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# A CRITICAL REVIEW ON THE EFFICACY OF HIMVAAN AGAD MENTIONED IN ASHTANG HRUDYAM

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## **ABSTRACT**

Himvaan Agad an Ayurvedic antitoxic formulation, is designed to counteract vasculotoxic envenomation, inflammation and systemic toxicity. Rooted in Agad Tantra, it neutralizes poisons, restores doshic equilibrium and promotes recovery. Described by Acharya Vagbhata, it consists of 16 ingredients that exhibit Kashaya and Tikta rasa, Sheeta veerya and therapeutic actions such as Dahahara, Jwaragna, Vishaghna, Shothahara and Vedanasthapana effectively pacifying Pitta dosha, the root cause of indicated conditions. It is prescribed for Mandali sarp vishachikitsa, Shotha, Visarpa, Vishphot, Jwar and Daah. Ingredients with Raktapittahara, Vranaropana and Kushtagna properties systematically detoxify, mitigate oxidative stress and aid tissue repair. Kshoudra (honey) enhances absorption and efficacy. The formulation exhibits antipyretic, antimicrobial, antiinflammatory, immunomodulatory and hepatoprotective effects supporting comprehensive healing. Its Tridoshahara nature ensures balanced therapeutic action, providing relief from envenomation, fever, skin disorders and systemic toxicities while promoting holistic well-being.

**KEYWORDS:** Ayurveda, Agad tantra, Himvaan agad, Visha, Mandali sarp.

# INTRODUCTION

Agad Tantra, a specialized branch of Ayurveda focuses on toxicology and the management of poisons covering natural toxins from plants, animals, minerals and artificial sources. Rooted in ancient texts Agad Tantra provides insights into

the identification, symptoms, and antidotes for various toxic substances, reinforcing the importance of detoxification and systemic balance. This discipline utilizes specific formulations known as *Agads* which counteract poison by neutralizing toxins, restoring equilibrium among doshas and promoting recovery. One of such *agad* is *Himvaan agad* mentioned by *Acharya Vagbhata* in the context of *mandali sarp visha chikitsa*. It consists of 16 ingredients and indicated in the treatment of following conditions:

- Mandali sarp visha chikitsa
- Shotha
- Visarpa
- Vishphot
- Jwar
- Daah [1]

# Method of preparation

All the 16 ingredients are taken in equal amount and grinded into *sookshma churna*. Add *kshodra* to this to get *lepa* consistency.

# Administration of himvaan agad

Externally - Lepa form

Internally - No specific anupana mentioned

Table 1: Ayurvedic and pharmacological properties of the ingredients of himvaan agad.

S. No.	Ingredients <sup>[2]</sup>	Properties <sup>[3]</sup>	Pharmacological properties
1.	Shirish (L.N Albizia lebbek Family – Fabaceae)	Rasa - Kashaya, Tikta, Madhur Guna - Laghu, Ruksha Veerya - Ushna Vipaka - Katu Karma – Varnya, Vishagna, Shothahara, Vranaropana Dosha Prabhav – Tridoshahara	Antioxidant, Anti Tussive, Anti Asthmatic, Antidiarrheal, Antiarthritic, Analgesic, Antidiabetic, Anti Inflammatory, Immunomodulatory, Antipyretic, Anti-Microbial <sup>[4]</sup>
2.	Pippala (L.NFicus religiosa Family- Moraceae)	Rasa - Kashaya, Madhur Guna - Guru, Ruksha Veerya - Sheeta Vipaka - Katu Karma – Varnya, Vranashodhana, Vranaropana Dosha Prabhav - Kaphapittahara	Antidiabetic, Anti Inflammatory, Analgesic, Antioxidant, Anticonvulsant, Antimicrobial, Anti Amnesic, Anti Acetylcholinesterase Activity <sup>[5]</sup>
3.	Vat (L.NFicus benghalensis Family- Moraceae)	Rasa - Kashaya Guna - Guru, Ruksha Veerya - Sheeta Vipaka - Katu Karma — Varnya, Sthambhana, Rakthapittahara, Visarpahara Dosha Prabhav - Kaphapittahara	Anti-Angiogenic, Antitumor, Anti Inflammatory, Anti-Oxidant, Antidiabetic, Antibacterial, Anti Diarrheal <sup>[6]</sup>
4.	Plaksha (L.NFicus lacor Family- Moraceae)	Rasa - Kashaya Guna - Guru, Ruksha Veerya - Sheeta Vipaka -Katu Karma Mutrasangrahaniya, Rakthapittahara, Vranahara Dosha Prabhav - Kaphapittahara	Anti-Inflammatory, Anti Arthritic, Free Radical Scavenging Activity, Antidiabetic, Hepatoprotective, Anthelmintic, Antifilarial Activity <sup>[7]</sup>
5.	Vetasa (L.NSalix caspera Family- Salicaceae)	Rasa - Kashaya, Tikta Guna - Laghu Veerya - Sheeta Vipaka - Katu	Antimicrobial, Antibacterial, Antifungal, Anthelmintic, Anti-HIV Activity, Antioxidant, Anti Inflammatory, Anticancer,

