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## Review Article

### A REVIEW ON THE ANTI- POISONOUS FORMULATIONS IN PARISHISTA OF RASA TARANGINI

Gazala Hussain \*

Associate Professor, Department of Rasashastra and Bhaishajya Kalpana, Sri Dharmasthala Manjunatheshwara College of Ayurveda and Hospital, Hassan, Karnataka, India

\*Corresponding Author Email: gazalanabeel@gmail.com

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#### ABSTRACT

Rasashastra and Bhaishajya kalpana is the science that deals with Ayurveda pharmaceuticals. Various literature of rasashastra is available, one such treatise is Rasa Tarangini that deals with the description of different rasa dravyas. At the end of the chapters is an annexure mentioned. An interesting fact is that many simple and unique formulations are described in this part that is indicated in various disorders. Among which eight formulations are mentioned for the management of animate poisons. A literary review suggests that most of these formulations are a combination of herbo-mineral drugs that are very simple. These mineral drugs mentioned have anti-poisonous action and the herbs are alexiteric.

**Keywords:** Rasa Tarangini, visha, formulations, rasadravya, gold

#### INTRODUCTION

Rasa Tarangini is a book of rasashastra that deals with minerals, metals, poisonous drugs, etc. in detail with elaboration on its properties, use, shodhana (purification method), marana (incineration) and therapeutic use and formulations. The last chapter of the book is termed as parishishta or is an annexure

where forty-eight formulations indicated in various disorders is mentioned. The uniqueness of this is that very simple yogas are mentioned. A literary review on it puts light that eight formulations are mentioned in different types of jangamavisha (animate poisons); out of which six are for external application and two are for internal administration.

**Table 1: Formulations with ingredients**

Name of the yoga	Ingredients and method of preparation	Mode of administration	Indications
Vrischikahari Gutika <sup>1</sup>	Haratala (orpiment) with equal quantity of Hingu ( <i>Ferula asafoetida</i> ) and bhavana with lemon juice ( <i>Citrus limon</i> )	Pill of 1 g for external application	As lepa in vrischika visha (scorpion sting)
Vrischikavishanashaka Gutika <sup>2</sup>	Shirishabeeja ( <i>Albizia lebeck</i> ), Karanja beeja (seed of <i>Pongamia pinnata</i> ), Kushta ( <i>Saussurea lappa</i> ), and manahshila (realgar) are taken in equal quantity and bhavana is given with water and pills are prepared	External use	As lepa in vrischika visha (scorpion sting)
Kharjuravishahara yoga <sup>3</sup>	Saindhava lavana (rock salt) is given bhavana with Changeriswarasa ( <i>Oxalis corniculata</i> )	External use	In centipede poison
Sarpavishahara yoga <sup>4</sup>	1 g of saindhava lavana (rock salt) equal quantity of maricha ( <i>Piper nigrum</i> ) churna, pippali ( <i>Piper longum</i> ) and shunti churna ( <i>Zingiber officinale</i> )	To be given mixed with ghrita (ghee), madhu (honey) and navaneeta (butter) and administered	In sarpavisha (snake bite)
Akhuvishahara yoga <sup>5</sup>	Manjishta ( <i>Rubia cordifolia</i> ), haridra ( <i>Curcuma longa</i> ), gruhadhuma (chimney soot) and saindhava lavana in equal quantity	External use	As lepa in rat poison
Varativishahara yoga <sup>6</sup>	Maricha churna ( <i>Piper nigrum</i> ), shunti churna ( <i>Zingiber officinale</i> ), sauvarchala lavana (black salt) and saindhava lavana (rock salt)	External use	To be applied with betel leaf juice in wasp poison
Balachandra rasa <sup>7</sup>	Swarna bhasma (gold) 1 part, Shuddha gairika (red ochre) 3 parts, muktapishti (pearl) 12 parts- all the ingredients are mixed in mortar and pestle into a homogenous mixture	125 mg, two to four times a day with butter, sugar candy, guduchisatva, dadima, dadimavaleha or vasavaleha as adjuvant	Kritrimavisha (artificial poison) and daha (burning sensation) because of dushitavisha will subside the visha (poison) effects
Nakhadantavishahara yoga <sup>8</sup>	Swarna gairika (red ochre) and amalaki churna ( <i>Phyllanthus emblica</i> ) are taken in equal quantity and mixed homogeneously	External use	As lepa in poisonous manifestation because of teeth bite or nail scratch

## DISCUSSION

A literary review on the formulations mentioned in the annexure of Rasa Tarangini puts light that the formulations indicated for various visha are eight in number. The individual ingredients of these formulations when reviewed have rasadravyas like haratala<sup>9</sup>, manahshila<sup>10</sup>, gairika<sup>11</sup> and these have anti-poisonous action. A review article puts light that few rasadravyas like red ochre, orpiment, real gar, mercury, antimony, coral, gold, chalcopyrite, etc. are useful in the management of venomous bites, as these rasa dravyas have balya, vrishya, rasayana properties that help in tolerating the toxic nature of poison<sup>9</sup>.

Swarna gairika (red ochre) is an ingredient in Balachandra rasa and Nakhadantavishahara yoga and Gairika (Red Ochre) is said as vishapaha (anti-poisonous), balya (strengthens body), vranaropana (wound healing), kandughna (antipruritic)<sup>10</sup>. Balachandra rasa also contains swarna (gold) that pacifies all the doshas, is a rasayana and is mentioned as vishahara (anti-poisonous)<sup>11</sup>.

Vrischikavishanashaka Gutika contains manahshila and realgaris kaphavatahara (alleviates kapha and vata), rasayana (rejuvenation of body), vishaghna (anti-poisonous), varnakara (increases complexion)<sup>12</sup>. The other ingredient in it is shirisha and it is said to be an anti-poisonous drug and is also mentioned in vishaghnanaga dravyas<sup>13</sup>.

Vrischikahari Gutika contains haratala (Orpiment) and haratala is said as ojaskara, balakara (strengthens body), mrutyuhara, visharakta, bhutanut (alexeterics)<sup>14</sup>.

## CONCLUSION

In the annexure of Rasa Tarangini, the eight formulations mentioned are all very simple with few ingredients. The formulations are easy to be prepared. Out of the eight formulations mentioned all are indicated in animate poisons and six are for external use to be applied at the site of poison and only two formulations namely Balachandra rasa and a Sarpavishahara yoga is said to be used internally. Though these formulations are simple in preparation, the use of these in practice is not much and

neither any research works on these are highlighted. Thus, it opens arena for research for these formulations.

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