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Review Article

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A REVIEW STUDY ON VATARAKTA W.S.R TO GOUT

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ABSTRACT

Vatarakta is the most common example of Vata Vyadhi produced by the Avarana Samprapti. The vitiation of Vata and Rakta leads to Vatarakta. The passage of aggravated Vata is blocked by vitiated Rakta, resulting in Vata becoming more aggravated. As a result, exacerbated Vata vitiates Rakta and causes Vatarakta. Small joints in the hands and feet get injured first. The disease then spreads like rat poison through the entire body. Both the Viruddha Aahara and Vihara will lead to this condition. Vatarakta is one of the diseases where dietary habits, social structures, ways of life, and environments that are presently adversely affecting human health. The Vatarakta Nidana and Lakshana are comparable to the clinical appearance of Gout as described by contemporary medical science. Gout is an inflammatory reaction to Mono Sodium Urate crystals that develop as a result of hyperuricemia. Acute synovitis, persistent erosive and deforming arthritis, tophi, nephrolithiasis, and interstitial nephritis are the main clinical symptoms. Age and gender have an impact on the mean serum uric acid (urate) content.

Keywords: *Vatarakta*, Gout, *Vata dosha*, *Rakta dhatu*.

INTRODUCTION:-

Ayurveda, The "Science of life" or longevity is the holistic alternative science since era. It not only deals with curative aspects of the disease but also the preventive measure with which one can present the manifestation of the disease. Human population is becoming susceptible to many disorder related with altered lifestyle and poor food habit. Vatarakta in one such metabolic disorder. It is Major example of vatavyadhi caused due the Avaran pathology. Vatrakta is Sammurchana janit (combined) vyadhi of Vata & Rakta¹. The aggravated Vata is being obstructed in its passage by dushit Rakta, the Stagnant Vata Contaminates the whole

blood ,thus the Contaminates Vatarakta is known as Various name mainly , Vatabalas & Aadhyavata etc². Etiological factor of Vatarakta are described in detail in charaka samhita out of which lavan ,Amla, katu, ushna, kshar, sinagdh & uncooked food, having high protein, curd, buttermilk, sura etc. The etiopathogensis starts with specific Causative factor being both Vata and Rakta. The Sushamtva and chalatwa guna of Vata circulates through sandhi and all shrotas, similarly Rakta Because of its Drava and Sara guna circulates all over, its first forms the root in the small joints of the hand and feet, then spreads throughout the body and causes severe pain like akhuvisha. Clinical sign and symptom of Vatarakta like kandu, daha ruja, toda, twakavaivarnya, Shotha, paka, shool, sandhi-graha. The factors Vata and Rakta in a diseased state is called as Vatarakta.3 Clinical features of Vatarakta are similar to gout, hence it can better be correlated with gouty arthritis in Contemporary science. Gout is a clinical syndrome and is a type of Metabolic disorder, in which clinical manifestation are associated with tissue deposition of crystal of Monosodium urate monohydrate from hyperuricemia of body fluids .In 21stcentuary, gout is most common inflammatory arthritis in men and in postmenopausal women. It also known as "disease of king's and also "king of disease"4. Gouty arthritis affects 2.1 million worldwide ,recent reports for the prevalence. Gout is a metabolic disease most often affecting middle edged elderly men and postmenopausal women. Hyperuricemia is the biologic hallmark of gout. When present, plasma and extracellular fluids become supersaturated with uric acid, In gout, pain mostly affects the small joints especially the big toe⁵. About 75% of all Gout pains originate in the big toe.

DEFINITION:

Shabda Kalpa Duram states that Vatarakta as the disease characterized by the abnormality of Rakta dhatu due to morbidity of Vata dosha is called as Vatarakta⁶.

The illness caused due to *Vata dosha* and *Rakta dhatu* is called as *Vatarakta*⁷. The disease characterized by unique pathology of *Vikruta Vata Dosha* and *Rakta Dhatu* is called as *Vatarakta*.⁸

In *Vatarakta* severe pain will be there, swelling of joints appear dry, black, increasing and decreasing often, if *Rakta* is affected profoundly ,the swelling will be having severe pain, pricking or a feeling of pain and needles.

