

# ISSN: 2349-5162 | ESTD Year : 2014 | Monthly Issue **JETIR.ORG** JOURNAL OF EMERGING TECHNOLOGIES AND **INNOVATIVE RESEARCH (JETIR)**

An International Scholarly Open Access, Peer-reviewed, Refereed Journal

# A REVIEW ARTICLE ON THE KAJJALI IN **CURRENT ERA OF AYURVEDIC PHARMACY**

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## **ABSTRACT: -**

Rasashastra, otherwise called Indian speculative chemistry is generally on the less than desirable end as many contend that rasayoga contain weighty metals which are harmful to human framework. Notwithstanding, it is consistently demonstrated logically that Rasayogas are solid and protected and all around endured, by scientists of Ayurveda. Kajjali is an extraordinary rasayoga which is arranged utilizing parada and gandhaka. Kajjali has various assortments in view of the proportion of parada and gandhaka and helpful purposes of them vary in like manner. Kajjali is likewise utilized in the readiness of other rasayoga. This article fundamentally investigation readiness and utility of various kajjalis.

**KEYWORDS:** - gandhaka, Kajjali, parada, Ayurveda, chemistry.

## **INTRODUCTION: -**

Rasashastra is an interesting part of Ayurveda famous from middle age period, generally manages helpful usage of metals and minerals. Parada is a central material of rasashastra, Kajjali (dark mercury sulfide) is one among such arrangements, ready by utilizing parada (mercury) and gandhaka (sulfur) and is one of the measurements types of parada. Various details are referenced in old style texts with the mix of kajjali alongside different fixings. Kajjali synergistically acts with the home-grown drugs. Kajjali is referenced in various settings under various headings in rasagranthas. The references are dispersed and there is a need to survey, order, break down and present them deliberately.

## **DEFINITION OF KAJJALI: -**

When cleansed parada is ground up with the other purged metals and mineral medications like sulfur etc.without adding any fluids till the blend turns out to be fine and dark tone, it is called as kajjali. Kajjali is the fundamental planning in all the sagandha rasa yogas.

## **KAJJALI IN VARIOUS SETTING: -**

- Kajjali can be one kind of Parada bandha i.e kajjali Bandha
- It is one kind of niragni sagandha murchana
- One of the models for kharaleeya rasayana

## SYNONYMS: -

Kajjali, kajjala, kajjalika

# **METHOD OF PREPARATION: -**

1. Kajjali can be ready by pulverizing decontaminated parada with gandhaka in various proportions till the combination turns out to be fine and dark tone.

2. In the event of metals, first dhatupishti is ready by blending Parada in with purged swarnaadidhatu then gandhaka is added and ground up till the combination turns out to be fine and dark tone. In light of the proportion of parada and gandhaka, kajjali will be utilized in planning unique (Rasayoga) definitions. The Rasayoga, where in Parada and Gandhaka are in 1: ½ proportion, Likewise, Rasayoga, where in Parada and Gandhaka are in 1: ½ proportion and manages 1:3 proportion. Moreover, the Rasayoga, where in Parada and Gandhaka are in 1: 4 proportions.

Other than these kajjali can be ready with 1:5 parada-gandhaka proportion additionally, and this kajjali is utilized in planning Rasasindhura. In planning Kanakasundara rasa, Kalavidwamsana rasa and Rasasindura, kajjali made with the proportion of 1:6 parada gandhaka is valuable. Assuming that kajjali is arranged utilizing parada and gandhaka in the proportion of 1:8, two assortments of Gandhashma garbha rasa and amrutharnava rasa can be ready.

#### DHATU PISHTI: -

The second method of kajjali preparation required dhatupishti preparation. Purified foils of metals like gold etc. mixed with the purified mercury to form a soft paste like amalgamate is called dhatu pishti. After preparation of kajjali adding dhatu bhasma doesnot make a proper mixture. Hence amalgamation of mercury and metals is necessary for the proper mixture of metal and mercury.

#### **PROPERTIES OF KAJJALI: -**

With various sahapana and anupana, the kajjali is equipped for relieving all kind of sicknesses. It goes about as vrishya and it mitigates all the three doshas.

#### **UTILITY OF KAJJALI: -**

Kajjali is utilized for remedial reason as a solitary compound, or it fills in as a base for readiness of various rasaushadi. Kajjali is likewise utilized as a media for marana.

#### KAJJALI PAREEKSHA: -

Prior to utilizing it is important to analyze the kajjali. Assessment boundaries that the kajjali ought to qualify are slakshna (smooth), kajjalabha (dark variety very much like collyrium), nishchandratva (without gleaming particles), rekhapurna (seen even through the scarcely discernible differences on fingers), varitara (floats on the outer layer of water).

