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A CRITICAL REVIEW ON AMLAPITTA W.S.R TO G.E.R.D

Vd. Rahul I. Desai*1 and Vd. Harshada S.Phate2

¹Associate Professor Department of Kayachikitsa Astang Ayurved Mahavidyalaya, Pune. ²Assistant Professor Rachana Sharir SMBT Ayurved College, Dhamangaon Nashik.

*Corresponding Author: Vd. Rahul I. Desai

Associate Professor Department of Kayachikitsa Astang Ayurved Mahavidyalaya, Pune.

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INTRODUCTION

Ayurveda has a significant status among the various types of Indian medicine. From stone-age to space age, food pattern of people has undergone innumerable changes these changes have been always for the better aspect of life, yet most of the diseases are firmly rooted in poor dietary habits and life style.^[1]

Improper and faulty dietary habits causes dushti of annavaha strotas which leads to various disorders and Amlapitta is one of them.

Amlapitta is not mentioned in Brihattrayi. It was first mentioned in Kashyapa samhita. Amadhava Nidana, Bhavaprakasha and Yoga Ratnakara have also described it very well. Vagbhata has described that all diseases are caused due to Mandagni. Excessive consumption of Amla, Katu, Ushna and Vidahiaharsevana and Viruddhashana causes aggravation of Pitta dosha. Normally Pitta has Katu rasa but when Katu rasa is converted into Amla rasa, it causes Amlapitta. Ambara sambara sambara

MATERIAL METHORD

- Ayurvedic grantha
- 2. Internet Aritical and research work
- 3. Modern Medical Literature

Methord HISTORICAL REVIEW 3.1 DISEASE REVIEW

(1) VEDIC KALA

• No reference of Amlapitta was found in Vedic kala

(2) SAMHITA KALA

• Charaka Samhita

Separate references of *Amlapitta* are not found in *Charak Samhita*, but the word "*Amlapitta*" has been used at different places in *Sutrasthana* & *Chikitsasthana*. [10]

Following references regarding *Amlapitta* were found in *Charak Sutrasthana*

1. While describing the properties of milk (8 type), *Amlapitta* has been listed as an indication. [11] Ch. Su. 1/111:

- 2. Kulattha is mentioned as one of the causative factors of *Amlapitta* in Charak *Sutrasthana*.^[11] Ch. Su. 25/40.
- 3. In *Charak Sutrasthana*, *Amlapitta* has been listed as a disease occurring due to excessive use of *lavana* rasa and *viruddhaahar*.^[11] Ch. Su. 26/43
- 4. It described *Rajamasha* as *Amlapittaroganashaka*. [11] Ch. Su. 27/25
- 5. In *Charakchikit sasthana*, *Amlapitta* has been listed as an indication of Kansa Haritaki^[12] Ch. Chi. 12/52:
- 6. According to *Charaka*, due to *Agnimandya* when the food is not digested properly, it forms *Annavisha* which when mixed with Pitta causes *Amlapitta*^[12] Ch. Chi. 15/47

• Sushrutsamhita

 Symptom like "Amlika" has been described ¹³Su. Ni.21/2.

• Kayashapysamhita

1. Kayashapy samhita is the first which described the Amlapitta with its nidana, rupa, chikitsa and pathya and apathya. Importance of Desha and Kala in Amlapitta has also mentioned in this Samhita. [14]

• Harita samhita

1. The word '*Amlahikka*' has been used for *Amlapitta* and separate chapter has been given in *Haritsamhita*. ^[15]

(3) SANGRAHA KALA

• Madhava Nidana

In *Madhava Nidana Amlapitta* is described with its *nidana*, *rupa*, types and *samprapti*. [16]

• Chakradutta

In Chakradutta, Chikitsa of Amlapitta is described in detail. [17]

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• Sharangadhara samhita

In *Sharangadhara Samhita*, *Chikitsa* and methods of preparation of different types of food useful in *Amlapitta* is described in detail. [18]

• Bhavaprakasha

In *Bhavaprakash*a separate chapter of *Amlapitta* have been described with its *upadrava & Arishtalakshan* in Bhavaprakasha. [19]

• Yoga Ratnakara

Yogratnakar described nidana, rupa, prakara, samprapti along with upadravas of Amlapitta. [20]

• Bhaishajyaratnavali

In *Bhaishajyaratnavali*, *chikitsa* of *Amlapitta* and effectiveness of various *yogas* have been described in detail.^[21]

Ayurvedic review of Annavaha Srotasa

Annavaha srotasa means the channel which transports the food from the mouth to the anus.

