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#### **Review Article**

# AN AYURVEDIC REVIEW OF MEDICATED MILK FROM *CHARAK SAMHITA* W.S.R. TO ITS INTERNAL USAGE IN VARIOUS DISEASES

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#### **ABSTRACT**

It is since the Vedic era that the use of natural substances for medicine has been used. Ayurveda, the ancient Indian science gives a detailed explanation of these uses. Medicated milk i.e., Siddha ksheera has a high and prominent medicinal value. This article encloses all the various formulations of medicated milk along with their role in diseases contents of the medicated milk as per Acharya Charak. Ksheerpaka are supposed to nourish tissues and have more anabolic effects. An effort has been made to compile and represent for a better and easy understanding of various Siddha ksheer yogas mentioned in Charaka samhita. Use of Ksheer is highly recommended in certain Vyadhis like Pandu, Amlapitta, Gulma, Udara roga, Yoni roga, Shukra roga, Vata roga, etc. Ksheerpaka i.e. milk used in the medicated form is the unique feature of Ayurveda. Nowadays, for Ksheerpaka preparation, method stated by Sharangadhara is generally followed. Role of Siddha ksheer in various Vyadhis like Jwara, Raktapitta, Gulma, Rajyakshma, Kshata ksheen, Udar, Shotha has been mentioned in the article. Role of various Vanaspati dravvas to be used for preparing Siddha ksheer paka like Shatavari, Bala etc has also been mentioned. Use of Siddha ksheer for Rasayan and Vajikaran has been explained to help the reader to get a better and wider understanding about Siddha ksheer samkalpana and its role in various diseases.

**Key words:** Siddha ksheer, Rogas, Vyadhi, Lakshan, Constituent drugs.

#### **INTRODUCTION**

*Ksheer* is made *Siddha* with use of various Aushadhi dravyas which are found to be highly useful in curing certain ailment. Acharyas have mentioned the use of Siddha ksheer as an Anupana etc. They have also mentioned the use of Ghrita Taila prepared from Ksheer which can be used in the various procedures of Panchakarma like Vaman, Virechan, bash etc. Ksheer is easily available and hence is popular mode for administering various herbal. Dugha/ksheer generally has the properties of being Madhur, Sheeta, Snigdha, Stanya. It is Tushti and Pushtikark. It increases Mamsa Dhatu, Jeevaniya shakti, reduces fatigue, cures Shwasa, Kadsa, cures Rakta Pitta, helps in healing fractured bones etc It is Satmya for all Dosha shamak and Srotoshodhak. It reduces Trushna etc. Use of Ksheer is highly

recommended in certain *Vyadhis* like *Pandu, Amlapitta, Gulma, Udara roga, Yoni roga, Shukra roga, Vata roga,* etc.<sup>1</sup>

## **Need of Topic**

Acharyas have mentioned the uses of various Siddha ksheer yogas in our Samhitas in the treatment of various Rogas. However, there is a lacuna in terms of implication and understanding of the concept of Siddha ksheera. A detailed analysis of every Siddha ksheer samkalpana mentioned in our Samhitas needs to be done on basics of the results attained while curing various Rogas, its mode of action, its duration for absorption and bioavailability etc. An effort has been made to compile and represent for a better

and easy understanding of various *Siddha ksheer* yogas mentioned in *Charaka samhita*.

# AIM AND OBJECTIVES Aim

To study the concept of Siddha ksheera.

### **Objectives**

- 1) To study the various *Rogas* for which *Siddha Ksheera* is the choice of drug.
- 2) To do a detailed literary review of *Charak Samhita* to understand the concept of *Siddha Ksheera* and its role in various *Rogas*.

#### Material and Method

Review work done and all literary references related to *Siddha ksheer samkalpana* have been collected from *Charaka Samhita*.

