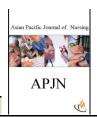


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VRISHYA (SPERMATOGENESIS ENHANCER AND SEXUAL VITALITY) AND GARBHA DOSAHARA DRAVYAS (UTERINE HORMONE REGULATOR) USED IN THE MANUFACTURE OF PUSPA DHANWA RASA-A CRITICAL REVIEW

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ABSTRACT

Male & female infertility are increasing during current times. Shukra and Artava dushti serves as one of the important etiological factor in most of these disorders including oligospermia and polycystic ovarian disease. Oligospermia and polycystic ovarian disease is identified as one of the leading cause of infertility in both developing and developed countries. In this regard an attempt has been made to critical review the Vrisya&Garbhadosahara property during the manufacture of Pushpadhanwa Rasa mentioned in many Ayurvedic classics. The ingredients and the process in which the PushpadhanwaRasa has been prepared mainly having the property of Madhura, Tikta, Kasaya, Katu rasa, Sheetaveerya, madhuravipaka, laghuguna and tridosa samaka property. The ingredients possess property of Vrisya, vajikarna, rasayana, ayusya, putraprada, balya, medhya, manodoshahara, vedanasthapana, garbhasayavisanasaka were noted during analysis.

Key words: Vrisya, Garbhadosa nasak, Infertlity.

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INTRODUCTION

Health is the supreme foundation of virtue, wealth, enjoyment and salvation. So, when in fight against disease and premature death, drugs have been the weapons by man. In Ayurveda, it is described in one of the quadruples of the treatment next physician." Dhatusamya", the sole motto of treatment in Ayurveda is achieved by proper usage of drug. It adds more active functional years to total human life by its preventive, promotive and curative effects. Literally the word Vrishya denotes, the drugs, which potentiate sexual vigor or promote Shukra (seminal parameters) or both. Vrishya drugs are those, which can enhance the spermatogenesis and sexual vitality or both. Many a times it is observed that Vajikarana and Vrishya are taken synonyms with one another. But it is to be noted that

Vajikarana is a therapy and is one among the eight branches of Ashtang Ayurveda whereas Vrishya is the property of the drug or substance. The Physiology of male sexual act and spermatogenesis are interpreted with Vrshya Karma, in connection to this, their pathological aspects which are Klaibya (Male Sexual dysfunction) and Vandhyatva (Male infertility & female infertility) are dealt in detail with their respective management. Loss of artava is the fore most characteristics of vandhyatwa, which was seen in PCOD.

As it includes multiple groups of symptoms, single drug formulations might cover only a fraction of the treatment, hence the search for a group of drugs, particularly, such a group of drugs which are having Vrisya & vajikarana and other multimodal pharmacological actions mightbe highlybeneficial. Such vajikarana



formulations, being very beneficial in psychological symptoms arising due to "tridosha vitiation" (mainly vata) have been selected for the present study.

MATERIALS & METHODS

Compilation and tabulation of vrisya(which potentiate sexual vigor or promote Shukra or both & Garbhadosahara(regularizing the female hormones) property present in Jangama, Audhbiha, Parthiva dravyas in the manufacture of Pushpadhanwa Rasa were done fromcharaksamhita,sushrutasamhita,andRasashastriyalitret ure.Rasa(taste),Guna(quality),Veerya(potency)Vipaka(dru g metabolism),action on Dosas and useful part of the herbs were complied from Bhavprakash Nighntu and test book of Dravyaguna which was tabulated. Compilation & tabulation of Rasa Panchak of drugs used in the manufacture of Pushpadhanwa Rasa were done and tabulated. The tabulated data were then analyzed.

