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### RASAVAHA STROTAS: AN AYURVEDIC REVIEW

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#### **ABSTRACT**

Strotas are innumerable channels or pathways which supply nourishment to dhatu and whole body. Strotas carry all like poshya rasa to poshaka rasa, specific materials, hormones, enzymes, thought process, stimulus. It is such a minute supply that is not seen but visible by their actions or by functioning that occurs. Any disturbance in physiology of strotas may lead to pathological manifestation, therefore it is very important to understand physiological and clinical concept of strotas along with its management. Ayurvedic samhitas described anatomical and physiological concepts of strotas brodly along with the diseases related to strotodushti. In this article I try to opt on Rasavaha strotas in detail view.

KEYWORDS: Stotasa, Rasavaha Stotasa, Stotodushti, Ayurveda.

### INTRODUCTION

Strotamsi stands for the inner delivery system of the body incorporation to that of circulatory system. It indicates all level of exchanging and transportation of Poshya rasa from Ahara rasa by Jatharagni at micro to macro level of cells and tissue. The kind of life style choices are practised nowadays are key contributors in development of Strotodushti (vitiation of channels of circulation) leading to progression of diseases. The digested food finally contribute to Rasa dhatu, which performs many vital functions of body. Rasa dhatu is first dhatu and its main function is Prenanam. [1] Rasavaha Strotasa are channels carrying rasa dhatu and giving poshan to rasa and rakta dhatu.

Rasa Samvahana: Rasa dhatu is circulated in whole body by Vyan Vayu.

Mulasthana of Rasavaha Strotasa: Hriday (Heart) and dasha dhamani (10 major vessels). [2]

Clinical importance of *mulasthana* of *rasavaha strotasa*:

 $"Mulam\ iti\ prabhavasthanam".^{[3]}$ 

The working of every *strotasa* are regulated and controlled by its respective *mulasthana* (root place). Hence, to treat any *strotodushti* or its disease we need to emphasize on its *mulasthana*.

Properties of rasa dhatu:

# "Rasoapi shleshmvat." [4]

They Possesses similar properties as kapha dosha, like snigdha, guru, shweta etc.

### Number of stotasa

"Yavantah purushe murtimanto bhavavisheshatavanta evasmin stotasam prakar visheshah." [5]

Strotasa are countless as everybody constituent has its own strotasa.

According to *Acharya Charak*, grossly following 13 *strotasas*, <sup>[6]</sup> are enumerated

1)Pranahava strotas 2) Udakvaha strotas 3) Annavaha strotas 4) Rasavaha strotas 5) Raktavaha strotas 6) Mansavaha strotas 7)Medovaha strotas 8)Asthivaha strotas 9) Majjavaha strotas 10) Shukravaha strotas 11) Mutravaha strotas 12) Purishvaha strotas 13) Swedavaha strotas.

While according to *Acharya Sushrut*, there are 11 types of *strotas*. <sup>[7]</sup>

1)Pranahava strotas 2)Udakvaha strotas 3)Annavaha strotas 4)Rasavaha strotas 5) Raktavaha strotas 6)Mansavaha strotas 7)Medovaha strotas 8)Mutravaha stoats 9)Purishvaha strotas 10)Shukravaha strotas 11)Artavavaha strotasa.

### Rasavaha strotas dushti hetu (etiological factors)[8]

"Gurusheeetam atisnigdham atimatram samashnataam, Rasavahini dushyanti chintyanaamapi chintanaat." Guru ahara - excessive intake of heavy diet like cheese, fastfood, Chinese, bakery products.

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*Sheeta ahara* –excessive intake of cold food or products.

Atisnigdham —eating too oily, unctuous food, it increase viscocity in blood creating obstruction *in strotas* and hampering circulation.

Samashan -taking wholesome and unwholesome diet together.

Manasika hetu- chinta (stress/worry) leads to rasavaha strotodushti causing cardiac diseases ,hypertension etc. and ultimately hampers mental and physical health.

# Rasavaha strotas dushti lakshana (symptoms)<sup>[9]</sup>

"Ashraddha cha aruchi cha aasyavairasyam arasaudnyata, hrilaaso gauravam tandra saangamardo jwarastamaa.

Pandutvam strotasam rodha klaibya saada krishangtaam , naashoagneya ayathakaalam valay palitaani cha."

Following diseases are caused by vitiation of *rasa dhatu Ashraddha* – disinclination for any type of food.

