

INTERNATIONAL AYURVEDIC MEDICAL JOURNAL



Review Article

ISSN: 2320-5091

Impact Factor: 6.719

COMPARATIVE ANALYSIS OF JWARA CHIKITSA SIDDHANTA AMONG THE CHARAKA SAMHITA AND SUSHRUTA SAMHITA

Avula Srinivas

MD (Ayu samhita), Associate Professor, Dept of Samhita Siddhantha, Raja Rajeshwari Ayurvedic Medical College and Hospital, Humnabad, Bidar District, Karnataka. India

Corresponding Author: srinivasonu16@gmail.com

https://doi.org/10.46607/iamj2809102021

(Published Online: October 2021)

Open Access © International Ayurvedic Medical Journal, India 2021 Article Received: 26/09//2021 - Peer Reviewed: 06/10/2021 - Accepted for Publication: 07/10/2021

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ABSTRACT

Jwara is one of the dreadful diseases, which affects the human body, mind as well as senses. The Jwara has been described in *Charaka Samhita* and *Sushruta samhita* in detail. *Charaka Samhita* is considered as medicine oriented where it is mentioned that due to *Nidana* the aggravated *Dosas* afflicts the *Amasaya*, mixes up with *Agni* and causes *Sroto avarodha* of *Rasa* and *Sweda* and further suppresses the *Agni* and expels heat from the site of digestion and spreads all over the body results in the *Jwara*. Whereas *Sushruta Samhita* is having the influence of surgical interventions mentions that a man comes to this world with *Jwara* and departs with it. *Jwara* was originated from the wrath of Lord Rudra, it is considered the king of all diseases and destroyer of all creatures. *Jwara* is also found in other literature like mahabharatas and Puranas etc, as *Jwara* destroys the body as well as *Dhatus*, it is called *Kshaya*, as *Jwara* produces *Moha* it is also called as *Tama* and as it kills the person like *Yamaraja* it is called as *Yamatmaka*. So here an attempt has been made to understand the *Jwara chikitsa siddhanta* (principles) among the *Charaka samhita* and *Sushruta samhita* with their similarities and specifications.

Keywords: Jwara, Charaka samhita, Sushruta samhita, Fever.

INTRODUCTION

Samhitas are the source of knowledge of Ayurveda. To achieve the four pursuits of life, Ayurveda helps to maintain health and cure the disease. Diseases are described in Samhitas with their aetiology, sign symptoms and management. Jwara (fever) is a disease that is present at the time of birth and death also. Jwara is considered an important disease as it afflicts the body, mind and senses. In Charaka samhita jwara has been described with its aetiology, sign symptoms and management principle in Nidanasthana, whereas its detailed management with different types described in chikitsasthana. In Sushruta Samhita, the *jwara* has been described with its aetiology, sign symptoms and management principle in chikitsasthana.^{1, 2} In Sushruta samhita jwara chapter initiated as the one among the sixteen complications of vrana. But furthermore, in the same chapter in a detailed description of jwara with its types, sign symptoms, management has been described.³ So here the similarities and specifications of the jwara chikitsa siddhanta(principles) among the Charaka samhita and Sushruta samhita have been reviewed and discussed.

Aim: Comparative study of *Jwara chikitsa siddhanta* among the *Charaka samhita* and *Sushruta samhita*.

Objectives: To study the *Jwara chikitsa siddhanta* from *Charaka Samhita*, to study the *Jwara chikitsa siddhanta* from *Sushruta Samhita*

Material and Methods: Charaka Samhita, Sushruta samhita

Observations:

Mythological origin: *Charaka samhita* and *Sushruta samhita* both consider the origin of *jwara* is from lord *Shiva. Jwara* is considered supreme among all the diseases named by a different name in a different creature.^{4, 5} Due to presence of devotional power in human being they can tolerate the fever, but rest of all animals could not survive once get afflicted by fever.⁵

Types:

Classification of *jwara;* -

Charaka Samhita ⁶; -

Nija jwara- twofold, threefold, fourfold, sevenfold

A] Twofold: sharirika manasika, Soumya aagneya, Antarvega bahirvega, Prakruta vaikruta, Sadhya asadhya

B] Fivefold: *santat, satat, anyedushka, tritiyaka, chaturthaka*

C]Sevenfold: *saptadhatugata*

D] Eightfold: As per the cause

E] *Sannipataj jwara* described in detail with its thirteen types

Sushruta samhita⁷; -

A] There are eight types of *jwara*

B] The types of *sannipataja jwara* has been described as *abhinyasa, hatoujas, sanyasa, ojonirodhaja*.

