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A Critical Study on *Prameha* According to Ayurvedic Classics and its Management Through Ayurvedic Medication

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ABSTRACT

Ayurveda is a traditional Indian health-care system that dates back to the dawn of civilization. Arogya is essential for achieving Purushartha Chatushtaya, according to Acharya Charak. Ayurveda places a strong emphasis on the preventative and proactive elements of health rather than the curative. In Ayurveda, the concepts of Dinacharya, Ritucharya, Sadvritta, and Achara Rasayana, as well as guidelines for a balanced diet and lifestyle, are well recognised, but few people can follow them adequately in the current scenario. As a result, there has been a large increase in lifestyle illnesses such as pandemics, the most dangerous of which is diabetes. Nearly 80% of the occurrences are caused by type 2 diabetes mellitus. Madhumeha is one of the kinds of Vataja Prameha in Ayurveda, and it is likened to Diabetes Mellitus because of the disease's etiopathogenesis, clinical symptoms, and prognosis. Lack of exercise, poor dietary practises, excessive consumption of food containing Snigdha and Guru Guna, and food that causes Kapha Dosha vitiation are the main causes of Madhumeha. Modern therapy has its limitations, but Ayurvedic management principles can assist the patient in controlling blood glucose levels and altering their routine.

KEYWORDS – Prameha, Madhumeha, Diabetes, Ayurveda etc.

INTRODUCTION

From the times of the Vedas, prameha is a well-known illness. As scientific understanding has grown, there has been a significant advancement in our knowledge of the pathophysiology and treatment of this illness. The ancient medical texts Sushruta Samhita and Charaka Samhita were used to diagnose and cure this ailment early on. The biochemical assays that modern doctors use to identify diseases are relatively new. Prior to their availability, the doctor had to rely solely on the patient's excretions and, in the distant past, his sense of taste allowed him to identify the ailment, which was defined by the patient passing enormous volumes of

exceedingly sweet, honey-like pee. The three main symptoms of this illness that have been well documented in pre-Christian Indian literature are thirst, pleasant urine discharge, and weight loss.

Nearly every ailment has a separate classification in Ayurvedic medicine, depending on factors like its sign and symptoms, underlying cause, Aashraya, Sthana, etc. Prameha's Pratyatma Lakshana is the source of its name. Ayurvedic classics give in detail a variety of facts on Prameha. Here, an effort is made to analyse Prameha through the compilation of several sources. From several ayurvedic treatises, differing viewpoints on definition, paryaya, historical review, nidana, poorvarupa, etc., are assembled. This article does not address Prameha's therapeutic aspect. Many individuals nowadays are afflicted with this illness, which is sometimes referred to as the silent killer. This characteristic alone made a conceptual analysis of the illness necessary.

METHODOLOGY -

Materials pertaining to Madhumeha or Prameha were provided by various newspapers, ayurvedic and modern text books, authoritative pages, reputable journals, literature, manuscripts, Sanskrit Shabdakosha, and other sources.

HISTORICAL REVIEW

TABLE 1: REFERENCES OF PRAMEHA /MADHUMEHA IN VARIOUS INDIAN LITERATURES²

Period	Literature	Term used for Madhumeha
Vedic	Atharva Veda (Kaushika	Aastravam- which means Mutratisara i.e.
Period	Sutra) -	excessive urination
	K.Su.26/6-10	
	i. Agni Purana	Kshaudrameha and Akshaudrameha are described
	ii. Garuda Purana -	The term Madhumeha itself being used as
	G.P.159-9	"Madhuryacha tano rata"
	iii. Valmiki Ramayana	Description about urine in this condition is available.
Pauranic period	- Sundara Kaanda 24/2	After takingexcessive sweet juices some monkey
		passed Madhura Mutra.
	iv. Kautilya Artha Shastra	The word <i>Prameha</i> is found

TABLE 2: AN OVERVIEW ON PRAMEHA/ MADHUMEHA IN BRUHATRAYI3

Bruhattrayi	References	Described on		
	1. Nidana : 4	Etiology, pathogenesis, symptomatology and complications		
	2. Chikitsa: 6	Detailed treatment with Pathya- Apathya		
Charaka	3. Sutra : 17	Etiopathogenesis of Avaranajanya Madhumeha along with		
Samhita		complications is narrated		
	1. Nidana : 6	Nidana Panchaka of Prameha		

	2.Chikitsa: 11	Prameha Chikitsa
Sushruta	3.Chikitsa:12	Prameha Pidaka Chikitsa
Samhita	4.Chikitsa:13	Madhumeha Chikitsa
Ashtanga	1.Nidana :10	Prameha Nidana Panchaka
Hridaya	2.Chikitsa:12	Treatment aspects

