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A COMPREHENSIVE REVIEW ON ACTION OF MRITYUPASACCHEDI GHRITAM IN GARA VISHA

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ABSTRACT

Agada tantra is defined as one among the eight branches of Ayurveda which deals with the signs, symptoms and management of poisoning, resulting from the bites of snakes, insects, worms, spiders, rodents etc and various other poisons produced by improper combinations of substances or drugs. Garavisha(~concocted poison) is mentioned as a type of visha(~poison) which is formed by the combination of two or more poisonous or non-poisonous substances, which slowly gets accumulated in the body and ultimately affects all parts of the body by vitiating all Dosha(~humor), Dhatu(~tissues), Mala(~waste products) and Srotas(~channels). Many ayurvedic formulations are mentioned for the treatment of Gara visha. Mrityupasacchedi ghrita is one among them which is explained in Bhaishajya Ratnavali. It is a form of Ghrita Kalpa (~ghee preparation), the use of Ghrita (~ghee) plays an important role in the management of Visha (~poison) condition. It's effect cures severe poisoning and garadoshaja (~concocted poison) poisoning. It cures disorders like tamaka svasa(~bronchial asthma), kandu(~itching), mamsasada(~depletion of muscles) and visamjna(~fainting). It also cures poisoning caused by the bite of snake, poisonous insects, rats and spiders. Mrityupasacchedi ghritam is a formulation that has a combination of many herbs which are easily accessible and have a simple method of preparation. Hence an effort is made to review the Mrityupasacchedi ghritam for Vishahara (~anti-poison) property.

KEY WORDS: Mrityupasacchedi ghritam, Ayurveda, Visha, Agada Tantra

INTRODUCTION

Agada tantra is one among the eight branches of Ayurveda. It mainly deals with Visha(~poison) with its types, signs and symptoms, diagnosis, and management with various formulations. 'Gada' means Roga (~disease) and 'Agada' means Roga Pratikara (~to fight against disease) 1. On the basis upon its origin, visha has been classified into two categories viz. Jangamavisha (animal poison) and Sthavaravisha (plant and mineral poisons). Further it is also classified as Akritrimavisha (naturalpoison) and kritrimavisha(~artificial poison). Garavisha (~concocted poison) is a type of kritrimavisha(~ artifical poison). Acharya Vagbhata opines that Garavisha (~concocted poison) is the poison which is formed from the combination of different parts of animals and excreta or combination of medicines or Bhasmas (~ash preparations) which are having opposite properties or the poisons having the less potency 2.

The signs and symptoms of gara visha are pandu (paleness), krisa (emaciation), alpagni (weak digestive capacity), kasa (cough), swasa (dyspnoea), jvara (fever), ardhita (facial palsy), vayu pratilomatwa (upward movement of vata), swapna and chintha (spending more time in sleeping and worrying), mahodara (enlarged abdomen), yakrut roga (disorders of liver), pleeha roga (spleen disorder), deenavak (feeble voice), dourbalya (weakness), alasa (laziness), shopha (develops swellings),adhmata



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(distention of abdomen), sushka pada kara kshayi (dryness of feet and hand emaciation), dreams of seeing the jackal, cat, mungoose, snake, monkey, trees and reserviors which are dry, thinks that he has become black instead of his original white colour or that he has become white colour instead of his original black colour, sees his ears, nose, eyes as rough and distorted 3.

Mrityupasacchedi ghritam is one among the formulation mentioned for the treatment of visha(~poison) explained in Bhaishajya Ratnavali in the context of treatment of visha. It has a wide range of indications such as severe poisoning, garadoshaja (~concocted poison) poisoning, poisoning caused by bite of snakes, insects, rats and spiders. It is also indicated in disorders like tamaka svasa(~bronchial asthma), kandu(~itching), mamsasada(~depletion of muscles) and visamina(~fainting)⁴. Mrityupasacchedi ghritam is a Ghrita Kalpa (~ghee preparation) that contains ninteen ingredients in it.