Vruddha Vata dosha when obstructed by vitiated *Rakta Dhatu* further becomes virulent and once again adds to the abnomality of *Rakta Dhatu*, this illness is called as *Vatashonita*⁹.

When vitiated *Rakta dhatu* hampers morbid *Vata dosha* from spreading everywhere and further worsening *Rakta dhatu's* abnormality, the condition is termed *Vatarakta*. ¹⁰

Sushruta Samhita:- Vatarakta has been first time described in Sushruta Nidan sthan. Pain of Vatarakta has been described by the term akhuvisha.

Charaka Samhita:- Name of Vatarakta and its classification is described in asthodariya adhyaya of sutra sthan and detail description in Vatashonita adhyaya of chikitisa sthan .Vatarakta is also known as Adhyavata, Vatabalas, khudd roga.

Vatarakta is classified in two type - *Uttan* & *Gambhir*.

SYNONYMS:

The diseases *Vatarakta, Adhyavata, Khudha-Vata, Vatabalas,* and *Vatashonita* are used as synonyms.

CAUSE OF VATARAKTA:

- 1. Aharaj (Dietary Cause) This includes Virudha Ahara (mismatched diet) and Acharya Charak also mentioned the same regarding Virudha Ahara, such as Adhyasana, which refers to having food after a meal, Excessive intake of Lavana, Amla, Katu foods, Alcohol and Ama Bhojana, which means consuming food while the previous meal is not fully digested, Ajeerna Bhojana, which implies a persistent difficulty in digestion, Guru, indicating a heavy meal, Snigdha Bhojana, which stands for oily food, Ati Rukshanna, meaning excessive intake of dry food, etc. All these factors contribute to Agnimandya (loss of appetite), which eventually leads to Vatarakta (Gout). According to Madhava Nidan Vata is very predominant then pulsating tearing /cutting form of severe pain will be there, swelling of joints appear dry ,black, increasing and decreasing often ,if Rakta is affected profoundly ,the swelling will be having severe pain, pricking or a feeling of pain and needles .
- 2. **Viharaj Hetu:** Prajagara,Hasti-ashva-Ustrayana,Abhighata,VidhiheenaSvapna,Vidhiheena-Maithuna, MithyaVihara,Plavana,Langana,AtiAdhva,VyayamaVaishamya, Vega Nigraha, are all causative factors for aggravation of Vata¹¹. Divasvapna after taking Drava,Singdha and Guru Ahara leads to vitiation of Rakta¹². Achankramana sheelata is a type of vihara that leads to accumulations of Kapha. Sthoola, Sukumara and Sukha are predominant of Kapha and Meda may be one among Vatarakta Kara nidana.
- 3. *Mansika Hetu: Krodha: Krodha* is one of the *Manasika* factors, along with *Chinta, Shoka, Bhaya,Santapa* and *Udvega* that cause aggravation of *Vata. Krodha* aggravates *Rakta* also¹³. *Anya Nidana:* Suppression of natural urges of flatus, urine, faces,semen ,vomiting etc. aggravates *Vata* and is considered as one among *Nidana of Vatarakta*. Along with the above factors, there are other factors also which cause the direct vitiation of *Rakta*,such as *panchakarma Apachara and Abhighata*.

SAMPRAPTI:

Samprapti is a crucial step in the manifestation of a disease without which no disease is produced. In total *Samprapti* describes the whole process through which a disease occurs in the body. According to *Vagbhata "Dosha Dushya Sammurchana"* leads to manifestation of disease 14. One more classical definition of *Samprapti* is, the vitiated *Dosha*, travelling all over

the body, gets lodged at the point of "Sanga" because of Kha- Vaigunya"leading to manifestation of disease¹⁵. The knowledge of Samprapti is essential to break the chain of pathogenesis. According to Charaka excessive intake of Lavanarasadi ahara etc and if one met with trauma (Abhighata) are not undergoing Shodhana for cleansing the body lead to vitiation of Rakta, with such predisposing condition if a person involves in the activities like, intake of food with Kashaya, Katu and Tikta Rasa, taking Alpa Ahara and Rooksha Ahara on indulging in fasting, riding on horse, camel, donkey etc. swimming and other water sports, jumping, walking long distances in the hot sun, indulging in excessive sexual activities, withholding the Vega etc Vata dosha gets aggravated. Vata is blocked by the vitiated Rakta, inturn leading to further Sandushana of Data, thus dushita Vata does Dusti of whole Rakta, leading to the condition Vatarakta¹⁶.

