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CONCEPTUAL REVIEW OF ARTAVA VYAPADA- ASRIGDARA IN AYURVEDA

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ABSTRACT

In Ayurveda, one of the most common Artavavyapada characterized by excessive flow of Artava through Yonimarga is described as Asrigdara. Asrig means Raja (Menstrual blood) and Dara means excessive excretion of artava. As mentioned in ayurvedic texts, Rituchakra occurs every month in women. Aacharya Charaka has mentioned Asrigdara as Pradara in Yonivyapada Chikitsa Adhyaya because in Pradara, pradirana of Raja is the main characteristics feature too. Normal menstrual cycle occurs at an interval of 21 to 35 days for duration of 4 to 5 days with an average 20 to 80 ml of menstrual blood. Menses persisting either for more than 7 days or 80 ml in terms of amount is considered as Menorrhagia which is one of the causes of DUB. Dysfunctional Uterine Bleeding is regarded as excessive bleeding of uterine origin not related to any demonstrable pathology. Hence, Asrigdara can be correlated with DUB in modern science. Asrigdara is one of the Rakta pradoshaja vyadhi and comes under Pittavritta Apana Vata. The main cause of any disease to be occur is the Nidana- causative factors which initiate samprapti of disease. Various Vata-pitta and rakta vitiating nidana commences samprapti of Asrigdara. Ayurveda is based upon principle of Nidana Parivarjana as first line of chikitsa in any vyadhi. In current study, main efforts are made to review literature related to Asrigdara with Nidana and Samprapti with focus on chikitsa of Asrigdara in Ayurveda.

KEYWORDS: Artavayapada, Artava, Asrigdara, DUB, Nidana Parivarjana, Chikitsa.

INRODUCTION

Artavavyapada are called as disorders of Artava. In Ayurveda, Artava, Asrig, Raja etc. words denote menstrual blood. Menstruation is physiologically occurring phenomenon in every woman. Rituchakra or Menstrual cycle occurs at every monthly interval with certain amount of bleeding through yonimarga naturally. Asrigdara is one of the Artavavyapada defined as excessive, prolonged and irregular uterine bleeding. It is one among the Rakta Pradoshaja Vyadhi described in Ayurveda. It impairs woman's physical, emotional, social and psychological quality of life. In modern science, Asrigdara can be corelated with Dysfunctional Uterine Bleeding which is one of the causes of abnormal uterine bleeding without any clinically detectable organic, systemic and iatrogenic cause. It is devastating gynecological condition affecting approximately 30% of patients attending gynecological clinic, if not treated earlier, can lead to adverse effects on reproductivity of female or may require surgical intervention later on to get relief from symptoms. In this article, review of Asrigdara with its Nidana, Samprapti and Upadrava with prime focus on various types of Chikitsa is

mentioned.

AIM AND OBJECTIVE

Primary aim is to discuss about *Asrigdara* and its *Nidana*, *Samprapti* with an objective to review role of Ayurveda in Management of *Asrigdara*.

MATERIAL AND METHOD

All classics of Ayurveda like *Brihatrayee*, *Laghutrayee* including other texts and articles related to *Asrigdara* are reviewed.

CONCEPTUAL STUDY

In Ayurveda, *Artava* is defined as something which flows out at specific period through *Apatyamarga* by *Vayu* with having characteristic feature of specific odor and slight blackish color. This *Artava* or *raja* is produced from *Rasa dhatu*, coming out for 3 days at every monthly interval. Normal *artava* is that which is not *pichhila* in nature occurring at intermenstrual period of one month for duration of five days without any associated pain or burning sensation and not in very excessive or scanty amount. Normal amount of *artava* is four *Anjali*.

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Any abnormality in *rituchakra* leads to excessive, prolonged and irregular uterine bleeding. *Asrigdara* comprises of two words, *Asrig* and *Dara*. *Asrig* means *Artava* or *Raja*. *Dara* means excessive excretion. Therefore, asrigdara is characterized by excessive flow of *Artava* through *yonimarga*. [5] *Acharya Sushruta* defined it as excessive bleeding including prolonged blood loss during menstruation with scanty blood loss during intermenstrual period which is different from normal *artava*. [6] It is also described as *Pradara* and *Raktayoni*. [7] In Ayurveda, Majority of Acharyas have accepted four types of asrigdara according to involvement of doshas. All types of asrigdara are

associated with bodyache and pain. [8]

