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### AN INSIGHT TOWARDS UNDERSTANDING THE SAMPRAPTI OF MADHUMEHA

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## **ABSTRACT**

The disease in which honey like urine is excreted is called as *Madhumeha* which can be correlated with Type 2 Diabetes Mellitus in modern parlance. Incidences of Type 2 Diabetes Mellitus are mounting rapidly. The genesis of a disease by the specific action of vitiated *doshas* responsible for its causation is called as *Samprapti*. It denotes the course of a disease right from the affliction by the causative factors until its manifestation. Understanding the *Samprapti* helps in comprehension of the specific features of *Madhumeha*, there by one can assess different stages of *vyadhi*. Earlier the diagnosis, success rate of treatment would be higher. *Samprapti* also help in assessing the intensity of *dosha dushya* vitiation, there by adopting different treatment modalities becomes easy.

Keywords: Prameha, Madhumeha, Diabetes, Samprapti, Chikitsa

#### INTRODUCTION

Madhumeha is a type of Vataja prameha, which consists of two words Madhu and Meha. The disease in which urine is similar to that of madhu in colour, smell, taste and consistency is called as madhumeha. Acharya Charaka opines that in this disease there will be tanu madhuryata also. Acharya Sushruta has called the same disease as kshoudra meha, as kshoudra is a synonym for Madhu.

There are various *nidanas* told in classics for the manifestation of *Prameha*. Based on the *mutra varna*(physical abnormalities of urine) different types of *meha* are considered.<sup>3</sup> However all the types of *pramehas* if not treated properly ends up in

Madhumeha. In general all the ahara and vihara having more of snigdha, sheeta, guru, picchila, shlakshna guna and madhura rasa which increases Kapha, Meda and Mutra are said to be the causative factors of Prameha.<sup>4</sup>

# Analysis of Samprapti

In the treatment of any disease understanding the underlying pathology plays a pivotal role as it is rightly said that *Samprapti vighatanameva chikitsa*. Unless and until there is *vighatana* of the *samprapti*, disease cannot be cured and hence *samprapti* of any disease has to be ascertained at the subtler level.

As told in *Charaka samhita, nidana sthana* any type of *Prameha* is caused due to the vitiation of *Tridosha prakopa*,<sup>5</sup> but there is always predominance of *kapha dosha* as its *gunas* are similar to that of the *nidanas*. These *nidanas* also increase the *dushyas* and *malas* which give *ashraya* to *kapha dosha* such as *rasa, lasika, sweda, mutra, kleda and ambu*.

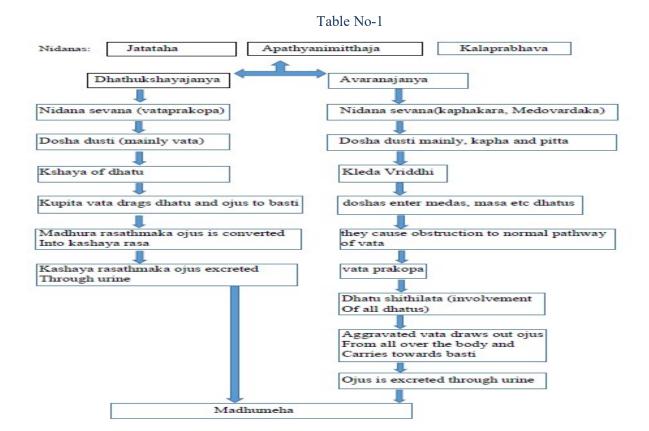
Prameha in general is classified into two types based on the causative factors, namely- Sahaja and  $Apathyanimittaja^6$ .

Sahaja prameha are mainly due to mathru pithru bija dosha i.e., defects in bija or bijaavayava implies defects in genetic material which can be taken for Diabetes due to Hereditary origin in modern parlance. The second variety being Apathyanimittaja prameha, which is manifested due to unhealthy habits or lifestyle. Madhumeha is a variety of prameha, can be further analysed based on nidana and samprapti which can be studied under two headings-

1) Avaranajanya— This variety of Madhumeha has relation with that of Santarpanajanya meha or

- kaphasambhava meha. In this type of meha, avaranajanya samprapti occurs due to etiological factors which aggravates Kapha and Pitta dosha which further obstructs the functions of vata.
- 2) Dhatukshayajanya— This variety of Madhumeha is caused by Vata dosha which is aggravated due to Dhatukshaya. This variety correlates with Apatarpanajanya Madhumeha or Anilatmaka Madhumeha.

In the Pathogenesis of *Prameha dasha dushyas* are involved. All the three *doshas* are vitiated; along with *kapha dosha* is predominantly vitiated because of its close resemblance with etiological factors. This vitiated *kapha* vitiates the similar entities in the body such as *kleda*, *Rasa*, *laseeka*, *sweda* and *mutra*. To eliminate this increased *kleda*, more amount of urine is produced. This process gradually involves all the *dhatus* leading to *dhatu shitilata*. Involvement of different *dhatus* results in the manifestations of various types of *Prameha*<sup>7</sup>.



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### DISCUSSION

In the treatment of *Prameha* our *acharyas* have made emphasis on *Pathya ahara*, *vihara* and *oushada* in the form of *shodhana*, *shamana* and *rasayana chikitsa*.

The role of *samprapti* is very important in judging the prognosis, and to plan for the treatment. The intensity of *samprapti* based on *dosha* and *dushyas* depend on the different stages of *kriyakala*.

In the sanchaya, prakopa and prasaravasta doshas will be less vitiated, and only dosha vriddhi lakshanas will start manifesting also there will be variations in Blood glucose levels, which gives an indication about further abnormalities in Blood sugar levels if the nidanas are not stopped. Life style modifications by avoiding the *nidanas* itself help in stopping the further progression of the disease. From the stage of sthanasamshrayayastha there will be manifestation of poorvaroopa. In this avastha Blood sugar levels also gives the clear indication about pre-diabetic stage. If treatment is not done in this avastha, further aggravation of doshas result in manifestation of all the symptoms, with the appearance of prabhoota avila mutrata. Raised Blood sugar levels and persistent Glycosuria marks the Diabetic stage. If treatment is not done properly at this stage it further leads to various upadravas, which manifest in the form of Diabetic retinopathy, Diabetic nephropathy, Diabetic neuropathy etc.

#### CONCLUSION

Madhmeha is a type of vataja prameha. Apathya ahara and vihara are considered to be the major risk factors for Madhumeha according to Charaka and hence can be considered as Apathyanimittaja, which is very similar to Type 2 Diabetes Mellitus. Samprapti of Madhumeha clarifies the prognosis of the disease and also helps in planning the chikitsa for different individual. Considering detailed conceptual part we can definitely say that by analysing the samprapti at the earlier stages madhumeha can be managed better without letting the doshas to aggravate further causing complications making the patient's life more pathetic.

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