SYMPTOMS OF VATARAKTA:

Full manifestation of signs & symptoms is called as *Rupa*. This is the stage when the disease comes out with full signs and symptoms indicating the specific characteristics of the disease like the dominance of *Doshas*, various stages etc¹⁷.

Uttana Vatarakta: In *Uttana Vatarakta, Uttana Dhatu* that is the *dhatu* which are superficial gets affected. It inculdes *Rasa(Twak),Rakta and Mamsa*. When the *Doshas* affects these *Dhatu* in the disease pathology exhibit a particular set of *Lakshana*, which are peculiar for the *Uttana Vatarakta*. According to *Charaka*, the *Uttana Vatarakta* is characterised by *Kandu, Daha ,Ruk ,Ayama, Toda ,Sphurana, Akunchana, Shyavarakta* or *Tamrata* of *tvak*¹⁸.

Gambhir Vatarakta: In Gambhira Vatarakta the disease spreads into the Dhatu which are deep seated. These include Meda, Asthi, Majja and Shukra. The involvement of these Dhatu exhibits the Lakshana that are peculiar to the Gambhir Vatarakta. Chronicity and involvement of Meda, Asthu, Majja and Shukra Dhatu indicates the severity of disease and generally associated with systemic involvement.

According to *Charaka* the *Gambhir Vatarakta* presents with *Shotha-Sthabhata,Kathinatha, Antha-bhrusha-arti*(severe pain felt internally),*Vaivarnya* of *Shyava or Tamra Varna, Daha, Toda,Sphurana,Paka,Ruk* and *Vidhaha*.The *Vayu* travelling all over enters *sandhi*, *asthi and majja* to produce *Kanja and Pangu*¹⁹.

TREATMENT OF VATARAKTA:

The principle of treatment is classified in *Ayurveda* as *Nidana Parivarjana, Shodhana*, and *Samshamana*. The treatment is given on the base of *Rogabala, Rogibala, Kala,Vaya, Agni* and *Desha*. Treatment strategies aimed at breaking the *Samprapti* and addressing the *dosha* are part of the management of *Vatarakta*. Depending on the basic classification of *Vatarakta*, general line of management of *Vatarakta* has been advised in the texts of *Charaka, Sushruta, Vagbhata, Yogaratnakar and Bhava Prakasha*. Specific line of treatment²⁰: According to

Charaka, *Vatarakta* has two kinds of diseases, hence two different approaches to therapy should be used. In *Uttana Vatarakta- Alepa, Abhyanga, Parisheka, Upanaha.* In *Gambheera Vatarakta- Virechana, Asthapana, Snehapana*.

There are two ways that *Vatarakta*(Gout) can be treated in *Ayurveda*. According to *Charaka*, almost all diseases can be treated in three ways:

- 1. *Apakarshana* (*Shodhana*): This entails using detoxification treatments to eliminate the causing *dosha*. In the case of *Vatarakta*, when the vitiated *doshas* are located in the *amashaya* (stomach), *vamana* (therapeutic emesis) considered the best treatment. If the vitiated *doshas* are located in the *Pachyamanashya* (small intestine), *virechana* (therapeutic purgation) is recommended. And if the doshas are situated in the *Pakwashya* (colon), *vasti* (therapeutic enema) is the ideal therapy.
- 2. *Prakritivighata (Shamana):* To calm the *doshas*, this entails using medications whose characteristics are the opposite of those of the causing elements. These drugs, known as *dosha shamaka*, are used in *shamana chikitsa* (palliative treatment). Various drugs with Vata Rakta shamaka properties have been mentioned in Ayurvedic texts for the treatment of *Vatarakta*.
- 3. Nidana Parivarjana: This entails staying away from the things that cause the illness to develop. Sushruta was the first to describe the role of nidana parivarjana in pacifying the doshas that cause the disease. Therefore, it is important to avoid causative factors such as improper dietary habits and lifestyle practices. Foods and activities that are Guru(Heavy), teekshna, vidahi, vishtambhi, and vatavardhaka (increasing Vata) should always be avoided in the case of Vatarakta. In summary, Ayurvedic treatment of Vatarakta involves detoxification therapies to remove the causative dosha, the use of drugs to pacify the doshas, and avoiding factors that contribute to the development of the disease. In addition to following certain dietary recommendations, these ideas can aid in the management of Vatarakta.