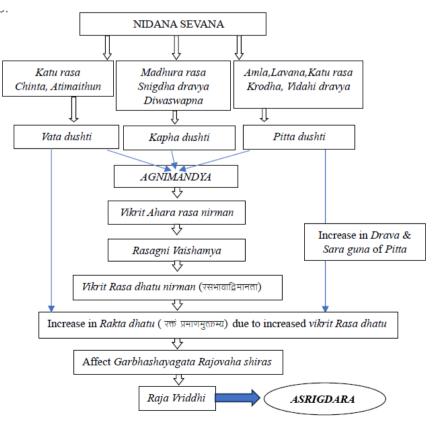
In Modern science, Menstruation is the visible manifestation of cyclic physiological uterine bleeding due to shedding of endometrium following invisible interplay of hormones through HPO axis. [9] Normal menstrual cycle occurs at an interval of 21-35 days with mean of 28 days for duration of 4-5 days in amount of approximately 20-80 ml blood loss with an average of 35 ml. A state of abnormal uterine bleeding without any clinically detectable organic, systemic and iatrogenic cause is termed as Dysfunctional Uterine Bleeding. [10]

ETIOLOGY

There are variable causes of Asrigdara are mentioned in various texts of Ayurveda which are listed below;

SAMHITA	NIDANA		
Charaka Samhita	- Woman who intakes <i>Lavana</i> , <i>Amla</i> , <i>Guru</i> , <i>Katu</i> , <i>Vidahi</i> , <i>Snigdha dravyas</i> , <i>Mamsa</i> of <i>Gramya</i> , <i>Aaudaka</i> & <i>Medya</i> animals, <i>Krshara</i> , <i>Payasa</i> , <i>Dadhi</i> , <i>Shukta</i> , <i>Mastu</i> , <i>Sura</i> excessively ^[11] - <i>Shonitajanya Vyadhi</i> ^[12] - As a complication of <i>Yonivyapada</i> ^[13]		
Sushruta Samhita	- Pittavritta Apana Vata ^[14]		
Ashtang Samgraha & Ashtang Hridaya	- Rakta-ativriddhi ^[15] and as Upadrava of Yoniroga		
Madhav Nidana, Bhav Prakash & Yoga Ratnakar	Viruddha bhojana, Madya sevana, Adhyashana, Ajeerna, Garbhapata, Atimaithun, Atimargagaman, Atikarshana, Abhighata, Diwaswapna, Shoka ^{[16],[17],[18]}		
Harita Samhita	Vata filled milk carrying channels of Vandhya (Infertile woman) ^[19]		
Bhela Samhita	Due to blood entering into abnormal passage ^[20]		
Kashyapa Samhita	Rakta Pradoshaja Vyadhi		

PATHOGENESIS



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CLINICAL FEATURES

As per Aacharya Charaka, the main characteristic feature of Asrigdara is excessive bleeding P/V during menses. Aacharya Sushruta also includes excessive amount of bleeding for prolonged period during menstruation and/or with scanty flow even for shoretr duration in intermenstrual period which is different from shuddha artava as Asrigdara. All types of Asrigdara are associated with bodyache & pain. Acharya Dalhana also mentioned burning sensation in lower portion of groin, pelvic region, back, kidney region and pain in uterus. [21]

TYPES

Most of classical texts of Ayurveda such as *Charaka Samhita*, *Madhava Nidana*, *Bhavprakash*, *Yoga Ratnakar*, *Sharangdhara Samhita* have described 4 types of *Asrigdara* i.e. *Vataja*, *Pittaja*, *Kaphaja*, *Sannipataja*. ^[22] *Aacharya Charaka* has also mentioned *Dwandaja* type of *Asrigdara* as he described treatment of *Pitta-vataja Asrigdara* also. *Aacharya Vriddha Vagbhatt* explained its 3 types. ^[23] Commentators *Dalhan & Indu* mentioned 7 types of *Asrigdara*. Clinical features of each type of *Asrigdara* according to dosha are as following;