		Karma – Jwaragna, Vednasthapan, Dosha Prabhav - Kaphapittahara	Neuroprotective, Hepatoprotective, Anti-Obesity, Anti Lipidemic <sup>[8]</sup>
6.	Aamlaki (L.NEmblica officinalis Family- Euphorbiaceae)	Rasa - Panchrasa (Lavanrahit) Amla Pradhan Guna - Guru, Ruksha, Sheeta Veerya - Sheeta Vipaka - Madhur Karma – Dahaprashman, Chaksusya, Keshya Dosha Prabhav - Tridoshahara	Anti-Ageing, Cardio Protective, Hepato Protective, Immunomodulator, Cytoprotective, Anti-Inflammatory, Antipyretic, Hypolipidemic, Antidiabetic, Antioxidant, Anticancer, Antibacterial, Neuroprotective, Nephroprotective <sup>[9]</sup>
7.	Haritaki (L.NTerminalia chebula Family- Combretaceae)	Rasa - Panchrasa (Lavanrahit), Kashaya Pradhan Guna - Laghu, Ruksha Veerya - Ushna Vipaka - Madhur Karma – Jwaragna, Prajasthapan, Kushtagna, Kaashagna Dosha Prabhav - Tridoshahara	Antidiabetic, Antiviral, Anticancer, Antibacterial, Cardiotonic, Cardioprotective, Antifungal, Antioxidant, Cytoprotective, Anti- Inflammatory, Anti-Arthritic, Radioprotective, Antispasmodic, Hypolipidemic, Hypocholesterolic <sup>[10]</sup>
8.	Vibhitaki (L.NTerminalia bellirica Family- Combretaceae)	Rasa - Kashaya Guna - Ruksha, Laghu Veerya - Ushna Vipaka - Madhur Karma — Jwarahara, Shothhara, Vedanasthapan, Raktasthambhak Dosha Prabhav — Tridoshahara (Mainly Kaphara)	Analgesic, Anti Diarrhoeal, Anti- Hypertensive, Anti-Microbial, Anti Spasmodic, Wound Healing, Anticancer, Antiulcer, Antipyretic, Antithrombotic, Thrombolytic Activity <sup>[11]</sup>
9.	Yashtimadhu (L.NGlycyrrhiza glabra Family- Leguminosae)	Rasa - Madhur Guna - Guru, Snigdha Veerya - Sheeta Vipaka - Madhur Karma – Dahashamak, Keshya, Vedanasthapan, Shothhara, Varnya Dosha Prabhav - Vaatpittahara	Antioxidant, Anti Tussive, Antidemulcent, Anti-Malarial, Antifungal, Immunostimulatory, Anti Inflammatory, Anti-Viral, Anti Thrombotic, Neuroprotective, Antidiabetic, Anti Dyslipidemic, Skin Lightening <sup>[12]</sup>
10.	Nagapushpa (L.NMesua ferrae Family- Guttiferae)	Rasa - Kashaya, Tikta Guna - Laghu, Ruksha Veerya - Ushna Vipaka — Katu Karma — Vedanasthapan, Chardinigrahan, Shonitsthapan, Kushtagna, Vishagna Dosha Prabhav - Kaphpittashamak	Anti-Oxidant, Analgesic, Anti Inflammatory, Anti Arthritic, Antimicrobial, Antifungal, Water Disinfectant Properties, Anti Venom Activity (In Scorpion) Anti Hemorrhoid, Wound Healing, Antiulcer, Antidiabetic, Immunomodulatory, Hormone Balance, Hepatoprotective, Cardioprotective, Anticancer <sup>[13]</sup>
11.	Elavaluka (L.NPrunus cerassus Family- Rosaceae)	Rasa - Kashaya Guna - Laghu, Sheeta Veerya – Sheeta Vipaka – Katu	Antidiabetic, Immunomodulatory, Enhanced Sleep, Antioxidant,
		Karma – Grahi, Jwarahara Dosha Prabhav - Varnya, Rakthapittahara	Antimicrobial, Anti Tumor, Anti Estrogen, Anticancer <sup>[14]</sup>
12.	Jeevaka (L.NMalaxis accuminata Family- Orchidaceae)	Rasa - Madhura Guna - Guru Veerya — Sheeta Vipaka — Madhura Karma — Shukraprada,dahahara, jwarahara Dosha prabhav - Vaatpittahara	Aphrodisiac, Analgesic, Antidysentric, Antimicrobial, Anti- Inflammatory, Digestive Stimulant, Immunomodulatory, Depurative, Antioxidant, Carminative, Anti- Ageing <sup>[15]</sup>
13.	Rushabhaka (L.NMelaxis musifera Family- Orchidaceae)	Rasa – Madhura Guna – Guru, Sheeta Veerya – Sheeta Vipaka – Madhura Karma – Jeevaniya, Jwaragna, Shukrala Dosha Prabhav - Vaatpittahara	Rejuvinative, Haemostatic, Antidiarrhoeal, Antioxidant, Anti- Inflammatory, Anti-Aging, Spermatogenic, Antidysenteric <sup>[16]</sup>