C] Vishamajwara Satat, anyedushka, trutiyaka, chaturthaka, pralepaka

D] Dhatugata jwara.

In *Charaka samhita* following points have been highlighted:⁸

Jwara prakruti: Sharirika: vata, pitta, kapha and Manasika: Raja, Tama. Jwara prabhava: santapa, aruchi, trushna, angamarda, hradi vyatha, present at the time of birth and death. Adhishthana: whole body with the mind. Pratyatma laxana: santapo deha manasa. Mana santap laxan: vaichitya, arati, glani. Indriya santap: Indriya vaikruti.

Nidana:

Charaka samhita: ⁹ In *nidanasthana* there is a description of eight types of *jwara*. The *Strotas* involved in the occurrence of *jwara* is *Rasavaha and Swedavaha*. *Nidana, samprapti and laxanas* have been described separately for *vataj, pittaja, kaphaja, Dwandaja, sannipataja jwara*. *Vishamprajanana* and *prajata mithyopachara* are also elaborated as a cause for *jwara*. In *Sushruta samhita* the common causative factor for *jwara* has been described viz., *Snehadi karma mithyayoga, atiyoga, Abhighat, Rogotthana prapakata, shrama, kshaya, ajeerna, visha, satmya viparyaya, rutu viparyaya, oushadhi pushpa gandha, shoka, nakshatrapeeda, abhichar, abhishap, manasika abhishang, Apprajata, ahita sevan prajata, stanyaavataran.⁷*

Purvarupa:

In *Charaka samhita* the prodromal signs of fever have been described as, *aalasya*, *nayanasrava*, *jrumbha*, *gourava*, *klama*, *bhakta dwesha*, *avipaka*, *aasyavairasya*, *balahani*, *varnahani*, *alpa sheela vaikruta*.¹⁰

The general prodromal sign and symptoms have been described in *Sushruta samhita*, along with the specific prodromal sign and symptoms in concern with involved doshas are described. *Vata- jrumbha* (yawning) *Pitta- nayan dah* (burning sensation in eyes), *Kapha- na anna abhinandan* (no desire for food)

The sign and symptoms of *vataj pittaja* and *kaphaja jwara* have been described in detail. *Dwandwaja jwaras* description has been also described.¹¹

Jwara samanya laxana: swedavrodha, santap, sarvangagrahan.

Jwara samprapti:

Table 1

Charaka samhita describes the *samprapti* of *jwara* with its *nidana* in detail with individual types in *ni-danasthana*. Furthermore, in *chikitsasthana* the common *samprapti* have been described. In *Sushruta*

samhita common *samprapti* have been described. The vitiated *doshas* when pulls out the *aamaashaya ushma* into *rasavaha* and *swedavaha strotas*. The obstruction occurs in a *strotas*, *agni* gets diminished and manifest the *jwara*.

Sign and symptoms of curable, not curable fever: ¹²

In *Charaka samhita* following signs and symptoms have been described for curable, not curable fever. Curable: afflicted to strong person, involvement of *alpa dosha*, having no complications. Not curable: the presence of multiple causes and having multiple signs and symptoms.

wara with severe *pralapa*, *bhrama*, *shwasa* takes away the life of a person as seven days in *vataj jwara*, 10 days in *pittaja jwara*, and 12 days in *kaphaja jwara*.

Jwara is afflicted to weak person, having edema, kesha seemant krut is not curable.

Samanya jwara chikitsa

The principles of *jwara chikitsa* have been described in both *samhitas*.