TABLE 3: AN OVERVIEW ON PRAMEHA / MADHUMEHA IN OTHER AYURVEDIC CLASSICS⁴

S.N	Texts	Description
1	Bhela Samhita	Two types of Prameha is given i.e Swakritija Prameha and
	(Bh.Ni.6/1-4)	Prakritija Prameha
	Harita Samhita	Narrated Prameha as <i>Papajanya Roga</i> . Enumerated 13 types of
2	(Ha.S.3rd Sthana.31)	Prameha with different classifications like Puya Prameha, Takra
		Prameha, Rasa Prameha, Grita Prameha etc.
3	Kashyapa Sam ita	In Vedana Adhyaya symptoms of Pramehi child are given.
	(Ka.Su.25/22)	Considered as Chirakari Vyadhi.
4	Parashara Samhita	Madhumeha is described as Papakarma janya roga.
	(P.S.S.2-1)	
5	MadhavaNidaa	20 types of <i>Prameha</i> and 10 types of <i>Prameha Pidakas</i> are
	(Ma.Ni.33)	described.
6	Sharangadhara Samhita	Named 20 types of <i>Prameha</i> and mentioned 10 types of <i>Prameha</i>
	(Sh.Sam.Pur.7/59-62)	Pidakas.
7	Bhavaprakasha	Added some new preparations for the treatment of <i>Madhumeha</i> .
	(B.Pra.M.38)	
8	Chakradatta	Described the treatment of <i>Prameha</i>
	(35th chapter)	
9	Yogaratnakara	Chandraprabha Vati and Vasantakusumakara Rasa are specially
	-	indicated for Prameha.
10	Nyaya Chandria	Narrated <i>Avila Mutrata</i> is due to the presence of <i>Dushya</i> in urine.
	(Gayadasa)	

MADHUMEHA (A TYPE OF PRAMEHA)

The earliest treatment for Ayurvedic Madhumeha (Diabetes Mellitus) is group prameha. The primary causes of Prameha are bad eating habits and inactivity, which come under the Ushna category; fish and curd are good examples of Snigdha and Guru. Doshic imbalances are the cause of Prameha's irregular features. Foods high in medhas, Mootra, and Kapha are the etiological factors of Prameha. The terms Pra (overflow) and Meha (kscharane, urine pass) are the roots of the word Prameha. Prameha has significant urine turbidity and color turbidity ('Prague') as a result.

NIDANA (MAIN CAUSES)

Daytime naps, inactivity, sloth, sedentary lifestyles, cold food and drink intake, sensuality, sugary and fatty meals, and so on.

TABLE 4: PRAMEHA NIDANA⁵

	Ch an alan	Susruta	Ashtanga	Madhava	Bhava				
	Charaka	Susruia	hrudaya	nidana	prakasha				
Aharataha									
Nava Dhanya	+	-	+	+	+				
Sura	+	-	+	-	-				
Anupa Gramya	+	-	+	+	+				
Udaka									
Mamsa									
Ikshu	+	-	+	+	+				
Ksheera	+	-	+	+	+				
Dadhi	+	-	+	+	+				
Hayanaka,									
Yavaka, Cinaka,	+	-	-	-	-				
Iktaka									
Uddalaka	+	_	_	_	-				
Naisa									
ha,									
Mukund									
raka									
Harenu, Masa,	+	-	-	-	-				
Mahavrihi									
		Vihara	ıtaha						
Asaya Sukha	+	+	+	+	+				
Swapna Sukha	+	+	+	+	+				
Divaswapna	-	+	-	-	-				
Avyayama	+	+	-	-	-				
Atapa Sevana,	+	_	-	_	-				
Agni									
Santapa									
Ajeerna	+	-	-	-	-				
Bhojana,									
Anashana									
Vegadharana,	+	-	-	-	-				

Abhigata							
		Rasate	aha				
Madhura	+	+	+	-	-		
Amla	+	-	+	-	-		
Lavana	+	-	+	-	-		
Katu	+	-	-	-	-		
Tikta	+	-	-	-	-		
Kashaya	+	-	-	-	-		
		Gunat	aha				
Snigdha	-	+	+	-	-		
Guru	-	-	+	-	-		
Picchila	-	-	+	-	-		
Sheeta	-	+	+	-	-		
Drava, Ushna,	+	-	-	-	-		
Kshara							
Ruksha, Laghu	+	-	-	-	-		
		Karma	taha		I		
Kapha	+	-	+	+	+		
Samjanana							
Medo	+	+	+	+	+		
Samjanana							
Mootra	+	-	+	+	+		
Samjanana							
		Manasik	ataha				
Alasya	-	+	-	-	-		
Krodha, Shoka,	+	-	-	-	-		
Udwega							
	Atiyoga						
Vamana,	+	-	-	-	-		
Virechana							
Asthapana,	+	-	-	-	-		
Nasya							

PREMONITORY SYMPTOMS

Soil buildup on your teeth (mouth, eyes, nose, and ears), a burning feeling in your hands, feet, and body, hunger, and a delightful mouth taste, among other things (sweetness of urine).