SYMPTOMS	VATAJA	PITTAJA	KAPHAJA	SANNIPATAJA
AMOUNT OF	अल्पमल्पं(M.N)	मुहुर्मुहु (Ch)	बहलं(Su)	
FLOW		भृशवेगि(M.N)		
COLOUR	किंशुकोदक ,श्याव(Ch)	नील,पीत,असितं,	पाण्डु(Ch)	सर्पिर्मज्जावसोपमं(Ch)
	अरूण(Ch,M.N),	नितान्तरक्त(Ch)	गैरिकोदक(Su)	काञ्जिकाभं(Su)
	पिशितोदकाभ(M.N)	हरित, श्याव(Su)		
	कृष्ण(Su)	गृहधूमाञ्जनोदक		
		कृष्णं(A.S)		
ODOUR	लोहगंधी(A.S)	विस(Ch)	वसागंधी(A.S)	दुर्गन्धि (Su)
		मत्स्यगंधी(A.S)		
CONSISTENCY	फेनिल,तनु,रूक्ष(Ch)		गुरू,पिच्छिल,	पिच्छलं(Ch)
	परूष(Su)		घनं(Ch)	
NATURE OF	शीघ्रं अस्कंदी(Su)	अस्कंदी (Su)	तन्तुमतं,स्कंदी,	शश्चत् स्नाव(Ch)
FLOW	वेगस्रावि(A.S)		व्रणद्वारावसादी(A.S)	
			चिरस्रावी(Su)	
PAIN	सरूज / नीरूज(Ch)	अरतियुकतं(Ch)	मंदरूजाकरं(Ch)	
ASSOCIATED	कटिवङ्क्षण	दाह,राग,तृष्णा,मोह	छर्दी,अरोचक,	तृष्णा,दाह,ज्बर,
SYMPTOMS(Ch)	हत्पार्श्वपृष्ठश्रोणीशृल	ज्बर,भ्रम	हल्लास,श्वास,कास	क्षीणरक्त,दुर्बल
NATURE OF	शीतलं (A.S)	अत्युष्ण (Ch)	शीत (Ch)	
DISCHARGE				

COMPLICATIONS

If *Asrigdara* is not treated earlier, it can lead to *Daurbalya*, *Bhrama*, *Murchha*, *Tama*, *Daha*, *Pralapa*, *Pandutva* and disorders of *Vata* like *Akshepaka* etc...due to excessive bledding.^[24] *Aacharya Charaka & Vagbhatt* have mentioned *Shoth* resulting due to chronic blood loss as delayed complication.^[25]

PROGNOSIS

Sannipataja Asrigdara is incurable according to Ayurveda. Acharya Charaka there has explained its incurability if women suffering from profound continues bleeding with thirst, burning senasation, fever, anaemia & weakness. [26]

DIFFERENTIAL DIAGNOSIS

In Ayurveda most of the gynaecological disorders have described under the headings of *Yonivyapada* and *Artavavyapada* or *Astartavadusti* which often present with profuse vaginal bleeding as a symptom. Following are the conditions that also cause excessive, irregular bleeding P/V which should be differentiated from *Asrigdara*;

- Raktayoni Yonivyapada
- Putraghni Yonivyapada
- Asrija Yonivyapada

- Lohitakshara Yonivyapada
- Artava Ativriddhi
- Pittala Yonivyapada
- Artava Dusti

TREATMENT

Principles of Ayurveda for the treatment of any diseases include identifying the root cause of disease and strictly restraining from it. *Nidana* plays the major role to initiate *samprapti* of any *vyadhi* which progress towards the development of the *vyadhi*. To stop this *samprapti* to progress further, it is always better to avoid all *nidana* which can lead to manifestation of actual *vyadhi*. The treatment of Asrigdara is compiled under following headings;

A. *Nidana Parivarjana*- Avoidanace of all *nidana* or etiological factors which are explained in classics is the first line of managaemnt of any disease. [27]

B. Chikitsa Siddhant

- Treatment described for Raktayoni i.e. Raktasthapaka aushadhi on the basis of involved dosha and colour of asrig should be done. [28]
- Each *Pradara* should be treated as those of respective *Vatala* etc. *yonivyapada*. [29]

- Treatment prescribed for *Raktatisara-Raktapitta* & *Raktarsha*^[30], *Guhyaroga*^[31], *Garbhasrava*^[32] should be done for *Asrigdara* too.
- A woman who consumes healthy, wholesome diet having less complications should be managed with the treatment described for Adhogata Raktapitta. [33]
- Asrigdara is Niruha basti sadhya vyadhi. [34] Vata is the main provocating dosha along with Pitta in Asrigdara. To pacify this vitiated vata, Basti is very helpful.
- As *Pitta* is prime dosha involved in the *samprapti*, *Virechana* is also beneficial for it.
- *Uttarbasti* is recommended by classics after 2 to 3 Asthapana Basti.