Stage	Charaka Samhita ¹³	Sushruta samhita ¹⁴
Purvarupa	Laghu, apatarpana	Vataj- Pure ghee
		Pittaj- Virechana
		Kaphaja – Mrudu Prachachardhana
Aamashaya samuttha:	kashayapana, abhyanga, sneha, sweda,	Apatarpan
	pradeha, parisheka,	Vaman
	lepana, vaman, virechana, aasthapana, anuvasan,	Langhana
	nasya, dhupa, dhuma, ksheerabhojana.	Ushnambu
		Vaman, Viechana, Aasthapana, shirovirechana
Jeerna jwara:	Sarpi pana.	Sarpi pan

The treatment principles of *jwara* in *Charaka samhita* have been described as follows, ^{15,16,17}

The sign and symptoms of *Aamajwara*, *Pachyamana jwara*, *Nirama jwara* have been described. *Nava jwara* prohibited *the* Importance of *langhana*.

Siddha jala (Medicated drinks) to be administered in *jwara:*

Ushna jala in vata kapha jwara, Tiktaka shruta sheeta jala in madyaja and paittika jwara, Shadanga paniya in all kinds of fever. Yavagu (gruel): The gruel must be administered till the fever diminishes or till six days. The yavagu is contraindicated in madatyaya, madyanitya, pitta kaphadhikya, urdhwag raktapitta. The administration of Tarpan, Peya, Yusha, Shaka, Mamsarasa, Jwaranashaka kashaya, Vishama jwaranashaka panchakashaya have been described. Administration of ghee- the jwara which is not subsided by decoction, vaman, langhana administer the ghrita. Ghritapana is advised in manda kapha, vata pittottar jwara. Ksheera is advised in daha trushna, vatapittottara jwara. Vamana (emesis) must be administered in a condition of nausea. Administration of kashaya after six days. Niruha basti – jwara ksheene. Virechanapitta, kaphapitta, pittashayagata. Bastipakwashayagata. Anuvasana- kapha pitta, dridhagni, ruksha baddha purisha. Nasya- gourav, shirashula, vibaddha indriya, jeerna jwara.

External Therapy- *abhyanga, pradeha, parisheka, avagah, dhoop anjana. Sanshodhana- vamana* and *virechana* must be adopted in *bahudoshavastha* as per the requirement. Milk: the milk must be administered in *jeerna jwara* processed with medicines as per need. *Daha jwara-* administers the *sahasradhouta sarpi, chandanadi taila. Langhana* is not advisable in *vataj, shramaj, purana, kshataj jwara. Nirama jwara duration*: the fever becomes *nirama* on the eighth day. *Vataj jwara- Basti Pittaja jwara- Virechana Kaphaja jwara- Vaman,* the treatment principles of Sushruata *samhita* have been described as follows¹⁴

When Sign And Symptoms Occur:

The Apatarpan is the first line of treatment. If doshas are present in Aamashaya then do vaman. The duration of fasting is till doshas are stagnant (stimit). Langhana is not indicated in vataj, kshayaja and manas jwara. Ushnambu is indicated in all kinds of jwara. Shadangasiddha peya has been described in Sushruta samhita. The decoction of medicine must be administering after seven nights. In Sushruta samhita Sama jwara and niramajwara sign symptoms have been described. Madya prayoga and ksheera prayoga are also described. The fever occurs in ap prajata and stanyavataran should be treated palliative. If a person is suffering from thirst in fever, then administer vaman with madhu and sheeta jala. Vaman, Viechana, Aasthapana, shirovirechana described in *jwara*. Administer the Ghee for mitigating the dryness of the body. Lajatarpana with sita and madhu should administer for thirst accompanied by burning sensation and vomiting.

Vishamajwara: ^{18, 19} In *Sushruta samhita vishama jwara* has been described in detail. When a person indulges in an unwholesome diet after treatment of *jwara* then *vishamjwara* occurs. The *aagntuka* (exog-

enous) cause is also responsible for *vishamajwara*. *Bhutabhishanga* is also a cause for *vishamajwara*. In *vishamajwara* the *dosha* when reaches *aamashya* causes fever.

Types:

Charaka samhita^{20:} - *Santata, Satata, Anyedushka, Tritiyaka, Chaturthaka* are the types of *vishamajwa-ra*.

