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## Dasanga Agada in Keetavisha : A Review

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### ABSTRACT

**Background:** The *Visha* entered in the body would be soon distributed in the body after vitiating the *Rakta Dhatu*. To neutralize the *Visha* internal administration of *Vishahara* drug is essential. *Dasanga Agada*, an Ayurvedic formulation indicated in various poisonous conditions by Ayurvedic classic as well as Traditional Keraliya *Visha Vaidyas*. It is widely used in all types of *Keetadamsa*. **Materials and Methods:** The comprehensive review on *Dasanga Agada Yoga* was done from literatures and online sources. **Observation and Result:** *Dasanga Agada* is the formulation comprising of ten ingredients. Among them nine are herbal origin and one is mineral in origin. And almost all of the ingredients are having *Vedanahara* and *Sophahara* properties. **Conclusion:** Pain, Swelling and redness are the primary symptoms of *Keetadamsha*. We can manage these symptoms by internal and external usage of *Dasanga Agada*.

**Key words:** *Dasanga Agada*, *Ayurveda*, *Keetavisha*, *Keraliya Visha Chikitsa*

### INTRODUCTION

*Agada Tantra* is the branch of *Ayurveda* dealing with the management of poisonous bites and toxic combination. There are many formulations specially mentioned for *Keeta Visha*. *Vedana*, *Sopha* and *Kandu* are the main common symptoms of *Keetadamsa*.<sup>[2]</sup> *Dasanga Agada*, an *Agadayoga* indicated especially in *Keetavisha* in classics as well as Traditional Keraliya *Visha Vaidyas*.

### AIM AND OBJECTIVE

This paper is an attempt to make a review on the

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formulation *Dasanga Agada*.

### REVIEW OF LITERATURE

*Dasanga Agada* is the formulation with ten ingredients, so called *Dasanga Agada*. Among them nine are herbal origin and one is mineral in origin. It is widely used in *Keetavisha*. This formulation is mentioned in many texts. They have clearly mentioned that this is prepared by Acharya Kashyapa. The references are:

1. *Astanga Sangraha, Keetavisha Prathishedham*<sup>[3]</sup>
2. *Astanga Hrdaya, Uttarasthana, Keetalutadvisha Prathishedham*<sup>[4]</sup>
3. *Prayoga Samuchayam, Saptama Parichedam, Vrischika Saamana Chikitsa*<sup>[5]</sup>
4. *Kriyakoumudhi, Keetavisha Prakaranam, Keetavisha Saamana Chikitsa*<sup>[6]</sup>
5. *Kotasserimargam*<sup>[7]</sup>

### Ingredients

Almost all the Acharyas mentioned the same ten ingredients. The ingredients of *Dasanga Agada* are in Table 1.

**Table 1: Ingredients of Dasanga Agada<sup>[8]</sup>**

Ingredients	Botanical/Latin name	Family	Part used
Vacha	<i>Acorus calamus</i> Linn.	Araceae	Rhizome
Hingu	<i>Ferula asafoetida</i> Linn	Apiaceae	Resin
Vidanga	<i>Embelia ribes</i> Burm	Myrsinaceae	Fruit
Saindhavam	Rock salt		
Gajapippali	<i>Scindapus officinalis</i> Schott.	Piperaceae	Fruit
Patha	<i>Cyclea peltata</i> Linn.	Menispermaceae	Root
Prativisha	<i>Aconitum heterophyllum</i> Wall	Ranunculaceae	Root
Sunthi	<i>Zingiber officinale</i> Rosc.	Zingiberaceae	Rhizome
Maricha	<i>Piper nigrum</i> Linn.	Piperaceae	Fruit
Pippali	<i>Piper longum</i> Linn.	Piperaceae	Fruit

### Method of preparation and administration

Generally, *Dasanga Agada* is made into *Gutika* form for easy administration. All the ingredients are taken in equal quantity make fine powder of it. As *Bhavana Dravya* is not mentioned we can use *Jala* or *Kashaya* of the ingredients. Some eminent *Visha Vaidyas* in Kerala use *Neeli Kashaya* (*Indigofera tinctoria*, Fabacea family) as *Bhavana Dravya*. It is grinded until drug mass attains the required consistency of rolling the pills. Dry it under shade. Pack in a tightly closed glass containers for further use.