RESULTS

Pushpadhanwa rasa is a popular Ayurvedic medicine used by many renowened vaidyas domestically & internationally for infertility. The different view available has been described in table no-1. Analysis of total 31

different Jangama, Audhbiha, Parthiva present in the manufacture of Pushpadhanwa rasa has been made which are taken from different vargas enlisted from various Ayurvedic tests.(table no -2).Based on relevant references from classical tests and modern tests of dravvaguna useful part was recorded. The parts used appears to be fruit, seed,leaves,rhizome and stem in large number of drugs (table no-3). Rasapanchaka of drugs have been enlisted (table no-3). Madhura rasa is seen in 15 dravyas, kasaya rasa in 14 dravyas, tikta rasa in 12 dravyas, katu rasa in 9 dravyas, amla rasa in 5 dravyas. on analyzing the guna rukshya in 13 dravyas,laghu in 10 dravyas,guru in 8 dravyas, snigdha in 7 dravyas, tikhna in 6 dravyas. on vipaka katu in 15 dravyas and madhura in 14 dravyas.the veerya of most of the dravyas were 18 incomparison to 9 in sheeta veerya dravyas.

Dravyas of similar to vrisya, rasayana , garbhadosa ,putraprada properties with Ayurvedic application were enlisted (table no-4).vrisya in 14 dravyas,balya in 7 dravyas, rasayana in 10 dravyas,yoni dosa in 4 dravyas,putraprada 2 dravyas. Herbs with ayurvedic application & pharmacological application reported through different ayurvedic literatures & research models are tabulated (table no-5 & 6).

Table 1. Showing description of Pushpadhanwa Rasa in different classics

S.No	Name of text	Ingredients	Triturations
1	Yoga tarangini, R.K.Dr	Naga Bhasma	Dhatura beeja Kvatha-Bhanga
		AbhrakaBhasma-	Kvatha, Salmali Kvatha, Yastimadhu
		Louha Bhasma, No	Kvatha,Naga valli swarasa
		rasasindura	Each having 3 bhavana
2	Bruhat Yoga Tarangini,	Rasa sindura	Dhatura beeja swarasa,Bhanga patra
	R.S, R.Ch,Ni.R,B.R,A.F.I-II, Pg-111,	Naga basma	swarasa, Yastimadhui mula
	R.Bh.SePg-35),S.B.S, N.A.N(Pg-89), A.K(Pg-	Louha bhasma	swarasa,Salmali niryasa swarasa
	129), V.T.P (pg. 241)	Vanga bhasma	Nagavallipatra swarasa
		Abhraka bhasma	
3	Yoga Ratnakara in the name	-Do-	-Do-
	Laghu Pushpadhanwa Ras	Abhraka bhasma=3	
	R.Pa,R.R.S,R.R.Si,B.Sh I Pg-137	part,No vanga bhasma	

Table 2.Rasapancaka of Drugs used in the Manufacture of Puspa dhanwa Rasa (According to Jangama, Audhbiha, Parthiya)

1 ai tiii	να <i>)</i>						
S. No.	Dravya	Rasa	Guna	Veerya	Vipaka	Dosa haratwa	Karma
1	Madhu [1]	Madhura, kasaya,	rukhya	seeta	madhura	Vata vardhak	Barnya, Vrisya, medhakara
2.	Godugdha [2]	Madhura	Guru, Snigdha, Alpa Abhisyandi		Madhura	Vata pitta nasak	Balya,Vrisya ,Prajasthapana
3.	Goghrita [3]	Madhura	Mrdu, Saumya,Alpa Abhisyandi	Sita	Madhura	Kapha vardhak	Visahara, veerya vardhaka,Oja, teja bridhikara, Rasayana
4.	Gomutra [4]	Katu	Tiksna	Usna	Katu	Pitta vardhak	Pacana GulmaSula
5.	Takra [5]	Madhura,	Sandra,	Usna	Madhura	Kapha pitta	Garbhavisa nasak