Sushruta samhita²¹: - Satat, anyedushka, trutiyaka, chaturthaka, pralepaka are the types of vishamajwa-ra.

Santataka has been described in the duration of fever is also one of the types of satatak jwara.

Dhatugata jwara: ^{22, 23} In Charaka samhita Dhatugata jwara sign and symptoms have been described in detail as rasa, rakta, mamsa, meda, asthi, majja, shukra. Among them, Curable is rasa, rakta, mamsa, meda, Difficult to curable asthi, majja, and noncurable shukra. The sign and symptoms of dwandwaja jwara have been described In Sushruta samhita Sign and symptoms of jwara as per the residence in dhatus have been described. As per the involvement of doshas in dhatus(tissues) ekdoshaja, dwandwaj and sannipatik signs and symptoms have been described.

Saptadhatugata jwara treatment: Specific treatments for *dhatugata jwara* have been described in *Charaka samhita*.

Rasa -vaman, upawasa, Rakta- seka pradeha, palliative treatment, Mamsa, Meda- Virechana, upawasa, Asthi, Majja- Niruha, Anuvasan.

Sannipataj jwara:^{24,25} Sannipata jwara have been described in both samhitas. In Charaka samhita Sannipataj jwara is described with its thirteen types. In Sushruta samhita the types of sannipataja jwara has been described as abhinyasa, hatoujas, sanyasa, ojonirodhaja. In Charaka samhita stated that the sannipataja jwara present with all the signs and symptoms, digestive fire has been abolished, doshas are vibaddha (stagnant) then it is incurable otherwise difficult to cure In Sushruta samhita the duration for relief from sannipataj jwara is seven days, ten days or twelve days.

Sannipata Jwara Chikitsa:

Increment of depleted *doshas* and minimizing the increased *doshas* with consideration of *kapha* is the principle in *sannipata jwara chikitsa* described in *Charaka Samhita*.

In *Charaka samhita* following treatment has been adopted in certain conditions.

Raktamokshana:

When inflammation occurs at the ear root at the end of *sannipataj jwara* then do the *raktamokshan, sarpi*- pan, predeha and navan. The fever which is not subsiding by the contrast treatment of *sheeta ushna*, *ruksha*, *snigdha* then *raktamokshan* will be the line of treatment. The fever occurs due to *visarpa*, *abhighata*, *visphotaka*, the *sarpi pana* is the prime line of treatment.

Aagantuja Jwara:

Aagntuja jwara have been described in both the samhitas.

	Charaka samhita ²⁶	Sushruta samhita ²⁷
Types	abhighataj,	Abhighataj,
	abhishangaj,	vishajanya,
	abhichaaraj,	kama jwara,
	abhishapaj	abhicharaj,
		abhishapaj,
		abhishangaj
Involvement of	In Nidana sthana described as	Oushigandhaja jwara: unconsciousness, headache, vomiting,
Dosha, sign		sneezing.
symptoms	Abhighataj- vata and dushta shonit	Kamaj jwara: altered consciousness, stupor, laziness, anorex-
	Abhishangaj- vata pitta	ia, pain at heart region.
	Abhichaaraj -sannipataj	Abhishangaja jwara- bhutavidya, bandhana, poojan
	Abhishapaj –sannipataj	Blackish discolouration on the face, burning sensation, diar-
		rhoea, catching pain at heart region, pain on an empty stom-
	In chikitsa sthana described as	ach, thirst, pricking pain, unconsciousness, weakness are the
		signs of a fever of poisonous origin.
	Abhighata- vayu and rakta	
	Abhishanga- tridoshaprakopaka	
	Sign and symptoms are eightfold as	
	explained in unmada chapter	
	Abhishangaja jwara occurs due to	
	poisonous contamination can be treat-	
	ed with antipoisonous treatment	
	Kama jwara: dhyana nishwasa bahul	
	Bhaya jwara- shoka, bashpa bahula	
Treatment princi-	Abhighataj Jwara- ghritapan, ab-	Manasa jwara- vidnyanadi
ple	hyanga, raktamokshana	Shramaja, kshayaja ghrita, mamsarasa
	Kshataja Jwara- Kshata chikitsa	Abhishapa, abhichara- homa
	Vranaja Jwara- Vrana chikitsa	Utpata grahapidita: dana swastivachana, atithipujana
	Kama, shoka, bhaya Jwara- Assur-	Abhighatajwara: ushna vivarjita kashaya, madhura, snigdha
	ance pleasure	yatha dosham
	Kamaja Jwara- manodnya, pittaghna	
	Krodha Jwara- polite statement.	