### Definition of Siddha ksheera

One part of *Aushadhi dravya*, eight parts of *Ksheer*, four parts of water is to be cooked on *Mridu agni*. Mixture is heated till only *Ksheer* remains in the vessel. Contents of the vessel are then to be strained. This is *Siddha ksheera paka*. *Siddha Ksheera* is made *Siddha* with the use of and help of *Aushadhi dravyas* and hence is called as *Ksheerpaka*.<sup>2</sup>

Table 1: Siddha Ksheer mentioned in Charak Samhita

Chapter	Siddha ksheer	Vyadha/lakshan/Awastha	Constituent drugs.
Rasayan <sup>3</sup>	Bhallatak Ksheera	For Rasayan attaining 100 years of age	Bhallatak water, dugdha
Vajikaran <sup>4</sup>	Apatyakar swarasa	As Vajikara.	Udad dal, Kharjur, chanukka, dugdha etc.
Vajikaran <sup>5</sup>	Vrushya ksheer	For attaining Vrushyata	Kharjur, Udad dal, Shatavari, Payasya etc.
Vajikaran <sup>6</sup>	Vrushya ksheer	In Shukra Ksheenata	Jeevak, Rushabhak, Kakoli etc.
Vajikaran <sup>7</sup>	Apatyakar Ksheeer yoga.	For attaining off spring	Meda, Payasya, jeevanti, Vidarikand, Kantakari etc.
Jawara <sup>8</sup>	Eranda mooladi ksheer paka	Jawara associated with Parikartika	Eranda moola, dugdha etc.
Jawara <sup>9</sup>	Trikantakadi Ksheerpaka	In Vibandha of Mootra, Mala, Shopha, Jwara.	Cokshur, ringni, dugdha etc
Jawara <sup>10</sup>	Nagaradi Ksheerpaka	Jwar <mark>a, associat</mark> ed with Pipsa	Shunthi, Manukka, Kharjur etc.
Rakta pitta <sup>11</sup>	Vatanubandhi raktapittahar	In Vatanubandhi rakta pitta	Vidarigandhadi gana dravya, Manukka, Shunthi
Raktapitta <sup>12</sup>	Mutramargi Raktapitta Yoga.	Mutrapravrutti associated with Peeda and Rakta	Shatavari, Shaliparni, Prushniparni etc.
Raktapitta <sup>13</sup>	Arapida nasya	For Rakta stambhan	Ajaghruta, godugdha etc.
Gulma <sup>14</sup>	Ksheera basti	In Pitta gulma	Tikta dravya siddha dugdha
Gulma <sup>15</sup>	Siddha ksheera	Used in Virechan after assessing Agnibala	Tikta dravya, dugdha
Gulma <sup>16</sup>	Lasuna ksheer.	Vata gulma, Udararta, Cridhrasi Vishama jwara, Hrudroga Vidradhi	Lasuna, Jala, dugdha etc.
Rajuakshma <sup>17</sup>	Baladi ksheer	Jwar, Kasa, improves Swara	Bala moola, prushniparni, bruhati, shunthi etc
Rajuakshma <sup>19</sup>	Madanphal siddha ksheer	For Vaman in Kapha pradhan balwaan rogi	Madanphal, dugdha etc.
Kshata ksheen <sup>19</sup>	Ikshvalikadi ksheer	Sandhanartha	Ikshvalika moola, Rakta chandan, dugdha etc.
Kshata ksheen <sup>20</sup>	Mahua adi siddha ksheer	Rakta stheevn	Mahua pushpa, dugdha etc.
Kshata ksheen <sup>21</sup>	Pippali adi siddha ksheer	Kasa, jwara	Pippali sarkara, madhu etc.
Svayatha <sup>22</sup>	Danti adi siddha ksheer	For Virechan in Vatapttaj shofha	Danti, shweta Nishottar, Trayushna, Chitrak mool,