### Other opinions

1. *Churna* of the drugs has to be mixed with water and given for drinking it.<sup>[9]</sup>

2. The ingredients in equal quantity are grinded in *Hastipadi Swarasa* (*Elephantopus scaber* Linn, Asteraceae family) for making *Vataka* and is administrated with *Hastapadi Swarasa* and can also used as *Lepa*.<sup>[10]</sup>
3. The ingredients are made into powder and taken internally with *Jala*. It can be also used as *Kashaya* or in *Gutika* form or can used as *Lepana*.<sup>[11]</sup>

### Dose of Dasanga Agada

Reference regarding the dosage of *Dasanga Agada* is not seen in Ayurvedic literature. The dosage and time of administration is fixed after assessing condition of patient.

### Probable action of Dasanga Agada

It is having indication as "*Sarvakeetavisham Jayeth*", it relieves the effects of poison of insect bite. This property may be due to the *Prabhava* of the *Yoga* than the effect of its individual ingredients. The properties of that *Yoga* can be understood by properties of individual ingredients.

**Table 2: Properties of ingredients<sup>[12]</sup>**

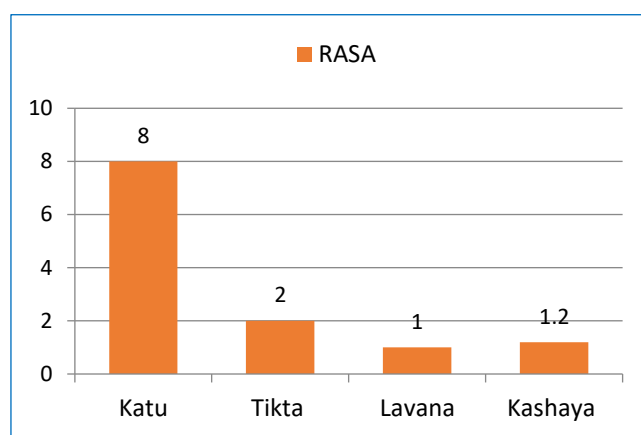
Drug	Rasa	Guna	Virya	Vipaka	Karma
Vacha	Katu Tikta	Lagh u Teeks hna	Ushna	Katu	Kaphavatahara Mootrajanana Shothaghna
Hingu	Katu	Lagh u Snigd ha	Ushna	Katu	Kaphavatahara Vedanaasthap ana Mootrajanana Shothahara Krimihara
Vidanga	Katu Kash aya	Lagh u Ruks ha	Ushna	Katu	Vatakaphahara Krimighna Rakta Shodhaka Shoolaghna Varnya

					Shothahara
Saidhava	Lavana	Sitha Ruks ha	Sitha	Madh ura	Tridoshahara Mutrala Shoolahara
Gajapip pali	Katu	Lagh u Snigd ha	Anush na Sitha	Katu	Kaphavatahara Shothahara Vedanaa Sthapana
Pata	Tikta	Lagh u Teeks hna	Ushna	Katu	Tridoshahara Vranashodhan a Vranaropana Daaha Prashamana Mootrala Vishagna Sothahara
Prativis ha	Tikta Katu	Lagh u Ruks ha	Ushna	Katu	Tridoshahara Shothahara Vedanahara Jwaragna
Shunti	Katu	Lagh u Snigd ha	Ushna	Madh ura	Kaphavatahara Sothahara Vedanaahara Vatanulomana Shoola Prashamana Sothahara
Maricha	Katu	Lagh u Teeks hna	Ushna	Katu	Kaphavatahara Vedanahara Sothahara
Pippali	Katu	Lagh u Teeks hna	Anush na Sitha	Katu	Kaphavatahara Vedanahara Sothahara Krimigna

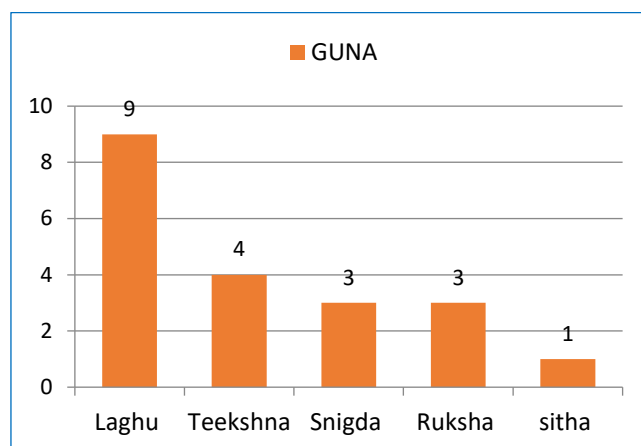
## DISCUSSION

The properties of ingredients of *Dasanga Agada* can be summarized as below:

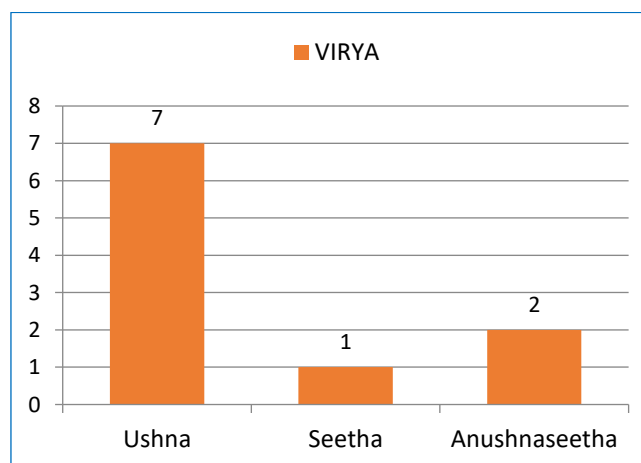
**Graph 1: Probable mode of action of *Dasanga Agada* based on *Rasa***



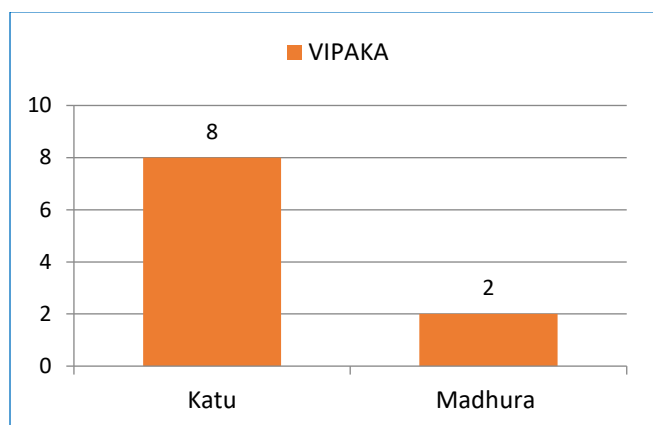
**Graph 2: Probable mode of action of *Dasanga Agada* based on *Guna***



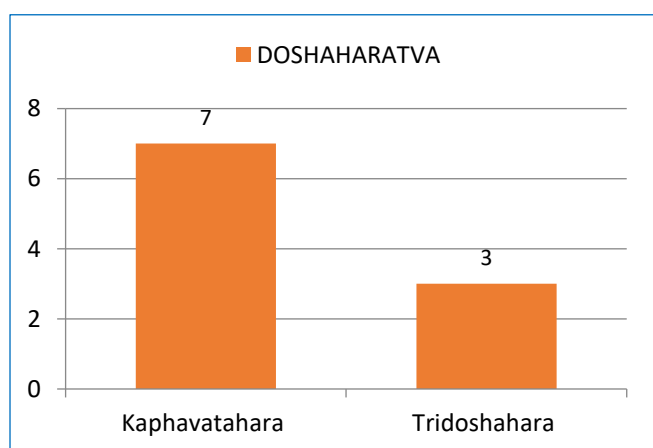
**Graph 3: Probable mode of action of *Dasanga Agada* based on *Virya***



**Graph 4: Probable mode of action of Dasanga Agada based on Vipaka**



**Graph 5: Doshahartva of ingredients of Dasanga Agada**



## CONCLUSION

*Dasanga Agada* is one of the *Vishaghna Yoga* used widely and found to be very effective in *Keeta Visha*. While analyzing the *Doshagna* property of the ingredients of *Yoga* 70% are *Kaphavatahara*. They are *Katu*, *Tikta Rasa Pradhana*, *Laghu*, *Tikshna Guna Pradhana*, *Ushna Virya Pradhana*, *Katu Vipaka Pradhana*, and almost all of the drugs are having *Vedanahara* and *Sophahara* properties. *Vacha*, *Hingu* and *Pippali* are having *Vedanasthapana* action which will act on the *Keetadamsha*. *Vidanga*, *Prativisha*, *Maricha* and *Patha* are having *Shothahara* action. *Prativisha* and *Patha* are having *Vishaghna* action. However, action of *Yoga* is due to its *Yoga Prabhaava*. Pain, Swelling and redness are the primary symptoms of *Keetadamsha*. We can cure these symptoms by internal and external usage of *Dasanga Agada*.

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