		Amla Anuasa Kasaya	Laghu,			nasak	Brusya Hrudya
6.	Til Taila [6]	Madhura, Anurasa Tikta, Kasaya	Sukhma Visada guru	Usna	Madhura	Pitta vardhak	Brusya Garbhasaya sodhak Bruhana Yoni sula nasak
7.	Kanji [7]		Bhedi, TiksnaUshna			Pitta vardhak	Sula nasak
8.	Kulatha Kvatha [8]	Kasaya		Usna	Katu	Pitta vardhak	Sukrasmari nasak Gulma nasak
9.	Haritaki [9]	Pancharasa(lavana varjita) Kasaya pradhana	Laghu rukhya	Ushna	Madhura	Tridosa nasak	Vrisya Rasayana Vaya sthapana
10	Amalaki [10]	Pancharasa (Lavana Varjita) Amla Pradhana	Guru, Ruksha, Sheeta	Sheeta	Madhura	Tridosa nasak	Vrisya Rasayana
11	Bibhitaki [11]	Kashaya	Ruksha, Laghu	Ushna	Madhura	Kapha pitta nasak	Balya
12	Nimbu [12]	Amla	Laghu	Anusna	Madhura	Pitta vardhak	Deepana,Pachana
13	Adraka [13]	Katu	Tikhna, rukhya,guru	Ushna	Madhura	Kapha vata nasak	Hridya,Vrisya
14	Arka [14]	Katu,tikta	Laghu,rukhya, tikhna,sara	Ushna	Katu	Vata vardhak	Balya, Rasayana
15.	Vata [15]	Kasaya,madhura	rukhya	seeta	katu	Kapha pitta nasak	Barnya, Yonidoshanasaka
16.	Haridra [16]	Katu, tikta	Laghu,rukhya,	ushna	katu	Kapah vatahara	Varnya, pramehanasaka
17.	Chincha [17]	Amla,madhura	Laghu, rukhya,	Ushna	Katu	Kaphavata nasak	Hrudya
18.	Aswatha [18]	Kasya, Madhura	Rukhya, guru	Seeta	Katu	Kapha pittahara	Yoni vishodhana, Varnya
19.	Dhattura [19]	Madhura.kasaya, Tikta	Guru, tikhna Rukhya	Ushna	Katu	Kapha vatahara	Madakari Visahara
20.	Bhanga [20]	Tikta, kasaya	Tikhna, laghu, Rukhya	Ushna	Katu	Kapha vatahara	Vajikara,sukra stambhaka
21.	Yastimadhu [21]	Madhura, tikta	Guru, snigdha	Seeta	katu	Tridosa hara	Sukrala,valya B.P
22.	Salmali ²²	Madhura, kasaya	Pichilla,guru	Seeta	Madhura	Pitta vata hara	Brihana, Rasayana-B.P
23.	Nagavalli [23]	Katu,tikta,kasaya	Laghu,tikhna,	ushna	katu	Vata hara	Srama nasaka
24.	Parada bhasma [24]	Sadrasa	Snigdha, sara, guru	Ushna	madhura	Tridosa nasak	Vrisya,Balya
25.	Gandhaka [25]	Madhura	Snigdha, sara	ushna	katu	Tridosa nasak	Rasayana Veerya vridhi
26.	Manashila [26]	Tikta, katu	ushna	Ushna	katu	Vatakapha nasak	Sarbasrestha rasayana
27	Haritala [27]	Katu, snigdha, kasaya	Snigdha	Ushna	Katu	Kapha nasak	Veerya vridhikara,,jaramrutu nasaka
28.	Naga bhasma[28]	Tikta	Laghu, Sara, Rukhya	Ushna	Katu	Vata kapha nasak	Kamavala,naga sata tulya balam



29.	Vanga bhasma [29]	Tikhna, ushna, Rukhya	Laghu,sara	ushna	katu	Vata prakopa	Valya, Vrisyasarba prameha naska, prajakara, deepana, Pachana
30.	Abhraka Bhasma [30]	Guru	Snigdha	Seeta	Madhura	Vata kapha nasak	Pragya bodhi Khya nasak Vrisya, Ayusya Putraprada
31.	Louha bhasma [31]	Guru	Rukhya	Seeta	Madhura	Tridosa nasak	Putraprada,Bala kara Vrisya, Vayastambhna,

Table 3. Showing description of Dravyas/Utility/Literature in manufacturing Pushpadhanwa Rasa in different classics:

Name of the	Utility in preparing	Carak samhita	Sushruta samhita	Rasashastriya literature
Dravya	pushpadhanwa			
	Rasa			
Madhu	Anupana of	Madhuvarga ³³	Madhuvarga ³⁴	Madhura trikam,
	pushpadhanwa Ras ³²			Panchamruta ³⁵
Godugdha	Samanya	Gorasa Varga ³⁷	Ksrira Varga ³⁸	Pancha gavya, khirastaka ³⁹
	Shodhana of			
	Abharaka ³⁶			
	Shodhana of			
	Dhatur, Bhanga			
Goghrita	Anupana of	Madhura Skandha,	-	Mitrapanchaka ⁴³ ,Dravanapanc
	Puspadhan	Yamaka,		haka ⁴⁴ ,Dravaka varga ⁴⁵
	wa rasa ⁴⁰ ,	Mahasneha		
	Amritikara	Rasashastreya		
	na Of Lauha ⁴¹	Panchamrita,		
		Panchagavya ⁴² ,		
Gomutra (cow's	Samanya Shodhana	Mutra varga ⁴⁷	Mutravarga ⁴⁸	Pancha gavya,
urine)	of Naga, Vanga and			Mutravarga, Mutrastaka ⁴⁹
	Louha ⁴⁶			
Takra (butter	SamanyaShodhana	Gorasa Varga ⁵¹	TakraVarga ⁵²	Pancha gavya ⁵³
milk)	of Naga, Vanga, and			
	Louha, Abhraka ⁵⁰			
Til taila (sesame	Samanya Shodhana	Taila Varga ⁵⁵	Taila Varga ⁵⁶	Taila Dravya ⁵⁷
oil)	of Naga, Vanga,			
	Louha, Abhraka 54		,,,	,
Kanji	Samanya Shodhana	Madya varga ⁵⁹	Madya varga ⁶⁰	Amla varga ⁶¹ , Sandhana varga
(sour gruel)	ofNaga,vanga,Louha			
	, Abhraka ⁵⁸			
Kulaththa kvatha	Samanya Shodhana	-	-	-
	of Naga, Vanga,			
	Louha, Abhraka ⁶²			64
Haritaki	Visesa shodhana of	Prajasthapana	Parusakadi,Bara(Tri	Louha maraka gana ⁶⁴ , Krushna
(fr.)	Louha ⁶³ , Trividha		phala)	varga
	paka of Louham			
Amalaki (fr.)	Visesa shodhana of	Vayasthapana,	Triphala,	Louha maraka gana ⁶⁶
	Louha, Trvidha louha	Virechanopaga	Parushakadi	
	paka, amruti karana			
	of Louha. ⁶⁵			7.0
Bibhitaka(Fr.)	Visesa shodhana of	Jwarahara,	Triphala, Mustadi	Louha maraka gana ⁶⁸
	Louha, Abhraka ⁶⁷	Virechanopaga		Bara(Triphala)



