman is the ultimate therapy to make the patients totally free from bronchial asthma. The concept of Panchakarma is to bring the vitiated Doshas from Shakha (branches and not the extremities – skin, Rakta – Shukra dhatu) to koshtha^[6,7] with the help of Purvakarma, and eradicate them through the nearest outgoing path of the body. [7] Vaman removes the vitiated Kapha from the stomach and half part of the duodenum, whereas, Virechan acts on the Pitta dosha from half part of the duodenum to the ileocecal junction or till the umbilicus, that is, the small intestine, which is 20 - 25 feet in length. Vaman and Virechan remove Kapha and Pitta from the Koshtha. They are driven toward the Koshtha with the help of Snehan and Swedan. In this manner Vaman and Virechan act on the vitiated Doshas of the whole body.

Vasti acts on the Vaat-dominting area, that is, the Pakvashyaya (large intestine), which is the root of all other types of Vata and also it is the root of very important systems like Mutravah and Malavah, that is, the Excretory system. The vitiated Vata may irritate the nervous system and according to Ayurveda, *Vasti*.

for the patients of Psoriasis and other skin disorders. We had six patients of psoriasis and remarkable results were achieved by *Raktamokshana*. The complete Panchakarma course was practiced as an effort toward complete remission of the disease.

CONCLUSION

The above figures, data, statistics, and discussion conclude that *Vasantic Vaman* and Panchakarma were very effective in the disorders of the skin, G.I. tract, Respiratory, and *Vata Vikara*. We observed an excellent result in patients belonging to Bhavnagar city and district. Such a type of treatment should be practiced in all areas of the state and country. Ayurveda physicians should play a major role to eradicate lifestyle-disturbing diseases like allergy, asthma, skin disorders, and arthritis by practicing and promoting Panchakarma. Panchakarma is the sure shot weapon of Ayurveda and it should be

applied wisely. While handling OPD and IPD, it has also come to my notice that when the above-mentioned diseases progress, they become complicated to treat and an emergency arises. If we increase literacy and awareness in the common people by organizing such treatment programs, then there will be fewer emergencies in the medical field. If every Ayurveda physician and student gets a basic knowledge of Practicing Panchakarma, then it will be a great gift of Ayurveda to society, By organizing this project I have contributed in a small way toward this cause, by taking the help of my colleagues and seniors, and training all the 33 interns, masseurs, nursing staff, ayahs, and wardboys in the art of Panchakarma.

Even modern medicine has a limited solution for the management of such diseases, whereas Ayurveda has better medicines, concepts, and procedures. Nowadays, Panchakarma is becoming a blessing for the treatment of such lifestyle-limiting diseases. This fact is also noticed while sitting in the OPD when we got the referrals from modern physicians, who surprisingly send their relatives for Ayurveda and Panchakarma treatment.

This effort of mass Panchakarma treatment is just an example to promote Panchakarma in the society. Dr. Clearke of Philadelphia stated that, 'If all the physicians of modern medicine treat the patients according to the concepts of Charak and Sushrut, there will be less work remaining in the field of medicine!'

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