TABLE 5: PRAMEHA POORVAROOPA⁵

Poorvaroopa	Charaka	Sushruta	Ashtanga	Ashtanga
			Hrudaya	Sangraha
Sweda	+	-	+	+
Angagandha	+	+	+	+
Anga Shaithilya	+	-	+	-
Anga Sada	-	+	-	-
Shayya Sukherati	+	-	+	-
Svapna Sukherati	+	-	+	-
Asana Sukherati	+	-	+	-
Hridayopadeha	+	-	+	-
Netropadeha	+	-	+	-
Jihwopadeha	+	+	+	-
Shravanopadeha	+	-	+	-
Taluni Malotpathi	-	+	-	-
Danteshu Malotpathi	-	+	-	-
Ghana Gatra	+	-	+	-
Kesha Ati Vriddhi	+	-	+	-
Nakha Ati Vriddhi	+	+	+	-
Kesha Jathilee Bhava	+	+	-	+
Sheeta Priyatvam	+	-	+	-
Gala, Talu Shosha	+	-	+	-
Asya Madhurya	+	+	+	+
Kara Pada Daha	+	+	+	-
MootraPipeelika	+	_	+	
Abhisarana	, i		·	
Madhura Mootrata	-	+	-	+
Shukla Mootrata	-	+	-	+
Snigdha Gatra	-	+	-	+
Picchila Gatrata	-	+	-	-
Gana Gatrata	-	+	-	+
Pipasa	+	+	-	-
Shvasa Dourgandya	-	+	-	-
Tandra	+	+	-	-
Kara Pada Suptata	+	-	-	-
Anga Suptata	+	-	-	-
Alasya	+	_	-	_

Mukha Shosha	+	-	-	-
Kayachidropadeham	+	-	-	+
Sarvakale Nidra	+	-	-	-
Shatpada	+	-	-	-
Abhisarana				
on Shareera				
Shatpada	+	-	-	+
Abhisarana				
on Mootra				
Pipeelika	+	-	-	+
Shareera				
Abhisarana				

CLINICAL SYMPTOMS

- 1. Madhu samana varna
- 2. Anga gandha
- 3. Madhuryamasya
- 4. Prabhuta mutrata
- 5. Avila mutrata
- 6. Shithilangata
- Shayana asana Swapna sukha
- 8. Shitapriyatwa

MAIN SYMPTOMS

- 1. Exhaustion
- Bodyache
- 3. Polyneuritis
- 4. Polyuria
- 5. Polyphagia
- 6. Polydipsia
- 7. Visual disturbance.
- 8. Delayed Healing of wound
- 9. Alashya
- 10. Thirstiness

CLASSIFICATION

- 1. Prameha is classed as Sahaja (Hereditary) or Apathya Nimittaja.
- 2. According to physical management, the lean diabetic is described as Apatharpana uthaja prameha. Santharpana uthaja prameha, which is concerned with the obese diabetic.

- 3. These Prameha are divided into twenty categories based on their doshic causes: Vataja Prameha There are four vataja Prameha in total.
- 4. Pittaja Prameha There are six pittaja Prameha in total.
- 5. Kaphaja Prameha There are 10 kaphaja Prameha in total. Madhumeha is the name given to diabetes mellitus. The Vataja Prameha is one of the four Vataja Pramehas.