Table 2

Jeerna jwara: 28, 29

Both *samhitas* have described the *jeerna jwara*. *Sarpipana* have been described as treatment in *Charaka samhita* In *Sushruta samhita* specific *ghrita* viz., *Kalyanak ghrita*, *Mahakalyanak ghrita* have been described.

Punaravartak jwara (Relapsing fever) ^{30:} This is explained in *Charaka samhita* with its cause and treatment. Treatment adopted in *punaravarataka jwara* is *mrudu shodhana, yapan basti, laghu yush, jangal mamsa, Abhyanga, Udwartana, snana, dhupan, anjana, tikta ghrita*. In *Sushruta samhita Gambhira jwara* sign and symptoms viz., *antardaha, trushna, aanaha, shwasa, kasa, and Asaadhya laxana viz., hataprabhendriya, ksheena, arochaka, tikshna vega* have been described.³¹

Jwaramukta Laxanas:

In Charaka *samhita* sign symptoms in the process of relieving fever and sign symptoms of relieving fever have been described. Dos and Don'ts for the person who had got cured of fever were also explained. In *Sushruta samhita* signs symptoms of relief from fever have been described.³⁰ Shiro *laghutwa, sweda, mukha apandu, mukha paka, kshavathu, annakanksha* are the symptoms of a person who got relief from fever.³²

DISCUSSION

The *jwara* has given foremost importance among both *Samhita*. The classification of *jwara* is described in both, but *Charaka samhita* have detail classification than that of *Sushruta samhita*. *Sushruta samhita* explained some types of *jwara* which are not found in *Charaka samhita* such as *sannipataja jwara* has been described as *abhinyasa*, *hatoujas*, *sanyasa*, *ojonirodhaja*. In *Charaka samhita nidana* has been described separately for each type of fever. In *Sushruta samhita* the common cause for *nija jwara* has been described. *Stanyavaran* as a cause for *jwara* have

been described in Sushruta samhita. Both the treatise considers the rasawaha and swedavaha strotas involvement in the occurrence of fever. The description of specific prodromal signs as per the involvement of doshas is the contribution of Sushruta samhita. The treatment principle as per prodromal signs, aamavastha has been described in both samhitas. In Sushruta samhita administration of specific medicine as per the *dosha* involvement in the prodromal stage have been described viz., vataj- pure ghee, pittajvirechana, kaphaja – mrudu prachachardhana. The aagntuka (exogenous) cause and Bhutabhishanga other than vishamashan have been considered as a cause for vishamajwara in Sushruta samhita. Panchakashaya (five decoctions) have been exclusively explained in Charaka samhita for vishamajwara as per types. In both samhitas daivvyapashraya (worship of gods, auspicious things) and medicinal line of treatment has been described for vishamajwara. Sannipataj jwara has been described in both samhitas. Sushruta samhita stated the duration to relieve the fever in sannipataj jwara, whereas in Charaka samhita incurable signs have been described. In the treatment, aspect raktamokshana have been described in Charaka samhita but in Sushruta samhita in jwara chapter, there is no description of raktmokshana in jwara chikitsa. Both have described the jeerna jwara, sarpipana have been described as treatment in Charaka samhita. In Sushruta samhita specific ghrita viz., Kalyanak ghrita, Mahakalyanak ghrita have been described.

Punaravartak jwara (Relapsing fever) is explained in Charaka samhita with its cause and treatment. Even though the Sushruta samhita has an influence on surgical procedures the raktamokshana has been not described in jwara chikitsa but Charaka samhita describes the utility of raktamokshana in jwara chikitsa. Panchakarma treatment: In both the *samhitas panchakarma* treatment has been adopted in *jwara* as per the condition of *doshas* and significant symptoms.