Nimbu (fr.)	Marana of vanga	-	-	Amla varga ⁷⁰
	bhasma ⁶⁹ , Trividha louha paka,Abhraka			-
	amruti karana			
Ardraka	Shodhana of	Sulaprasamana, Trupti	Pippalyadi,Trikatu	kaphanasak gana ⁷²
(Rhizome)	Manashila ⁷¹	ghna,Arsoghna,Dipani ya,Trusnanigrahana		7.
Arka (Kheera)	Marana of Abhraka bhasma ⁷³	Vamanapoga,Bhedany a,Swedapoga	Adhavagohara,Arka di	kaphanasaka gana ⁷⁴
Vata(Ankura)	Bhavana dravya of Rasasindoora ⁷⁸	Kasaya skandha, Mutrasangrahaniya	Nyogradhadi	Lohiti Karana of Abhraka, abhrakaMaraka gana ⁷⁶
Haridra (Kanda)	Visesa shodhan of Vanga ⁷⁷	Tiktaskandha,Lekhani ya,Kandugha,visaghna	Haridradi,Mustadi,Sl eshmaprasamana	Abhrka maraka gana ⁷⁸
Chincha(Twak)	Jarana dravya for Naga & Vanga bhasma ⁷⁹			Jarana dravya, Amla varga, Khara varga ⁸⁰
Aswatha(Twak)	Jarana dravya for Naga & Vanga bhasma ⁸¹	kasaya skanha, Mutra samgrahaniya	Nyagrodhadi	Jarana dravya ⁸²
Dhattura (Beeja)	Bhavana dravya of pushpadhanwa Ras ⁸³			Upavisa ⁸⁴ ,ScheduleE(D&CAC),Rasa,marana ⁸⁵ ,Rasasodhana jarana
Bhanga (Patra)	Bhavana dravya of pushpadhanwa Ras ⁸⁶			Upavisa ⁸⁷ ,ScheduleE(D&CAC),Rasabhasma kruta ⁸⁸ ,Parada bandhan
Yastimadhu (Panchanga)	Bhavana dravya of Pushpadhanwa Ras ⁸⁹	Jivaniya, Sandhaniya, Varnya,Kandughna,C hardinigrahana,Sneha poga,Vamanapoga, Sonitasthapana,Mutra virechaniya,	Saribyadi,Kakolyadi	Louha maraka rasayana ⁹⁰
Salmali (Niryasa)	Bhavana dravya of pushpadhanwa Ras ⁹¹	Sonitasthapana, Vedan a sthapana	Priyanguadi	Pittanasaka gana ⁹² , Rasa nirjiva kara ⁹³ , Rasabandhanaka
Nagavalli (Patra)	Bhavana dravya of pushpadhanwa Ras ⁹⁴	Matrasitya adhya	Arnapana vidhi Adhya	Abhraka maraka gana ⁹⁵ Rasa nirjivi,kara ⁹⁶ ,Rasabandhanaka ⁹ ⁷ ,Rasa ,sodhna jarana ⁹⁸ , rasa bhasma,kruta ⁹⁹ ,Parada kramana ¹⁰⁰
Parada	Preparation for Rasasindoora ¹⁰¹	-	-	Rasopanishata quotes that as soul plays an important role in body, likewise Parada is a soul of Rasashastra and without Parada, existence of Rasashastra could not be imagined. (R.P – 1/17)
Gandhaka	Preparation for Rasasindoora ¹⁰²	Gandhaka is mentioned in KusthadiChurna for Dadru, Kandu, Pama and Vicharchika for external application for dusting 103	Mahavajraka taila ¹⁰⁴	Uparasa, Vida dravya Sreshtha
Manahshila	Marana dravya of	Manahsila has been	Manahshila in the	Uparasa ¹⁰⁸