TABLE 6: CLASSIFICATION OF PRAMEHA⁶

Sr.	Classification based	Types	
No	on		
		1. Kaphaja Pramehas – 10 types	
A	Dominant Dosha	2. Pittaja Pramehas – 6 types	
		3. Vataja Pramehas – 4 types	
		1. Sahaja 2. Apathyanimittaja	
В	Etiology	3. Santarpanajanya & Apatarpanajanya	
		4. Prakriti Prabhava & Swakrita	
С	Pathogenesis ^{7,8}	a) 1.Avaranajanya 2.Dhatukshayajanya	
		b) All the Prameha turn to Madhumeha in course of	
		time	
D	Body constitution ⁹	1.Sthoola Pramehi 2.Krisha Pramehi	
Е	Prognosis ¹⁰	1.Sadhya 2.Yapya 3.Asadhya	

TABLE 7: CLASSIFICATION OF PRAMEHA- DIFFERENT VIEWS¹¹

Types	Charaka	Susruta	Ashtanga	Madhava	
			hrudaya	nidana	
	Kaj	phaja Meha			
Udakameha	+	+	+	+	
Ikshuvalikameha	+	+	Ikshumeha	Ikshumeha	
Sandrameha	+	+	+	+	
Sandraprasadameh	+	Surameha	Surameha	Surameha	
a					
Shuklameha	+	Pishtameha	Pishtameha	Pishtameha	
Shitameha	+	Lavanameha	+	+	
Sikatameha	+	+	+	+	
Shanairmeha	+	+	+	+	
Alalmeha	+	Phenameha	Lalameha	Lalameha	
Shukrameha	+	+	+	+	
	Pittaja Meha				

Ksharameha	+	+	+	+
Kalameha	+	Amlameha	+	+
Nilameha	+	+	+	+
Lohitameha	+	Shonitameha	Raktameha	Raktameha
Manjishtameha	+	+	+	+
Haridrameha	+	+	+	+
	Vat	aja Meha		
Vasameha	+	+	+	+
Majjameha	+	Sarpimeha	+	+
Hastimeha	+	+	+	+
Madhumeha	+	Kshoudrame	+	+
		ha		

TABLE 11: TYPES OF PRAMEHA PIDAKA BY DIFFERENT ACHARYA¹²

S.no.	Pidaka	Charaka	Sushruta	Ashtanga
				hrudaya
1	Saravika	+	+	+
2	Kacchapika	+	+	+
3	Jalini	+	+	+
4	Vinita	+	+	+
5	Alaji	+	+	+
6	Masurika	-	+	+
7	Sarsapi	+	+	+
8	Putrini	-	+	+
9	Vidarika	-	+	+
10	Vidrdhika	+	+	+

SAMPRAPTI GHATAKAS¹³

- Dosha vata, pitta, kapha
- Dushya meda, mamsa, kleda, Rakta, vasa, majja, lasika, rasa and ojas
- Srotas mootravaha
- Srotodusti atipravrutti
- Agni dhatvagni
- Udhbhavasthana kostha
- Vyaktasthana mootravaha srotas

SAMPRAPTI

Due to etiological reasons, Rakta (blood) and other dooshyas (plasma) have been contacted by Kapha, which has disseminated throughout the body. The body circulates, distributes, and becomes vitiated (body fluids) due to its Shaithiylata (looseness). Body fluids have vitiated and led them into the bladder, in the same way that Pitta affects them and Vata generates prameha.¹⁴

UPADRAVA

TABLE 9: SAMANYA UPADRAVA¹⁵

S.no	Upadravas	Charaka	Bhela
1	Trushna	+	+
2	Atisara	+	-
3	Jwara	+	-
4	Daha	+	-
5	Daurbalya	+	-
6	Arochaka	+	+
7	Avipaka	+	-
8	Angamarda	-	+
9	Kasa	-	+
10	Brama	-	+
11	Tama	-	+
12	Shoola	-	+
13	Kandu	-	+
14	Putimamsa pidaka alaji	+	+
	vidradi aadi		

TABLE 10: KAPHAJA, PITTAJA, VATAJA PRAMEHA UPADRAVA¹⁶

Kaphaja Prameha	Pittaja Prameha	Vataja Prameha
Upadrava	Upadrava	Upadrava
Makshikopa Sarpanam	Vrushana- Avadarana	Hrdgraha
Alasya	Bastibheda	Laulyam
Mamsopachaya	Medratoda	Anidra
Pratisyaya	Hridshula	Stambha
Shaithilya	Amlika	Катра
Arochaka	Jwara	Shula
Avipaka	Atisara	Badhapurisatvam
Kapha Praseka	Arochaka	Shosa
Chhardi	Vamathu	Kasa
Nidra	Paridhupanam	Swasa

Kasa	Daha	Udavarta
Swasa	Murchchha	
	Pipasa	
	Nidranasa	
	Panduroga	
	Peeta- Vidmutratva	

MADHUMEHA PROGNOSIS¹⁷

Charaka explains the prediction:

- 1. **Sadhya** Curable: patients who have been identified with Sthoola (obesity) early on, as well as the basis of apathyaja problem.
- 2. **Yapya** palpable: Pittaja prameha and other varieties of Prameha Kaphaja, on the other hand, might help with care (palliative management).
- 3. The Sahaja variation defines Krisha (lean) patina, an incurable form of prameha and hereditary diabetes.