Moola

According to *Acharya Charaka*, *Amashaya* & *Vamparshva*are the *Moolsthana* of *Annavahasrotasa*. [22] According to *Acharya Sushruta Amashaya* and *Annavahidhamanyas* are the *moola* of *Annavahasrotasa*. [23]

Amashaya

Chakrapani has divided *Amashaya* into two parts: *Urdhva amashaya* and *Adho amashaya* which are the places of *Kapha* and *Pitta* respectively. [24]

Pittadhara Kala

Acharya Sushruta has described the sixth kala situated between Pakvashaya and Amashaya as pittadhara kala. According to him grahani is covered by pittadhara kala.

Its main function is to provide *Pachaka Pitta*, which is necessary for the digestion of the food.^[25]

Samana Vayu

According to Vagbhatta, sthana of Samanavayu is just near the Agni and it is responsible for the Pachana (digestion), Vivechana (separation) and Munchana (propulsion & expulsion) of the food. [26]

AHARA PAKA KRIYA

Following two phases (avastha).

- 1. Avasthapaka (1st phase of digestion)
- 2. *Nisthapaka* (2nd phase of digestion)

Avasthapaka

The process of digestion by *Pachakagni* is known as *Avasthapaka*.

- 1. Madhura Avasthapaka
- 2. Amla Avasthapaka
- 3. Katu Avasthapaka^[27]

• Madhura Avasthapaka

It is the first stage of *Avasthapak*a which takes place in the upper portion of the *Urdhva amashaya* i.e. fundus of the stomach.

• Amla Avasthapaka

It is the second stage of avasthapaka in which the food attains the Amlabhava, after the secretion of Amla rasa secreted by Urdhva amashaya.

• Katu Avasthapaka

It is the third stage of *avasthapaka*. In this stage, the *pakvapakva ahara* is propelled forward to the *pakvashaya* where Agni makes it *ruksh*. The undigested food materials are converted into mala.

Nidan of Annavahastroto dushti^[28]

- 1. Ati matra bhojana: Excessive intake of food.
- 2. Akale bhojana: Irregular pattern of food intake.
- 3. Ahita bhojana: Intake of food which is harmful for health
- 4. *Agni dusti*: Imbalance of digestive power (due to *doshavaishamya*)

Lakshana of Annavahastroto dushti

Four symptoms of the *Annavaha sroto dusti* described by *Acharya Charaka*

- Anannabhilasha Lack of interest in food
- Arochaka Loss of taste of food
- Avipaka Indigestion of food
- Chhardi Vomiting

Definition of $Amlapitta^{[29]}$

According to Acharya Kashyapa, the Vidagdha ahara becomes Amla and remains still in the stomach which provokes the Pitta dosha. Vitiated Pitta causes mandaagni due to this katu rasa get converted into Amla rasa causing "Amlapitta".Ka.kil 16/9.

The condition in which *Vidahi and Amla guna* of *Pitta* is exaggerated, is called "*Amlapitta*.^[30] Ma.ni 51/1(*madukoshtika*)

• Nidana^[31]

The etiological factors of *Amlapitta* can be broadly classified *as*

- Aharaja
- Viharaja
- Manasika
- Agantuja

Table 1: Showing Aharaj hetu of Amlapitta.

Sr.	Nidanas	K.S	M.N	B.P	Y.R	S.N	REF
1	Kulatthasevana	+					k.s khil16-3-6
2	Pulakasevana	+					
3	Guru ahara sevana	+					
4	Abhishyandi ahara	+					
5	Ati snigdha ahara	+					
6	Ati ruksha ahara	+					
7	Pishtanna sevana	+					
8	Apakva anna sevana	+					
9	Phanita sevana	+					
10	Ikshuvikara sevana	+					
11	Paryushita anna sevana	+					
12	Bhurjitadhanya sevana	+					
13	Ati ushnanna sevana	+					
14	Adhyashana	+					
15	Atidrava	+					
16	Ajirnebhojana	+					
17	Madhyasavana	+					
18	Go rasavarga sevana	+					
19	Annahinamadhya sevana	+					
20	Antrodakapana	+					
21	Akalebhojanam	+				+	s.namlapiita adhikar373-378
22	Akaleanashana	+				+	
23	Vishamashana	+				+	
24	Vidahianna sevana		+	+	+		Ma.ni 15/1 b.p 10/1
25	Vidahipana sevana		+	+	+		y.ramlapiitaadhikaruutara237
26	Dushtanna sevan		+	+	+		
27	Viruddhashana		+	+	+	+	
28	Atiamla sevana		+	+	+	+	
29	Kaphaprakopianna sevana		+	+	+	+	
30	Vidagdhaahara sevana			+	+		
31	Pitta prakoaana sevana			+	+		
32	Ati tikshana sevan						
33	Katuannapana sevana	+					
34	Vega vidharan	+					
35	Bhukte diwa swapna	+					
36	Bhuktaatyashana	+					
37	Bhuktaavagahan	+					