	Naga bhasma ¹⁰⁵	used for the treatment	treatment of disease	
	ivaga oliasilia	of, Unmada, in	like Vrana,	
		Visa, Moreover, it is	,	
			Upadansha, andKshudrarogas ¹⁰⁷ .	
		used for	andKshudrarogas .	
		external application in		
		skin diseases ¹⁰⁶ .		
Haritala	Marana dravya of	Haratala has been	Dhatu visha,	Uparasa, marana dravya of
	vanga bhasma ¹⁰⁹	used for the treatment	Haratala in the	vanga bhasma
		of, Unmada, in	treatment of disease	
		Visa, Moreover, it is	like Vrana,	
		used for external	Upadansha,	
		application in skin	andKshudrarogas.	
		diseases.		
Naga bhasma	Preparation of	Used for Trapvadi	Trapvadi gana ¹¹⁴ ,	Dhatu varga ¹¹⁷ , putilouhas ¹¹⁸ ,
	puspadhanwa rasa ¹¹⁰	lepa ¹¹¹ Pancha,	variety of	constituent of divya ausadhi
	P as P as a second	louha ¹¹² ,Kustha roga	silajatu ¹¹⁵ ,used in	yoga ¹¹⁹ ,
		chikitsha ¹¹³	kaphaja arbuda ¹¹⁶	, ,
Vanga (bhasma)	Preparation of	Used for Trapvadi	Trapwadi gana ¹²⁵	Dhatuvarga ¹²⁶ ,Putilouha ¹²⁷
vanga (onasma)	puspadhanwa rasa ¹²⁰	lena ¹²¹ nancha	Trupwaar gana	Diatavarga ,i atiloana
	puspadiiaiiwa rasa	lepa ¹²¹ pancha louha ¹²² , Jihwa		
		nirlalshana yantra 123		
		nirlekhana yantra ¹²³ , vasti netras ¹²⁴ ., Vasti		
A11 1 11	D C	netras,Trapu churna		N. 1 129
Abhraka bhasma	Preparation of	-	-	Maharasa varga ¹²⁹
	Pushpadhanwa			
	rasa ¹²⁸	121	122 124	124
Louha bhasma	Preparation of	Rasayana ¹³¹ ,Navayasa	Arbuda ¹³³ Pandu ¹³⁴ ,	Dhatu Varga ¹³⁶ , Sudha
	puspadhanwa rasa ¹³⁰	churna ¹³² ,Vyoshadi	Palitya, Khalitya	Louha ¹³⁷ .
		ghrita Lauha churna	Sleshmaja granthi ¹³⁵	

Table-4 Categorisation of herbs on the basis of part used/Rasa/Guna/Vipaka/Veerya/Dosa haratwa

Table-4 Cau	rable-4 Categorisation of herbs on the basis of part used/Kasa/Guna/vipaka/veerya/dosa naratwa										
Part used	No	Rasa	No	Guna	No	Vipak	no	Veerya	No	Dosaharatwa	No
Fruit	5	Madhura	15	Rukshya	13	Katu	15	Ushna	18	Tridosa shamak	6
Seed	3	Kasaya	14	Laghu	10	Madhura	14	Sheeta	9	kapha pitta shamak	4
Rhizome	2	Tikta	12	Guru	8	-	-	-	-	Kaphavata shamak	7
Leaves	3	Katu	9	Snigdha	7	-	-	-	-	-	
Stem bark	2	Amla	5	Tikhna	6	-	-	-	-	-	-

Table no-5 Showing description of Ayurvedic application of Dravyas used in the manufacturing Pushpadhanwa Rasa in different classics:

united that that sites.		
Dravyas	Ayurvedic application	Pharmacological application
Madhu	Veerya vardhak ¹³⁸	Antioxidant ¹⁷⁶ ,Increase the epididymal sperm count and reproductive
		hormones ¹⁷⁷ ,Fertility enhancer ¹⁷⁸
Goghrita	Vandhya ¹³⁹ , sahasra	Improving sperm quality ¹⁷⁹ ,Improving egg quality ¹⁸⁰
	veerya ¹⁴⁰ Rasayana,	
	Vajikara, Rasavardhaka ¹⁴¹ ,	
Haritaki(Fr.)	Vrisya ¹⁴²	Seminal defect, General Debility ¹⁸¹
Amalaki(Fr.)	Vrishya ¹⁴³ , Rasayana ¹⁴⁴ .	Reduces the frequency of spermhead abnormalities ¹⁸²
Bibhitaki	-	Higher antioxidant and radical scavenging activity ¹⁸³
Nimbu(Fr.)	Balya ^{145.146}	Anti oxidant ¹⁸⁴
Ardraka Rhizome)	GarbhasayaSodhaka,Vrisya	Enhancing spermatogenesis and LH secretion 185