Table 3

Panchakarma Modality	Charaka Samhita	Sushruta Samhita
Vaman		If doshas are present in Aamashaya then
	Vaman indicated when nausea is present.	do vaman.
	Rasa dhatugata jwara -vaman,	If a person suffering from thirst in fever,
	Vaman in vishamajwara.	then administer <i>vaman with madhu</i> and <i>sheeta jala</i> .
		Urdhwa shodhana in vishamajwara
		To counteract the burning sensation, ad-
		minister the madhufanita yukta nimba pa-
		tra kwatha vaman,
Virechana	Mamsa, Meda dhatugata jwara - Virechana, Virechana in vishamajwara	Adha shodhana in vishamajwara
	Virechana- pitta, kaphapitta, pittashayagata	
Basti	Asthi, Majja dhatugata jwara - Niruha,	Niruha Basti prayoga:
	Anuvasan.	Vataj jwara- vataghna madhura dravya
	Basti in vishamajwara	Pittaja jwara- uttpaladi kashaya with
	Niruha basti – jwara ksheene	chandana and usheera
	Basti- pakwashayagata	Kaphaja- aaragvadha gana kwatha with
	Anuvasana- kapha pitta, dridhagni, ruksha	pippali
	baddha purisha	Anuvasana prayoga:
		<i>Vataj jwara- taila</i> is contraindicated for <i>anuvasan</i> in <i>vataja jwara</i> .
		Pittaja jwara- madhura tikta siddha sarpi
		Kaphaja- katu tikta siddha sarpi
Nasya	Nasya- gourav, shirashula, vibaddha indriya,	shirovirechana described in jwara
	jeerna jwara.	
	Nasya in vishamajwara	
Raktmokshana	When inflammation occurs at the ear root at	
	the end of sannipataj jwara then do the rak-	
	tamokshan, sarpipan, predeha and navan.	
	The fever which is not subsiding by the con-	
	trast treatment of sheeta ushna, ruksha,	
	snigdha then raktamokshan will be the line	
	of treatment.	
Sneha pana	In jeerna jwara, sarpipana have been de-	Ghrita can be administered among all the
	scribed as treatment.	jwaras after twelve nights.
	The jwara occurs due to visarpa,	Specific ghrita viz., Kalyanak ghrita, Ma-
	abhighata, visphotaka, the sarpi pana is	hakalyanak ghrita have been described.
	prime line of treatment.	Murdhni shunyata- jeevaniya ghrita.

CONCLUSION

The basic classification of *jwara* is similar among both the *samhitas*. Apart from this *Charaka samhita* gives in detail the classification of *jwara*. Both the

classics have a description about the *aama, rasavaha strotas, swedavaha strotas*. The *nidana* (causative factor) have been described in *Charaka samhita* for each type of fever separately. The specific purvarupa

as per doshic predominance and treatment accordingly is a contribution from Sushruta samhita. Stanya pravanata (lactation) has been considered as one of the causes of the occurrence of *jwara* in Sushruta Samhita. Jwara has been described as an endogenous disease in Charaka samhita whereas in Sushruta samhita jwara has been considered primarily as a complication of wound (vranopdrava), but later in chapter highlighted its endogenous nature. Dhatugata jwara have been described in both samhitas, but Charaka samhita described in detail about curable and not curable as per dhatugata stages. Charaka samhita describes the specific treatment as per dhatugata avastha. Both samhitas underlies the affliction of an exogenous factor in the occurrence of vishama jwara. Both the samhitas apply the jwara chikitsa siddhanta as per the stages and movement of doshas. In Sushruta samhita the raktamokshana has been not described in jwara chikitsa but Charaka samhita describes the utility of raktamokshana in jwara. Punaravartak jwara (Relapsing fever) is explained in Charaka samhita with its cause and treatment.

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Source of Support: Nil Conflict of Interest: None Declared

How to cite this URL: Avula Srinivas: Comparative Analysis Of Jwara Chikitsa Siddhanta Among The Charaka Samhita And Sushruta Samhita. International Ayurvedic Medical Journal {online} 2021 {cited October 2021} Available from: http://www.iamj.in/posts/images/upload/2472_2480.pdf