1. Viharaja Hetu

- Ati snan(Taking excessive bath)
- Ati avagahanat (Excessive swimming)
- Bhuktwabhuktwadiwasvapna(Sleeping in day time after meals)
- Veganam dharanam (Suppression of natural urges)
- Shayyaprajagaraihi (Improper sleeping schedule)

2. ManasaHetu

Chinta, Shoka, Bhaya, KrodhaMoha

3. Agantuj

- Desha,
- Kala,
- Ritu

Prakriti

Desha

According to Acharya *Kashyapa* the disease is more predominant in *Anupa Desha*, because of *Kapha provocation* nature.

Kala

Kala or time factor is responsible for physiological/anatomical structure of the body *Balyavastha*, *Madhya* and *Vriddhavastha*.

Retu

The rainy season is responsible for *Amlavipaka* of water (due to weakened digestion power and vitiation of *Vata*

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and other Doshas) and eatables, which in turn vitiates Pitta and Kapha.

Prakriti

Pitta Prakriti persons are also more susceptible for the process of aggravation of the diseases.

4. SAMPRAPTI

Sholoka-"vatady> àkuPyiNt te;amNytmae yda, mNdIkraeit kayai¶m¶aE madRvmagte. @taNyev twa ÉUy>sevmanSy dumRte>, yiTkiÂdizt< pIt< deihnStiÏ dýit. ivdGx< zu ta< yait zu mamazye iSwtm œ, tdMlipÄimTyahuÉURiyó< ipÄdU;[at œ. jNtaeyRdnubXnait laELyadinytaTmn>, kaˆ ioˆ"16, 7-9.

According to *Acharya Kashyapa*, the *nidanasevana* causes *Doshaprakopa* especially *Pitta Dosha*. This eventually creates *Mandagni* due to which ingested food become *Vidagdha* form and attains *Shuktibhava*). This *Vidagdha* and *Shuktibhava* of food creates *Amlata* in *Amashaya*. This condition is called *Amlapitta* (k.s 16/10-12)



5. Samprapti Ghatakas^[32]

1. Dosha: Tridosha (mainly Pitta)

Dushya: Rasa, Rakta
 Srotasa: Annavaha
 Agni: Jatharagni

8. Vishishta Rupas

Table no. 3: Showing vishishta rupas according to Dosha dusti.

Vishishta Rupas	Vata	Pitta	Kapha	
According to Kashyapa Samhita	Shoola, Angasada, Jrimbha	Bhrama, Vidaha	Gaurava, Chhardi	
	Kampa, Pralapa, Murchha,	Tiktodgar, Amloudagar,	Kaphanishthivana, Gaurava,	
According to	Chimchimitva, Shoola,	Katuudagar, Hriddhaha,	Jadata, Aruchi, Shita, Saada,	
Madav Nidan	Vibhrama, Vimoha,	Bhrama, Aruchi, Chharadi,	Vami, Lepa, Agnimandya,	
	Harsha, tamodarshan	Alasya,	Kandu, Nindra	

5. Ama: Jatharagnimandhyajanya

6. Udbhavasthana :Amashaya

7. Adhisthana :Adhoamashaya

8. Sanchara: Annavaha

9. Swabhaya: Chirkari

10. Pradhanta: Pitta Doshapradhana

6. Purvarupa

In ancient Ayurvedic texts, no specific purvarupa are given for Amlapitta.

7. Rupa

According to *Acharya Sushruta*, rupa appears in the *vyakti* stage. *Rupa* of *Amlapitta* are as follows.

Table No -2: Showing The Classical Rupas of Amlapitta.