14.	Sheeta(Chandana) (L.NSantalum Album Family- Santalaceae)	Rasa - Tikta, Madhura Guna - Laghu, Ruksha Veerya – Sheeta Karma – Varnya, Dahagna, Jwaragna, Visarpahara Dosha Prabhav - Kaphapittahara	Hepatoprotective, Antiulcer, Antibacterial, Antipyretic, Insecticidal, Anticancer, Anti- Inflammatory, Cardioprotective, Antihyperglycemic, Antihyperlipidemic, Antiviral, Hemolytic, Antioxidant <sup>[17]</sup>
15.	Padmaka (L.NPrunnus Cerasoides Family- Rosaceae)	Rasa - Kashaya, Tiktha Guna — Laghu Veerya — Sheeta Vipaka — Katu Karma — Varnya, Rakthapittahara, Visarpahara, Kushtagna Dosha Prabhav - Kaphapittahara	Antibacterial, Diuretic, BPH Protective, Antioxidant, Cytotoxic Activity <sup>[18]</sup>
16.	Utpala (L.NNymphea Nouchali Family- Nymphaceae)	Rasa - Madhura, Kashaya, Tiktha Guna - Laghu, Snigdha, Picchil Veerya - Sheeta Vipaka – Madhura Karma – Rakthapithahara, Dahagna, Jwaragna Dosha Prabhav - Tridoshahara	Antimicrobial, Antifungal, Antihepatotoxic, Analgesic, Anti Inflammatory, Antidiabetic, Antiulcer, DNA Protective <sup>[19]</sup>
17.	Kshoudra (Honey)	Rasa - Kashaya, Madhura Guna - Sheeta, Laghu, Ruksha Veerya - Sheeta Karma – Lekhana, Varnya, Vranashodanaropana, Dahagna, Kushtagna Dosha Prabhav - Kapha-Pitta Shamaka	
18.	Sita (Sugar)	Rasa — Atimadhura Veerya — Sheeta Karma — Dahahara, Jwaragna, Chardigna Dosha Prabhav - Vatapittahara	

## Indications of himvaan agad

# Mandali sarpa

Mandali Sarpa envenomation exhibits symptoms that closely resembles vasculotoxic snake poisoning primarily observed in viper bites. The local effects of Shotha (swelling), Daha and Vedana in Mandali vishadamsa align with the vascular damage, inflammation and tissue necrosis caused by hemotoxins. Similarly systemic manifestations like hemorrhagic complications (epistaxis, hemoptysis, hemetemesis, hematuria etc.), hypotension and multi- organ dysfunction commonly associated with vasculotoxic venom.

Himvaan Agada, a powerful anti-toxic formulation, contains medicinal ingredients that exhibit properties like Dahaprashamana, Trushna Prashamana, Rakthapittahara, Jwaragna, Vishaghna, Shothahara, Vedanasthapana and Vranaropana to effectively counter snake venom effects. Since Pitta dosha plays a dominant role in Mandali Vishadamsa, Kashaya and Tikta Rasa help pacify excess Pitta, while Sheeta Veerya of most ingredients further alleviates inflammation and heat. Kshoudra (honey) acts as a Yogavahi enhancing the absorption of herbal compounds. The combined pharmacological effects of Himavan Agada systematically neutralize venom-induced complications, offering comprehensive relief.