SADHYASADHYATA²¹:

Analysis and appropriate therapy are essential to the management of a condition. Even before beginning the therapy of an illness, it is essential to evaluate the situation and identify the *Sadhyasadhyata*. The existence or absence of *Upadravas*, as well as the severity of the illness, together impact the *Sadhyasadhyata* of the condition. As *Vatarakta* is one of the illnesses that impact the *Madhyama Roga Marga*, the disease may be referred to as *Kruchra Sadhya* or *Asadhya*. Furthermore, the prevalence of *dosha* and duration of the evolving of the disorder has progressing have a significant influence. The *Sadhyasadhyatha* of *Vatarakta* depends upon the following categories:

1. Based on vitiated *Doshas*.

- 2. Based on presence or absence of *Upadravas*.
- 3. Based on *Kala* (time).

Sadhya:

- If Vatarakta caused by only one Dosha.
- No Upadravas.
- Freshly occurred.
- If patient is strong, who have good will power & with proper availability of medicaments.

Yapya:

- If caused by two *Doshas*.
- Without *Upadrava's*.
- Which is of one year duration.
- If patient is strong, self -controlled &with sufficient means.

Asadhya:

- If involvement of three doshas.
- Associated with *Upadravas*.
- Having complications like *Ajanusuptitha*²² etc.

Pathya-Apathya²³:

Pathya is a term used to describe a diet that is hita (wholesome) for the body's srotas. It is a factor that is favourable to the shareera patha-srotas as well as manas, according to the Charaka Samhita. Treatment of the illness is unsuccessful when medication is administered without advised of pathyapathya.

Pathya Ahara: Suka Dhanya Varga: Shastika shali (oryza sativa grown in 60 days), Yava (Hordeum vulgar), Godhuma (Trictum vulgarae).

Shami Dhanya Varga: *Mudga* (Phoseolus trilobus) *Kulatha* (Dolichos biflorae), *Masha* (Phaseolus mungo)

Mamsa Rasa Varga: Gramya mamsa (meat of domestic animals), Jangala mamsa (meat of wild animals), Bileshya mamsa (meat of subterranean cave animals or burrowing animals)

Gorasa Varga: Kshira (milk), Gritha (ghee), Takra(butter milk)

Jalavarga: Ushnajala (hot water)

Phala varga: Bimbi (Coccinia indica), Bijapura (Citrus medica) Madhuvarga: Madhu (honey) Ikshu Varga: Dishes prepared of sugar Taila varga: Madhu (honey) Tila taila (Sesamam oil),

Sarshapa taila (Mustard oil), Harita Varga: Jivanthi (lepta denia terniculata), Maricha (piper nigrum), Shunti (Zingiber officinale), Mulaka (Raphanu sativus), Balamula (root of Sida cordifolia) vataraktamardha (cassia occidentalis). yusha (soup) prepared with Pippali and kshara (alkali), Yusha (soup) prepared with Kulath & Mulaka. Food habit: Laghuvanna (light diet) Pathya Vihara: Sound sleep during night, Warm weather, pollutant free Enviroment.

APATHYA AHARA:

Suka Dhanya Varga: Tila (Terustroemia sylvatica), Saktu etc.. Shami Dhanya Varga: Mamsa rasa Varga: Gorasa Varga Jala Varga Phala Varga Ikshu Varga Taila Varga Food habit: Masha (vigna mungo), Nisphava (Lablab purpurens), Kalaya Kulattha (Vigna unquiculata) etc. Matsya (fish), andaja and anupa mamsa Dadhi Dusta jala, sheeta jala. Amlaphala Ikshu Tila Taila Madhura rasa (sweet), snigdha (unctuous) guru (Heavy) Picchila (slimy) Pistanna (dishes prepared out of flour of cereals).