Sr	Rupa	K.S	M.N	B.P	Y.R	S.N
1	Avipaka		+	+	+	
2	Klama		+	+	+	+
3	Utklesha		+	+	+	
4	Tiktodgara		+	+	+	
5	Amlodgara		+	+	+	+
6	Gaurava		+	+	+	
7	HridDaha	+	+	+	+	+
8	KanthaDaha	+	+	+	+	+
9	Aruchi		+	+	+	
10	Vidbheda	+				
11	Gurukosthata	+				
12	Amlakosthata	+				
13	Shiroruja	+				+
14	Hridshoola	+				
15	Adhmana	+				
16	Angasada	+				
17	Roma harsha	+				
18	Antrakujana	+				
19	Urovidaha	+				
20	Tiktasyata					+

9. BHEDA (classification)

Table No. 4: Showing bheda of Amlapitta.

According to Archarya Kashyapa	According to Archarya Madhava
VatikaAmlapitta	SanilaAmlapitta
PaittikaAmlapitta	SanilaKaphaAmlapitta
SlesmikaAmlapitta	SakaphaAmlapitta
	SlesmapittaAmlapitta
	According to Gati-
	1 Udravagata Amlapitta
	2 Adhogata Amlapitta

10. Sapekshanidana (Differential Diagnosis)

- Vidagdh ajirna,
- Pittaja atisara,
- Pittaja grahani

11. Upasaya Anupasaya (According to Acharya Kaypasha)

- 1. Vataja Amlapitta Snigdha upasaya
- 2. Pittaja Amlapitta Swadu and sita upasaya
- 3. Kaphaja Amlapitta Ruksha and ushna upasaya

12. *Upadrava* (kayashapyaSamhita)

Atisara, Pandu, Shotha, Aruchi, Bhrama, Dhatukshinata, Shoola

13. Sadhyasadhyata^[33]

- 1) According to *Acharya Madhava Nidana*, *Amlapitta* with recent origin is *sadhya* but in chronic stage it becomes *yapya* or *krichhasadhy*.
- 2) According to *Acharya Kashyapa*, *Amlapitta* becomes *asadhya* (incurable) when its associated with *upadrava*..

14. *Chikitsa*^[34]

AMlipÄe tu vmn< ^ ^^ ^ ^ ^ r'mae]í yu'ya. ya e^r^ AMlipÄaixkar

Samanya chikitsa of Amlapitta-

According to Acharya Yogaratnakara and Acharya Kashyapa

- 1. Vamana is the first line of treatment for Amlapitta (patol+neem + madanfal).
- 2. Virechana –after that mrudu virechan is indicated for Amlapitta (triphala +madhu).
- 3. Basti Anuvasan and Asthapan Basti should be administered in Chronic Amlapitta,
- 4. Shaman chikitsa- Shodhan Chikitsa is followed by Shaman chikitsa. Ahar, and aushdi according to predominance Dosha. (Patoladi Kwath, Bhunimbadi Kwath, guduchi Moodak are given in different Samhita.)

According to Madhava Nidan

- 1. Udarvagat Amlapitta -*Vamana* should be administered at first. After the *Vamana*, *shamana* drug should be used.
- 2. Adhogata Amlapiita -Virechana should be administrated for adhogata Amlapitta. Then shaman therapy to be performed.

DISCUSSION AND CONCLUSION

Amlapitta is a dominant disease in the present scenario of unhealthy food habits and regimens. The Brahtrayi Granthas has a scattered references about the Amlapitta but doesn't give detailed explanation or protocol of treatment for Amlapitta. Acharya Madavakara has divided Amlapitta into Urdwva and Adha on the basis of Doshagati^[16] and Madavanidana is a compilation of all Samhitas and is limited to the Nidana aspect only. Acharya Kashypa was the first person to give detailed protocol of treatment for Amlapitta. Acharya gives instruction to do Vamana where the Dushita Drava Yukta Pitta^[17] goes out and Agni gains its normalcy. After this Aushadi is given to do the Pachana of Dosha and further is eliminated from the body through purgation. Advice for change of place in Amlapitta treatment also considered as the peculiarity of Kashyapa Samhita where the Acharya says to change the habitat where all the above treatment modality fails. Acharya says Amlapitta is more common in marshy land so one should be away from the Desha which is more prone for

Interpretation of Chikitsa with Panchamahabhuta siddhantha Most of the drugs (in samana aspect) are having Tikta Rasa which has Vayu + Akasha Mahabhuta. This Vayu Mahabhuta dries up the Dravtva of Dushita Pitta and this Akasha Mahabhuta removes the Srotorodha which in turn is the Samprapti Vighatana. So by applying Samuchaya Tantrayukti one should understand that all Tikta Rasa drugs can be used in the treatment of Amlapitta. Further Acharya says about the Pathya to be followed which is good for the Srotas, does the Dipana of Agni and promotion of Bala.

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