ANALYSIS OF CONCEPT OF ATIPRAVRUTTI SROTODUSTI

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ABSTRACT

Ayurveda is primordial system of medicine intended to claim health not curing that provides no more than relief from the symptoms. The prime objective of Ayurveda is not to suppress a meticulous symptom but to fix up harmony and balance. It tries to keep the body healthy by balancing aggravated Doshas, vitiated Dhatus, Mala, Agni and Srotas. The Srotas are the numerous visible as well as invisible channels or passages for material in body. Through these channels nutrients and other active mobile substance and information are transported in body. The disturbance at the level of Srotas either structurally or functionally leads to manifestation of disease. Srotodusti is the condition of the Srotas which is susceptible for pathological changes to produce a disease. Four types of Sroto-dusti are described in Ayurvedic literature namely- Atipravrutti, Sanga, Siragranthi, and Vimargagamana. The Atipravrutti means excess or over flow of vitiated doshas from the body and also may be excessive production of any particular dhatus. Proper understanding of Atipravrutti srotodusti is essential to plan a suitable therapeutics. In this paper the major diseases due to Atipravrutti srotodusti are critically analyse so that one can think of applying proper treatment.

Keywords: Srotas, Chanel, Overproduction, Samprapti.

INTRODUCTION

Acharya Charaka defined srotas as Sravanaat srotaaamsi (¹) the channels from which sravana or flow of body substance takes place or through which materials flow in the body are called srotas. According to Acharya Sushrut Srotas originates from the root to any terminal portion (hollow organ) of the structure or body as he defined it as “Moolat khaadantaram dehe prasrutamtu abhivaahi yat, Srotaha-tat-iti vigneyam siraa dhamanee varjitam.”(²). They spread all through the body and carry essential material. Through these numerous channels dhatus undergo transformation and it also carry right proportion of the dosha and other basic element from one portion of body to another. Srotas also transports the waist products produced by the body and finally eliminated naturally via malas. (³) Information also flows through it continuously. Srotas are present everywhere in the body and man is said to be conglomeration of srotas. According to acharyas the specific varieties of the channels of circulation in the human
body are the same in number as the structural entities in it. All the structural entities in the human body cease either to maintain the continuity of their manifestation or to undergo diminution in the absence of the respective channel of circulation. Srotas, sira, dhamani etc are the names attributed to various visible and invisible spaces inside the tissue elements of body. Affliction of these channels leads to vitiation of the tissue elements. Vitiated channel vitiate the other channel respectively. According to acharya Charak there are 13 main yogavahi srotas while Susruta described 11 pairs of yogavahi srotasas. When the flow through these channels is maintained the health is remaining but when there is any deformity: like Atipravrutti, Sanga, Siragranthi, or Vimargagamana it leads to manifestation of disease. Atipravrutti- is the excess flow of dosha, excessive production of any particular dhatus whereas Sanga is the obstruction of dhatu causing localisation of the disease process. Siragranthi is condition where blood vessels become tortuous, dilated and engorged. Vimargagamana is nothing but deviation of the morbid material to other new areas.

Aim and Objectives-
This conceptual study will be helpful in understanding the concept of Srotas & srotodusti and it also explore the Atipravrutti srotodusti.