C. Samanya Chikitsa- It includes both external & internal medications which are effectively treat Asrigdara when applied locally or taken internally respectively. These medications are described under following headings^[35];

i. Medications for External use

- Vyaghrinakhi root situated in northwards direction, grown in sacred place, uprooted during Uttaraphalguni Constellation and tied around waist will cure Asrigdara. [36]
- Nasya and Abhyang with Shatpushpa oil is useful. [37]

ii. Medications for Internal administration- Shamana Chikitsa

KWATH	CHURNA & KALKA	KSHEER PRAYOGA	AVALEHA	VATI	GHRITA	TAILA	RASA- AUSHADHI	ASAVA & ARISHTA
*Darvyadi Kwath *Nyagrodhadi Kwath *Eladi Kwath *Kwath of Dhataki & Puga	*Pushyanuga Churna *Indrayava Churna *Bhumyamalaki Churna *Rasanjana and/or Laksha Churna *Atibala moola churna *Tanduliyaka moola kalka	*Ashoka Valkala Siddha Kshirapaka	*Kushmanda khandaka *Jirakavaleha *Brihat Kushmandavaleha *Khandamalaka *Khanda- kushmandavaleha	*Gokshuradi Guggulu *Chandraprabha Vati	*Brihatshatavari Ghrita *Phalaghrit *Shalmali Ghrit *Sheetakalyanaka Ghrita *Mahatiktaka Ghrita	*Shatavari Taila *Shatpushpa Taila	*Pradararipu Ras *Bolaparpati *Pradarantak Lauha *Pradarantaka Rasa	*Lodhrasava *Patrangasava *Ashokarishta

iii. Shodhana Chikitsa

BASTI		VIRECHANA	UTTARA BASTI	NASYA
* Chandanadi Niruha Basti * Rasnadi Niruha Basti * Rodhradi Asthapana Basti * Kushadi Asthapana Basti * Madhukadi Anuvasana Basti	* Mustadi Yapana Basti * Shatpushpa Taila Basti * Pichha Basti	* Mahatiktaka Ghrita	* Kashmarya- Kutaja Ghrit	* Shatavari Ghrit * Shatpushpa Taila

DISCUSSION

In Ayurveda, most of menstrual disorders have been described under the name of Ashtartavadushti & Artavayyapada. Yonivyapada described by our ancient Acharyas explained can be co-related with different gynaecological disorders of female. As per Ayurveda, Shuddha artava is very much important for every female of reproductive age group to perpetuate progeny forwards. Asrigdara is characterized by excessive, irregular bleeding P/V during mense or intermenstrual period. Yonivyapada such as Raktayoni mentioned by Acharya Vagbhatt & Asrija Yonivyapada by Acharya Charaka have similar symptom of Asrigdara. As Rakta or blood is considered as Jeeva by Aacharya Sushruta in Sushruta Samhita and in Asrigdara, Artava (Raja) is excessively flowing out from the body its chikitsa becomes very much necessity. Treatment of Asrigdara is mostly based upon involved dosha and samprapti vighatana. Different Raktastambhak & Raktasthapak drugs are used for the tretament of Asrigdara according to involvemnt of dosha. For instance, Vataja Asrigdara is treated by using madhur, amla, lavana rasa pradhana dravyas having snigdha guna. Treatment of Pittaja Asrigdara should be done with the help of dravyas having madhura, tikta, kashaya rasa & sheeta guna. Without involvement of vata dosha, no any Yonivyapada will manifest. In samprapti of Asrigdara also Vata is main

vitiating dosha along with pitta. Thus, vata should be combat first in any chikitsa of any vyadhi and for this no therapy other than Basti is useful. Virechana is also beneficial for pacification of vitiated pitta & rakta to treat Asrigdara as they both have Ashrayashrayi bhava with each other. Treatment described for Raktapitta, Raktatisara and Raktarsha are recommended for Asrigdara also.

CONCLUSION

Asrigdara is a common Artavavyapada, characterized by excessive & irregular uterine bleeding. If not treated earlier can cause severe complications. Ayurveda have number of herbal medicines useful to manage Asrigdara related symptoms and complications. Some Bruhaniya & Rasayana yoga are also helpful to prevent reccurence of disease and to treat complications of Asrigdara.

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