#### **DISCUSSION: -**

Kajjali is the most usually utilized and most famous arrangement notable since antiquated period. Kajjali is a combination of mercury with sulfur or some other metals in various proportions. The significance of kajjali lies in the way that mercury can't be consumed in its regular structure and furthermore it is undeniably challenging to change over mercury into powder structure in environmental circumstances. Hence, kajjali structures the fundamental part in most extreme herbo-mineral (rasaushadi) plans. It gives an underlying and utilitarian security to different therapeutic arrangements produced using mercury. Kajjali is the most important

#### © 2023 JETIR November 2023, Volume 10, Issue 11

#### www.jetir.org (ISSN-2349-5162)

phase in the planning of herbo-mineral arrangements. Kajjali is utilized in planning of various dose structures like khalvi rasayana, parpati, kupipakwa rasayana, pottali and furthermore utilized as druti, lepakalpana, for example, kajjalikodaya malahara, Shadguna gandhaka is considered as more powerful contrast with other, however by seeing above table the vast majority of the herbomineral compound are ready by parada and gandhaka in a proportion of 1:1 i.e samaguna gandhaka kajjali. Kajjali likewise assumes a significant part in the marana of metals and minerals. Old creators believe that the bhasma which is ready by utilizing parada as a media is thought of as best. Thus, instead of parada, kajjali can be taken as a marana media. Kajjali is a kind of murchana, it achieves a vyadhiharatva properties and generally regularly utilized for the remedial reason due to its vyadhiharatva properties, it can likewise go about as rasayana.

#### **CONCLUSION: -**

The antiquated creators depict rasachikitsa is the best treatment, yet rasa (mercury) can't be consumed in its regular structure consequently mercury is changed over into powder structure by pulverizing it with gandhaka in various proportions till the combination turns out to be fine and dark tone and this blend utilized for the helpful reason.

**REFERENCES; -**

1. Acharya Vagbhatta. Rasa Ratna Samucchaya by AcharyaSiddhinandan Mishra, Siddhipradahindi commentary. Varanasi: Chaukhambhaorientalia: 2019, P.No-209

2. Shri Sadananda Sharma, Rasatarangini by Kashinatha Shastri, Delhi: mothilal banarasidas, reprinted 2012, P.No-16

3. Rasavagbhatta, Rasaratnasamucchaya by AcharyaSiddhinandan Mishra, ,Siddhipradahindi commentary, Varanasi :Chaukhambhaorientalia: 2019, P.No-273

4. Shri Sadananda Sharma, Rasatarangini by KashinathaShastri, Delhi: mothilal banarasidas, reprinted 2012, P.No-102

5. Shri Sadananda Sharma, Rasatarangini by KashinathaShastri, Delhi: mothilal banarasidas, reprinted 2012, P.No-124

6. Shri Sadananda Sharma, Rasatarangini by Kashinatha Shastri, Delhi: mothilal banarasidas, reprinted 2012, P.No-146

7. Shri Sadananda Sharma, Rasatarangini by KashinathaShastri, Delhi: mothilal banarasidas, reprinted 2012, P.No-151

8. Shri Sadananda Sharma, Rasatarangini by KashinathaShastri, Delhi: mothilal banarasidas, reprinted 2012, P.No-446

9. Sharangadhara, Sharangadhara samhita, parashuramashastri, vidyasagar editors Adamalla and Gudartha dipika commentary of kasirama. Varanasi: Chaukhambhaorientalia, reprint 2018, P.No- .269

10. Shri Sadananda Sharma, Rasatarangini by KashinathaShastri, Delhi: mothilal banarasidas, reprinted 2012, P.No-126

11. Ayurveda prakasha, Gularaja sharma Mishra, Varanasi, Chaukhamba bharati academy, Reprint 2019, P.No-366

12. Shri Sadananda Sharma, Rasatarangini by KashinathaShastri, Delhi: mothilal banarasidas, reprinted 2012, P.No-390

13. Rasavagbhatta, Rasaratnasamucchaya by AcharyaSiddhinandan Mishra, ,Siddhipradahindi commentary, Varanasi :Chaukhambhaorientalia: 2019, P.No-154

14. Rasavagbhatta, Rasaratnasamucchaya by AcharyaSiddhinandan Mishra, ,Siddhipradahindi commentary, Varanasi :Chaukhambhaorientalia: 201, P.No-155

15. Shri Sadananda Sharma, Rasatarangini by Kashinatha Shastri, Delhi: mothilal banarasidas, reprinted 2012, P.No-125

16. Balakrishan Acharya, Mishra Narayan. Structural and Optical studies of Traditional Indian Medicine: kajjali and narikela lavana J Young pharma, 2016, 8(4):492-495. Bhatt N. preparing Red and Black Mercury Sulphide in an Ayurvedic setting. Asian medicine. 8(2013):229-238.