Materials and Methods-
Review of literature regarding srotodusti is collected from brihatrayee’s and other available Ayurvedic literature and it is find that there are many pathological entity described in Ayurveda are caused by Atipravrutti of srotas like atisara, prameha, Grahani, Pradara etc. the pathogenesis of these various diseases describe in Ayurveda is given as under. The Atisara is the term used for frequent watery loose stool. Due to exposure of predisposing factor Aap dhatu (body fluids) are enhanced in excess and bring diminution of strength of Agni, get mixed with stool, causes downward movement in Annavaha srotas by vata leading to development of excess watery stool. Similarly the disease in which a laborious effort is required to defecate and the motions are sticky, mucoid and blood stained is called as Pravahika. The nature of this disease is chronic but non serious. In this vata getting aggravated pushes the kapha accumulated downwards. Prameha term derived from two words, Prakarseena meaning profusely and Mehati meaning the one who urinates. Means the disease in which frequent and voluminous urination is main symptom is called as Prameha. In this disease all the body components are including dosha, dhatus, mala and oja participating to form samprapti. Out of these kapha, mamsa, meda and kleda are prime components in pathogenesis of prameha. Grahani is the portion between pyloric ends of the stomach till the starting of the large intestine. When the grahani gets severely afflicted by the provoked doshas either one of three separately or by a combination of them, the aggravated dosha suppresses Agni (digestive enzymes) resulting improper and delayed digestion which further leads to ama formation. It expels the food in an undigested form and the stool turns liquid and it passed repeatedly with foul smell. Sometime process of digestion is complete and the stool appears well formed. This condition is known as grahani in Ayurvedic text. Pratishyaya term denotes anything which is flowing out of the nostrils. The substance may be colourless fluid, mucous, pus or blood mixed mucous. According to Acharya Charak due to continuous exposure of predisposing factors the Vata dosha get vitiated and caused the disease. While according to Susruta the disease manifestation because of vitiated vata and other doshas individually or collectively. In pradara there is pradirana of raja means excessive or prolongs bleeding during menstrual cycle. It is analogous to menorrhagia and it may be consider as polymenorrhoea or epimenorrhoea. Acharya charak and chakrapani say that increased rakta dhatu get mixed with raja thus the quantity of raja increase. Because of increase in amount of blood expert of this treatise named it Asragdara. Raktapitta manifests itself with absolute rapidity and spread all
over the body like fire. In this disease morbidity pitta mixed with rakta dhatu and expelled via body apertures. Bleeding without any particular underlying cause is cardinal feature of this disease. (13) Bhasmak roga described in Ayurvedic literature is also due to hyper activity of srotas in this disease food stuffs undergo digestion in a quick fashion in response to hyper function of digestive fire. Here kapha is diminished state while pitta and vata are aggravated. (14) Rakta gata vata (hypertension) improper food habits and modern sedentary lifestyle with or without genetic predisposition provokes and vitiates all the tridoshas to trigger the pathogenesis of hypertension. Vyana vata in Ayurveda is responsible for blood circulation so it can be said that systolic blood pressure is control by vyana vata. Heart is also control by prana vata. So collectively prana and vyana vata denote nervous control of circulation whereas diastolic blood pressure can be taken under domain of kapha dosha (Avalambka kapha). It is understood as the Prasara-Avastha specifically of vyana vata, prana vata, sadhak pitta and avalambaka kapha along with rakta in their stress. The Avarana of vata dosha by pitta and kapha can be seen in rasa-rakta dhatus, which in turn hamper the functioning of the respective Srotas of circulation. (15) Beside these diseases the majjavridhi, sukravridhi, atisweda, sayyamutra are also due to Atipravritti srotodusti.

**DISCUSSION**

In the Atisara, elimination of bodily residue will be in a liquid form from the anus. Diarrhoea results from disordered water and electrolyte transport in small intestine. Secretory diarrhoea is caused by abnormal secretion of fluid in to the small bowel. This occurs when the absorption of sodium by villi is impaired while secretion of chloride in the crypts is increase. While osmotic diarrhoea occur when a poorly absorbed osmotically active substance is ingested. The substance is taken as isotonic solution, water and solute will simply pass through the gut unabsorbed, causing diarrhoea. (16) From the above description it can be said that the diarrhoea is result of hyper activity of udakavaha and purishavaha srotas. While in diabetes mellitus (madhumeha) glucose level is so high, the body will try to redress the situation by removing glucose from the blood through kidney. Due to this kidney will also filter out more water. Water follows the glucose concentration passively, leading to abnormally high urine output. (17) This type of pathology is happened with the help of hyper activity of Udaavaha and medavaha srotas. In the disease Raktapitta hyper activity of rakta vahana srotas is reported. In the modern system of medicine raktapitta is defined as haemorrhagic disorder like purpura, hematemeses, haemoptysis, haemophilia, otorrhagia etc. (18) similarly the menorrhagia term is use for abnormally heavy or prolongs bleeding. The exact cause is unknown but a number of condition may cause menorrhagia, common causes includes PCOD, dysfunction of ovaries, uterine fibroid, polyp, adenomyosis, IUD, inherited bleeding disorder and some medication. Hyper secretions of hormone, enzymes and neurotransmitter are also considered as Atipraviti of srotas. Like adrenalin is hormone, neurotransmitter mainly released in response to stressful event to prepare the body for fight or flight response, the pathological hyper secretion is associated with hypertension cause include conn syndrome, cussing syndrome and phaeochromocytoma. Hydrochloric Acid is secreted by oxyntic cells of the stomach lining. Pathological over production leads to GERD, gastric ulcer etc. Hypertrophy and hyperplasia is a kind of Atipraviti of mamsvaha srotas. It is an increase in the size and increase in number of cells respectively resulting in enlargement of the organ or tissue. The pathological hypertrophy and hyperplasia leads to number of diseases whereas physiological hypertrophy and hyperplasia is found during pregnancy.

**CONCLUSION**

The concept of Srotodusti is important to make correct diagnosis of a disease and applying proper treatment. The Atipravritti of the srotas described in Ayurvedic literature may be overproduction of fluids
like *atisara* and *prameha*, hyper secretions of hormone and enzymes like in GERD, hypertension and hyperthyroidism etc. It may be dysfunction uterine bleeding as in menorrhagia. It also may be the pathological hypertrophy or hyperplasia.

**REFERENCES**


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