TREATMENT

Prameha, according to Ayurveda, is perceived differently depending on a person's constitution. In addition to drugs and diets, the patient is urged to maintain a healthy lifestyle and lead an independent existence based on a whole lifestyle transformation.

Diabetics are divided into two groups:

Type 1 diabetes and Type 2 diabetics.

- 1. Sthaulya
- 2. Krusha

$DIET^{12}$

The following food which can be given to the diabetes: -

- 1. Cereals:
- 2. Yava can be fed the best, most varied meal dishes, such as barley (Hordeum vulgare Barley). bread, Mantha, Odana, and other such items are available. Roti is a type of bread. Wheat may be given as well (Godooma). Rice: Purana shali (ancient rice) is suggested. Diabetics should consider Ayurveda as one of the grains to consume.

3. Pulses:

Mudga (Vignaradiata Greengram), Chanaka (Cicer arietinum Linn. – Bengal gram), Kulattha (Dolichos biflorus), etc, can be taken.

4. Vegetables:

5. Bitter vegetables (Tikta shaka), such as Karela (Momordica charantia - Bitter gourd), Methi (Trigonella foenum-graecum - Fenugreek), Patola (Vietnamese luffa, Vietnamese gourd, or Chinese okra), Rasona (Allium sativum Linn. – Garlic), etc.

6. Phalas:

7. Amalaki (Phyllanthus emblica - Nepalese/Indian gooseberry, or Dhatrik (in Maithili) or amla), Jambu (Syzygium cuini - Black berry), Kapitta (Phyllanthus emblica - Nepalese/Indian gooseberry, or Dhatrik (in Maithili) or amla), Jambu (Syzygium cuini - Black berry), Jambu (Limonia acidissima - Wood Apple, Elephant Apple, Monkey Fruit or Curd Fruit).

8. Vyayama

- 1. Gomukhasana
- Salbhasam
- 3. Vyayarma
- 4. Niyuddha
- 5. Kreeda
- 6. Gajacharya
- 7. Turagacharya
- 8. Rathacharya
- 9. Padacharya to ride an elephant, horse, cart riding and walking etc,

Drugs

- 1. Shilajatu
- 2. Guggulu
- 3. Haritaki
- 4. Amalaki.

SINGLE FORMULATIONS

- 1. Guduchi swarasa (Tinospora cardifolia) 10ml twice a day with honey (A.H.Ci 12/6)
- 2. Amalaki Curna (Phyllanthus emblica) 6 gm twice a day with honey (A.H.Ut. 40/48)

Avaleha

- 1. Saraleha: (Bhavaprakash): Dose: 3to 5 mg / day.
- 2. Gokshuradyavaleha (Bhavaprakash): Dose: 3to 5 mg/day.

Kwatha

- 1. Darvi, Surahwa, Triphala, Musta.
- 2. Triphala, Darvi, Vishala, Musta.

DISCUSSION -

The main factor influencing how the body grows and develops is nutrition, and a poor diet can cause a wide range of diseases. Acharya Charaka said that a balanced diet restores the broken structures, feeds the tissues, and keeps the components of the body in balance. Conversely, an illogical diet results in illness. Restricting food intake has also been shown in several studies to enhance insulin sensitivity and beta cell activity, which are pancreatic cells that secrete insulin. Ahar and Vihara have an equally, if not more, significant role in managing blood sugar levels and averting complications in people with diabetes. Ayurveda suggests dietary adjustments in addition to herbal therapy, such as reducing consumption of simple carbohydrate-rich meals and sugary foods while boosting consumption of a range of healthful grains. All category treatment regimens are built around diet.18

CONCLUSION

You may find references to prameha throughout the purana, Vedas, and other literary works. Ayurvedic treatises enumerate it and discuss it in detail. These fundamental ideas are necessary for an effective doctor to understand in order to do the samprapti vighatana with ease. Diabetes mellitus does not see Ayurveda as a disease that can be treated with simple medications or a diet plan. Though Yapya is not completely curable, long-term usage of the aforementioned treatments can assist a person not only become diabetes-free but also ensure a long life (deergha jeevanam), a stable (Sukhayu), and a supportive community (Hitayu). Madhumeha can be prevented if Pathya Ahara and Vihara are administered in the early phases, either before diabetes or when the disease is stabilised.

SOURCE OF SUPPORT: NIL.

CONFLICT OF INTEREST: NONE

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