	147	
ARKA (Kheera)		Anti oxidant effect ^{186,187}
Vata(Ankura)		7 Hit Galduit Circci
Haridra (Kanda)	Garbhsayasotha, stanya	
Turidia (Randa)	dosha, Pradara, Sukra	
	dosha ¹⁵⁰	
Chincha(Twak)	Sukra taraly ¹⁵¹	-
Aswatha(Twak)	Pradara, Atyartava, Garbhas	-
, ,	rava, Yonivishodhana ¹⁵²	
Dhattura (Beeja)	Used for vajeekarana,	Increases the secretion of melatonin and serotonin phytochemicals ¹⁸⁸
	stambhaka as for unani,	
	increase sexual power.	
	Dhatura phala (beeja)	
	churna with ghee & madhu	
	causes garbhadhana. If we	
	give it with maricha then it	
	will cure night	
	discharge ¹⁵³ .Matula mula	
	was used for vandhya ¹⁵⁴ .	
Bhanga (Patra)	Garbhasaya sankocaka,	Increase the plasma secretion levels of LH & FSH.
	vajikarana,.For garbhasaya	Immuno modulator. 189
	sankocana it was a good	
	remedy.In case of difficult	
	in menstruation it was very	
	much useful.It is a good vajikarana dravya.It is a	
	good sukra	
	stambhaka.According to	
	unani if the paste of	
	bhanga was applied over	
	the mutrendriya then it	
	increases the sexual	
	power ¹⁵⁵ .	
Yastimadhu(Panch	SukralaJeevaniya ¹⁵⁶ ,Vrisya	Immunodisorders anti oxidant activity, Estrogenic activity
anga)	Putradam ¹⁵⁹ , Garbhak	
	ara ¹⁶⁰ , Alparetas ¹⁶¹ , Vandhy	
	anasaka ¹⁶² ,Kheenaveerya ¹⁶	
	³ ,Sandhatwa ¹⁶⁴ .	
Salmali (Niryasa)	Veerya vardhaka,	Aphrodisiac, Menorrhagia
	garbhastapaka, Kama	
	udipaka ¹⁶⁵ . Improves	
	sexual power, vala vardhaka. It is having good	
	effect in sweta	
	pradara ¹⁶⁶ .When	
	garbhasaya was filled by	
	up by rakta then Mocarasa	
	can be used ¹⁶⁷ .	
Nagavalli (Patra)	Kamagnivardhaka,	Anti oxidant
	swelling on the breast,	
	Nervine tonic ¹⁶⁸	
Parada	Rasayana, Vrishya, Balya ¹⁶⁹ .	-
Gandhaka	Balya, Rasayana ¹⁷⁰	-
	1,,	L



Haritala	Rasayana and Vajikrana ¹⁷¹	As a 'tonic' in debilitating diseases
Naga bhasma	Rasayana 172	Testicular regenerative capacity ¹⁹⁴ Good for rasayana
Vanga (bhasma)	Balya,Rasayana,	Testicular regeneration property increases
	Vrisya,garbhasaya	spermatogenesis"oligospermia
	chutihara,svapna dosha	
	hara,, Sveta pradara	
	hara ¹⁷³ .	
Abhraka bhasma	Vrisya, Rasayana,	-
	Putraprad, Pragyabodhi, Dhatuvardhaka ¹⁷⁴	
	Dhatuvardhaka ¹⁷⁴	
Louha bhasma	Vrishya, Rasayana ¹⁷⁵	-

DISCUSSION

Available references of Pushpadhanwa Rasa shows that acharya Bahata was the pioneer to depict this formulation in between 9-11th century(As confermed in PHD thesis of Dr Rambabu Dwivedi). This yoga contains 12 bhasmas along with 25 herbal ingredients. Latter the authors of different texts have explained yoga on the the same concept with little variation name. Regarding addition of bhasmas by some authors and replacing of some other ingredients was done by some of the authors, which suggests that the changes made by them was for enhancing the properties of yoga.from the period of acharya Bahata to R.T.S.S.P.S, the preparation gaining its popularity. The etymology of the word pushpadhanwa indicates towards kamadeva dhanu(depicts from Sabdakalpadruma, Vachaspatyam).kamadeva means to increase the sexual power. After depicting all the samhitas a vajikarana drug could be given in both male/ Female. As this sarira is saddhatwatmaka in nature may it be male female. requires sexual enjoyment.so saddhatwamtaka sarira needs a preparation which could increase the sexual power. As from the views of Chanakya that females are two times more in ahara, four times more in Lajja, 6 times more in sahasa & eight times more in kamasakti than male counterpart.but due to different physical and psychological stresses the kamasakti of both male and female decreases. As this preparation contains ingredients having property of enhancing the sexual hormones in both male and females it might be given in both partner.