#### Shotha

In Ayurveda Shotha refers to swelling or inflammation primarily caused by an imbalance in Vata dosha, though Pitta and Kapha can also contribute. Most ingredients in Himvaan Agad possess a Tridoshahara nature balancing all three doshas for effective healing. The Kashaya Rasa dries excess fluids and reduces swelling, while Laghu Guna and Katu Vipaka aid digestion, detoxify Aam and prevent fluid accumulation. Ruksha Guna helps control moisture, while Ushna Veerya boosts circulation and reduces Kapha stagnation, whereas Sheeta Veerya soothes inflammation. Shothahara, Raktapittahara, Vedanasthapan and Jwaragna play crucial roles. Classical texts highlight Shirish, Vibhitaki and Yashtimadhu as effective Shothahara herbs complemented by Anti-inflammatory, Analgesic, Antimicrobial, Diuretic, Antiarthritic, and Antipyretic properties for managing Shotha.

#### Visarpa

Visarpa, a skin disorder caused by Pitta dosha vitiation leads to spreading lesions, inflammation and systemic toxicity. Himvaan Agad, a polyherbal Ayurvedic formulation, contains Tikta and Kashaya rasa, which help pacify Pitta, while its Tridoshahara nature balances all three doshas. Classical texts recognize Vat, Chandan and Padmaka as Visarphara (Visarpa-specific remedies) for effective treatment. The formulation's Raktapittahara (Blood purifier), Kushtagna (Skin disease remedy), Vishagna (Anti-toxic), Shothahara, and Vranaropana (Wound healing) properties aid in detoxification, wound healing and inflammation control. Additionally antipyretic, antiviral, antioxidant and analgesic effects enhance recovery, managing infections, oxidative stress and discomfort. Its anti-aging and skin-lightening properties restore skin integrity, ensuring faster healing and improved well-being.

#### **Vishphot**

In Ayurveda, *Vishphot* is a blistering skin disorder caused by an imbalance in *Pitta* and *Rakta dosha* and *Himvaan Agad* ingredients help pacify this condition. *Madhura Rasa* and *Sheeta Veerya* soothe inflammation while *Varnya*, *Vishagna*, *Shothahara* and *Vranaropana Karma* aid in cleansing, reducing swelling, and promoting skin regeneration. Anti-inflammatory, Analgesic, Antioxidant, and Free Radical Scavenging effects prevent skin damage, while Hepatoprotective, *Raktapittahara* and Wound Healing properties purify the blood and promote faster recovery.

# **Jwar**

Most contents of *Himvaan Agad* have *Tikta* (bitter), *Kashaya* (astringent) and *Madhura* (sweet) *rasa* and *Sheeta* (cool) *veerya* which pacify the *pitta dosha*, helps to detoxify the body and nourish tissues for recovery. *Ushna* (hot) *veerya* stimulates metabolism and helps in elimination of toxins (*aam pachan*). Ayurvedic actions of some ingredients such as *Jwaragna* (fever- reducing), *Vishagna* (detoxifying), *Shothahara* (anti-inflammatory) synergize to combat increased temperature, inflammation, eliminate toxins.

Himvaan Agad's ingredients exhibit antipyretic, anti-inflammatory and immune-modulatory properties aiding fever reduction and immune response enhancement. Some components feature antimicrobial, antibacterial, antiviral and antifungal properties addressing the root causes of fever, while others offer antioxidant protection to safeguard cells.

#### Daah

In Ayurveda *Daah* is a burning sensation caused by *Pitta dosha* imbalance and *Himvaan Agad* ingredients help pacify this condition. *Madhura Rasa* and *Vipaka* and *Sheeta Veerya* directly counters internal heat. *Dahaprashman*, *Raktapittahara*, and *Jwaragna* properties of the ingredients play crucial roles alongside anti-inflammatory, analgesic, antipyretic, hepatoprotective and diuretic properties that reduce discomfort, detoxify and expel heat through urine.

## **CONCLUSION**

The ingredients of *Himvaan Agad* are mainly characterized by *Kashaya* and *Tikta rasa*, *Sheeta veerya* and properties such as *Tridoshahara*, *Dahahara*, *Jwaragna*, *Vranashodanaropana*, *Rakthapithahara*, *Kushtagna and Varnya*, all of which effectively pacify *Pitta dosha*. Since *Pitta dosha* is the fundamental cause of the targeted disease mentioned *phala-shruti* of *Himvaan Agad*, these attributes of this agad play a crucial role in balancing it. Additionally, the pharmacological properties of its components as per contemporary science like antipyretic, antimicrobial, anti-inflammatory, immunomodulatory and hepatoprotective effects further validate their therapeutic potential in treating the indicated conditions.

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