			dugdha.
Svayatha <sup>23</sup>	Shunthi adi siddha ksheer	Vatapitta shofha	Shunthi devadaru shyama Dantimoola etc.
Uddr <sup>24</sup>	Nishotha adi siddha ksheer	Used for Ksheer pana after shodhan	Nishotha kalka, Traymana, dugdha etc.
Udar <sup>25</sup>	Nishotha adi siddha ksheer	Used for Pana after Virechan	Shunthi, Madigha, pippali etc.
Udar <sup>26</sup>	Vidangadi yoga	Udar	Chitrakmoola, Dantimola, Shunthi, Maricha, Pippali etc.
Grahani <sup>27</sup>	Shyma Trivratt prayaga	For Virechan in Pitta dosha shaman	Krushna nishotha , dugdha etc.
Kasa <sup>28</sup>	Kakoli adi Siddha ksheer.	Pittaj kasa	Kakoli, Meda, Mahameda, Vasa, Shunthi
Kasa <sup>29</sup>	Sharadi ksheerpaka.	Pittaj kasa	Sharadi panchamoola, Pippali, dugdha etc.
Kasa <sup>30</sup>	Sthiradi Ksheerpaka	Kasa, Jwara, Daha, Urahkshat, kshata	Prushniparni, Jeerak, dugdha etc.
Kasa <sup>31</sup>	Vidaryadi Siddha ksheer	Matra virarnata in kshayaj kasa	Vidarikanda, Kadamba, Dugdha etc.
Visarpa <sup>32</sup>	Virechan yoga	For Virechan in Oshthagata Visarpa	Traymana, Dugdha etc.
Trushna <sup>33</sup>	Jeeraniya gana siddha ksher	Vataj-pittaj trushna.	Jeeraniya gana dravya, dugdha
Trimarmiya <sup>34</sup>	Asanparni adi siddha ksheer	In Mutrakrichhra caused by Pittaj ash <mark>mari</mark>	As anparni, Madhuparni, Rakta punarnava, Pashanbheda etc.
Trimarmiya <sup>35</sup>	Vamankarak dravya siddha ksheer	As Vamanarbka in peenas	Vamankarak dravya, Dugdha
Trimarmiya <sup>36</sup>	Madhur dravya Siddha ksheer	Pittaj swarabheda	Madhur dravya, Dugdha.
Vatavyadhi <sup>37</sup>	Anshumati siddha ksheer	Hrudayagata yata	Anshumati, dugdha etc.
Vatashonita 38	Laghupanchamula siddha ksheer	As Pathya in Pittavrutta vata roga	Ladhu panchamula, Dugdha etc.
Vatashonita <sup>39</sup>	Gurucha swarasa siddha ksheeera	Vatarakta	Guruch swaras, Dugdha.
Vatashonita <sup>40</sup>	Anshumati Siddha ksheer	Vatarakta	Shaliparni dugdha etc.
Vatashonita <sup>41</sup>	Baladi Ksheer	Vataj shoola	Bala moola, Shatavari Dashamoola etc.
Vatashonita <sup>42</sup>	Shyamadi ksheer	Vataj shoola	Shyama Dagdha etc
Vatashonita <sup>43</sup>	Dashamooladi ksheer	Shool Shamanartha	Dashamoola, dugdha etc.
Yonivyapad	Rasnadi ksheer	Yonishool	Rasna, vasa, dugdha etc.

Ksheerpaka i.e. milk used in the medicated form is the unique feature of Ayurveda. Now a day, for Ksheerpaka preparation, method stated by Sharangadhara is generally followed. Charaka has mentioned Lasuna Ksheerpaka which is prepared by different proportions than that of Sharangadhara. Though ingredients used for preparation by each method are same, variation in proportion of ingredients may alter their respective efficacies. The present study aims at pharmaceutical and analytical evaluation of Lasuna Ksheerpaka prepared by two different

proportions viz. Charaka samhita (sample C) and Sharangadhara Samhita (sample S) and to hypothesis probable biotransformation during Lasuna Ksheerpaka  $^{46}$ 

Ksheerpaka or medicated milk is the solvent. According to Ayurveda, this type of formulation has 'cooling' and anabolic properties. Apart from therapeutic action of the drug, Ksheerpaka extracts also nourish tissues and have anabolic effects. These extracts are also thought to reduce the hot (Ushna), penetrating (Teekshna)

properties of the drug, while improving efficacy and specific target action. Other advantages of the Ksheerpaka extracts include better palatability, the ability to administer large doses of the drug, and its suitability for all patient types and age groups. Indeed, Ksheerpaka extracts also help patients comply with the prescribed drug dosing regimen. This, Pippali (Piper longun) is an effective drug for respiratory diseases, and can be administered in increasing doses only if it is prepared as a 'medicated milk' (Joshi, 2003 B). The medicated milk avoids the hot and penetrating properties of *Pippali* and prevents adverse effects like hyperacidity, urination, and bleeding. The final dose of Pippali administered as a Ksheernaka extract, could be as much as 20 gm per day. Such a high dose is difficult to achieve with other dosage forms <sup>47</sup>

#### **CONCLUSION**

Ksheera i.e. milk is widely used from ancient era is food and base of medicament. It has a high nutritive, medicinal value because of its components like proteins, lipids, fatty acids, vitamin, enzymes and minerals which are easily acceptable by healthy individuals as well as patients. Qualities of milk have been potentially used as a medicine by combining it with different herbs as in the case of Ksheer paka, Physical properties of milk substantial this concept. It has been studied that on gradual increase in the temperature of milk, solubility of fats and proteins also increases, which may enhance the extraction of the medicinally important active constituents.

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