APATHYA VIHARA:

Maithuna (sexual intercourse), Dhumasevana (smoking), Dushta pavana rajo marga nishevana (walking on polluted air), Vegavarodha (suppressing of natural urges)—this is about the pathya and apathya to be followed in a usual case of Vatarakta,

DISCUSSION AND CONCLUSION:

The cause of the disease, also known as the disease's Nidana, is the factor that always contributes to pathogenesis. By considering Nidana by different views, Vatarakta has a long list of etiological factors, but for simple understanding, the whole Nidana can be divided into Vatakara Nidan and Rakta-Dusthikar Nidana²⁴. Rakta Dhatu is the Dushya of Pitta dosha, and according to Dosha-dushya Ashray-ashrayibhava, the vitiation of Rakta Dhatu also results from the aggravation of *Pitta dosha*. Therefore, the *Pittavardhaka* etiological factors at last lead to *Rakta dhatu vitiation* and predispose the individual to the subsequent disease process. Excessive intake of *Lavana*, *Amla*, *Katu*, *and Kshara*-containing foods causes the *Vata Rakta*. These substances are Agni Mahabhoota Pradhana, which leads to the Vidagdhata of Rakta and aggravates the Vata Dosha²⁵. Singdha, Ushna and Ajeerna Bhojan are the causes of Agnidusthi, Pittavidagdhata and Tridosha Prakopa²⁶. Prajagaran, Hasti-Ashva-Ustrayana, Abhighata, Vidhi Heena Maithuna, Mithya Vihara, Plavana, Langhana, Ati Adhva, Ati Vyayama, and Vega Nigraha are all responsible for aggravating Vata dosha. After taking Drava, Snigdha, and Guru Ahara, Divaswapna causes Pitta and Kapha to become vitiated²⁷.Sukumaranam Achankramanasheela is prone to developing Rakta Dusti while leading a life of luxury without indulging in any physical activity and tending to frequently consume an excessive amount of sweets.

Acharya Charak probably gave a thorough description of Vatarakta and its treatment strategy because of the disorder's prevalence and importance. Anup Desha is regarded by Acharya

Charak as an Ahita Desha, and living there increases the chance of Vatarakta. If all other forms of treatment are unsuccessful, Acharya Kashyap Pathya ahar and vihar also play important roles in managing Vatarakta. "By performing appropriate diet and mode of life, practicing exercises, restraining greed, having self-control, and being truthful, the disease subsides." suggests changing the place.

CONCLUSION:

Vatarakta is the most common *Vata Vyadhi* produced by the *Avarana Samprapti* as described by *Acharya Charaka in Chikitsa sthan* so *Vata, Pitta Parkopak and Rakta Dusthi Nidana* plays significant role in the manifestation of Disesae.

Stress, irresponsible eating, and bad lifestyle choices can all contribute to Vatarakta, an extremely bothersome illness. While vitiations of *Vata and Rakta* may also be linked to *Vatarakta*, vitiation of *Vata and Rakta* is necessary for its development. *Vatarakta* in modern view has similarity with Gout. The similarity of gout with that of *Vatarakta* is multidimensional. The cause, pathology, and features match with the *Vatarakta* description in our classics.

Basically, it is a metabolic disorder presenting with the sign and symptoms in the joints. This is because of the deposition of the Monosodium urate crystals in and around the joint structure. The simultaneous vitiation of *Vata* and *Rakta at Sandhi* produces a slow pathology which involves *Vatahara* and *Rakta* Prasadaka remedies as *Chikitsa*.

Follow the *Pathya* and *Apathya Aahar* and *Vihara* mentioned in classics, i.e. *Mudga Yusha*, *DiwaSwapan* then less reoccurrence of *Vatarakta*.

Psychological factors like anger, depression etc have influence on the *Vatarakta* condition.

A number of health issues, including *Jwara* (fever), *Kamla*(Jaundice), Burning sensation(*daha*), *Shoth* (inflammation), *Aruchi* (lack of appetite), and *Bhrama* (dizziness), can arise from improperly treating *Vatarakta*. *Sanshodhana* (cleaning therapies), *Sanshamana* (pacifying therapies), and *Nidan parivarjana* (avoidance of causative factors) are the fundamental tenets of *Vatarakta* treatment.

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