Aruchi – anorexia or uninterested in diet.

Aasyavairasya - disgeusia

Arasadnyata - ageusia or loss of taste

Hrilaso – nausea

Gaurav -feeling of heavinesss

Tandra- drowsiness

Saangamarda jwara tama- fever with bodyache and fainting

Pandu- anaemia

Strotasaam rodha- obstruction of channels of circulation Klaibya – impotency

Saada- asthenia

Krishangata – emaciation

Nashoagneya - decrease power of digestion

*Vali* and *paalitya* – premature appearance of wrinkles and grey hairs.

### Chikitsa (management of rasavaha strotodushti)

Acharya Charak mentioned the treatment for vitiated rasa dhatu, causing diseases as-

 $\begin{tabular}{ll} ``rasajaanaam & vikaaranaam & sarva & langhanam \\ aushadham". \end{tabular}$ 

For all the cure of diseases caused by vitiation of *rasa dhatu*, one should take recourse to fasting of all type.

As rasavaha strotas are channels which carry rasa dhatu. Hence, the dushti of rasa dhatu ultimately means dushti of rasavaha strotas. As rasadhatu is first dhatu and rasavaha strotas is channel which carry it, so dushti of rasa dhatu leads to vitiation of other six dhatu and their strotasas. Hence, it is very important to treat rasavaha strotas dushti to avoid rasa dushti and ultimately further dhatu dushti and strotas dushti.

Acharya Charak explains the relation of dhatu and strotas as

tesham (strotas) prakopaat sthanstha cha eva maargaga cha sharirdhaatvah prakopamapdyante".[11]

According to above *shloka*, vitiation of *strotasas* causes vitiation of *dhatu*. So the treatment for vitiated *dhatu* is applicable for the vitiated *strotasas* also.

Rasavaha strotodushti is mostly caused by agnimandya and ama hence langhan is first line of treatment.

**Langhan** – langhan is first therapy among shat upakrama. The purpose is to make the body light by relieving heaviness.

### Type of langhana according to Acharya Charak

"chatusprakara samsuddhih pipasa marutatapau; pacananyaupavasasca vyamasceti langhanam". [12]

4 type of panchakarma purifying therapies –

Vamana therapy- vomiting

Virechana therapy- purgation

Niruha basti- decoction enema

Nasya – nasal drop having cleansing nature

*Pipasa* – controlling thirst

Maruta- exposure to wind

Atapa – exposure to sun

Pachana – administration of food and medicine that are ushna virya (hot in nature), helping in digestion

*Upavasa* – total fasting

Vyayam- physical exercise

All the above types works by increasing digestive power.

**Indication for** *panchakarma* **therapy-** *Panchakarma* therapy is used to expel out increased *doshas* out of the body. It is recommended when the disease and the strength of patient both are strong (*bahudoshavastha*).

**Indication of** *pachana* **treatment** – *Madhya bala roga*in disease with moderate strength. When *doshas* are moderately vitiated.

**Indication for control of thirst and fasting** – if the diseases are of mild nature or vitiated *doshas* are not so strong, they are to be treated by the control of thirst and hunger. This helps in balancing the *doshas*.

**Indication for exercise, sun, wind exposure** – If strong individual suffer from diseases of mild nature, such diseases can be cured by physical exercise and exposure to sun and wind.

### Medicines which helps to induce langhana are

- Shunthi (*Zingiber officinale*)
- Triphala (fruit of Terminalia chebula, Terminalia ballirica, Emblica officinalis)
- Musta (Cyperus rotundus)
- Madhu (Honey)
- Mudga (green grams)
- Arogyavardhinivati
- Tribhuvankirti
- Sutshekhar rasa etc.

### Benefits of langhana

- Removes obstruction in tissues and channels.
- Improve metabolism
- Bring lightness and sense of healthiness in the body.
- Regresses the initial pathological processes.
- Strengthens the digestive system.

Overall, *langhana* treatment principle is adopted whenever there is feeling of heaviness. The purpose is to bring about lightness to the body, to clear body channels, to improve circulation and ultimately good health. *Langhana* also serves the purpose of *deepana* and *pachana*.

### Nidan parivarjana

This means avoidance of etiological factors (*dushti hetu*) of disease. *Nidan parivarjana* plays key role in *Ayurvedic* treatment. It emphasizes mainly on improving dietary and lifestyle modifications causing the disease. One should always take wholesome food with a view to preventing the occurrence of such diseases.

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