The composition of one formulation mainly depends upon two criteria(Vagbhata; Ashtanga Hridaya, Vidyotini Bhasa Tika by Kaviraj Atridev Gupta & Yadunandan Upadhyaya, Published by Chaukhamba Sanskrit Samsthan, Varanasi. Ed.-13th, 2000, Uttar sthan Ch-40/49)

Chief constituent

- 1. Supporting constituent it includes
- a. Drug, supports the chief ingredient in it's action
- b. Drug, which eradicates the toxicity of the formulation

- c. Drug, which are responsible to give the nature of the formulation.
- 1. The **Chief Constituent** present in Pushpadhanwa Rasa were Rasasindoora, Nagabhasma,vanga bhasma, Louhabbhasma, abhraka bhasma, Dhaturabeeja, salmali, Bhanga patra, Yastimadhu, Nagavalli swarasa.
- 2. Supporting ingrdient

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- Parada, gandhaka, Vatankura kvatha for Rasasindoora
- Manahshila Kanji juice for Naga bhasma
- & Haritala bhasma and Nimbu swarasa for Vanga bhasma
- Triphala kvatha for Louha bhasma
- Arka dugdha for Abhraka bhasma

B.

- Til taila, Gomuta, Takra, Kanji, Kulatha kwatha for detoxification of metals used in this herbomineral preparation
- Aswatha for Oxidation of the metals
- Adraka swarasa for detoxification of manahshila
- Ghee madhu are responsible for detoxification of the hebomineral preparation

C.

Madhu, ghee Sarkara dugdha possesses madhura as chief rasa, increasing snigdha guna which acts on the elevated vata dosa.

A careful review of the literature provided in table no 1 suggests regarding the variations in the herbo mineral constituents of pushapadhanwa rasa. Nonetheless, the formulation mentioned in Bruhat yoga tarangini is accepted widely for its authenticity. The Āyurvedic formulary of India also reproduces the same formulation for statutory purpose. Hence the formulation of Bruhat yogatarangini was selected for the study.

The ingredients and the process in which the push padhanwa rasa has been prepared mainly having the



property of madhura, tikta, kasaya, katu rasa, sheeta veerya, madhura vipaka, laghu guna and tridosa samaka property. The ingredients possess property of Vrisya, vajikarna, rasayana, ayusya, putra prada, balya, medhya, manodosha hara, vedana sthapana, garbhasaya, visanasaka etc. The drug Pushpadhawa rasa when administered to the patient through oral route due to it laghu guna, katu rasa and ushna veerya acts as deepana and pachana and regulates the Agni. The formation of dhatu from rasa to sukra or artava is by the madhura rasa and vipaka, snigdha guna and sheeta veerya. These properties of the preparation of pushpadhawa rasa act for rasayana, vajikarana, Vrisya, balya, vayasthapaka, Medhya and vata samaka karma. As a result, the symptoms like ovarian cyst subside.

CONCLUSION

Drugs mentionedin ayurvedicclassics have

multifarious pharmacological properties. Some of the research studies carried out on these herbs confirmed both enhancing spermatogenesis & Regularising female hormone activities.this observation is useful treat both male & female infertility.

From the above formulations it indicates that pushpadhanwa Ras can be used for Vrisya (aphrodisiac), vajikarana (Increased sexual power), vandhyatwa (sterility in both male & female). As it suggests that it was a preparation that can be used for male infertility due to oligospermia & female infertility due to ovarin cyst, we design our study to see the effects of pupadhanwa rasa in male albinorats for their sexual behaviour as evidenced by an increase in number of mounts & mating performance in sterile animals & in female infertility to see the effects on poly cystic ovarian cyst.

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