Table no: 1 INGREDIENTS OF MRITYUPASACCHEDI GHRITAM

	Tubic no ji	INGREDIENTS OF I	VIKITI OI MOMEETIL	DI GIIIMI	
S1. No	Dravya (Drug)	Rasa (Taste)	Guna (Properties)	Veerya (Potency)	Vipaka (Metabolic property)
1	Haritaki ⁵ (Terminalia Chebula)	Pancharasa Kashaya(astrigent)	Laghu(light) Ruksha(dry)	Ushna(hot)	Madhura (sweet)
2	Gorochana ⁶	Tiktha (Bitter)	Rooksha(dry)	Sheeta (cold)	-
3	Kushta ⁷ (Saussaria lappa C B. Clarke)	Tiktha (Bitter)	Laghu(light) Ruksha(dry)	Ushna(hot)	Katu (pungent)
4	Arka ⁸ (Calotropis gigantea Linn.)	Katu(pungent) Tikta(Bitter)	Laghu(light) Ruksha(dry) Tikshna(sharp)	Ushna(hot)	Katu (pungent)
5	Utpala ⁹ (Nymphea alba Linn.) Nala ¹⁰	Madhura(sweet) Kashaya(astringent) Tiktha(Bitter)	Laghu(light) Snigdha(unctuous) Picchila(sliminess)	Sheeta(cold)	Madhura (sweet)
6	(Arundo donax)	Madhura(sweet) Kashaya(astringent) Tiktha(Bitter)	Laghu(light) Snigdha(unctuous)	Sheeta(cold)	Madhura (sweet)
7	Vetasa ¹¹ (Salix Caprea)	Kashaya (astringent) Tiktha (Bitter)	Laghu(light)	sheeta(cold)	Katu (pungent)
8	Vatsanabha ¹² (Aconitum ferox Wall.)	Madhura(sweet)	Laghu(light) Ruksha(dry) Teekshna(sharp)	Ushna(hot)	Katu (pungent)
9	Tulasi ¹³ (Ocimum sanctum Linn.)	Katu(pungent) Tiktha(Bitter)	Laghu(light) Rooksha(dry)	Ushna(hot)	Katu (pungent)
10	Indrayava ¹⁴ (Holarrhena antidycentrica)	Tiktha(Bitter) Kashaya(astringent)	Laghu(light) Rooksha(dry)	Sheeta(cold)	Katu (pungent)
11	Manjishta ¹⁵ (Rubia cordifolia Linn.)	Madhura (sweet) Tiktha(Bitter)	Guru(heavy) Rooksha(dry)	Ushna(hot)	Katu (pungent)
12	Anantamoola ¹⁶ (Hemedismus indicus R.Br.)	Madhura(sweet) Tiktha(Bitter)	Guru(heavy) Rooksha(dry) Snigdha(unctuous)	Sheeta(cold)	Madhura (sweet)
13	Satavari ¹⁷ (Asparagus racemosus Willd.)	Madhura(sweet) Tiktha(Bitter)	Guru(heavy) Snigdha(unctuous)	Sheeta(cold)	Madhura (sweet)
14	Srungataka ¹⁸ (Trapa bispinosa Roxb.)	Madhura(sweet) Kashaya(astringent)	Guru(heavy) Rooksha(dry)	Sheeta(cold)	Madhura (sweet)



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15	Lajjalu ¹⁹ (Mimosa pudica Linn.)	Kashaya (astringent) Tiktha(Bitter)	Laghu(light) Rooksha(dry)	Sheeta(cold)	Katu (pungent)
16	Kamala ²⁰ (Nelumbo nucifera Grertn.)	Kashaya(astringent) Madhura(sweet) Tiktha(Bitter)	Laghu(light) Snigdha(unctuous) Picchila(sliminess)	Sheeta(cold)	Madhura (sweet)
17	Kesara ²¹ (Mesua ferrea Linn.)	Kashaya(astringent) Tiktha(Bitter)	snigdha(unctuous)	Ushna(hot)	Katu (pungent)
18	Madhu ²²	Madhura(sweet) Kashaya(astringent)	Guru(heavy) Rooksha(dry)	Sheeta(cold)	-
19	Goghrita ²³	Madhura(sweet)	Snigdha (unctuous) Guru(heavy) Mridu(soft)	Sheeta(cold)	Madhura

SL NO.	Dravya (drug)	Doshaghnata (action on dosha)	Karma (action)	Indications
1	Haritaki ⁵ (Terminalia Chebula)	Tridoshahara	Anulomana Rasayana (Rejuvinative) Hridhya Lekhana()	Kasa (cough),Swasa (difficulty in breathing),Shotha (inflammation)
2	Gorochana ⁶	-	Vishagna Kantikaraka Mangala	Visha (poisoning conditions) Unmada(insanity) Graha roga
3	Kushta ⁷ (Saussaria lappa C B. Clarke)	Vata kaphahara	Lekhaniya Vrishya	Kushta (skin disease) Swasa (difficulty in breathing) Kasa (cough)
4	Arka ⁸ (Calotropis gigantea Linn.)	Vatahara	Vishagna Rechana Deepana	Pliharoga(spleen disorder) Visharoga (poisoning conditions) Shopha(inflammation)
5	Utpala ⁹ (Nymphea alba Linn.)	Tridoshahara	Grahi Medhya	Jvara (fever) Daha (burning sensation) Atisara(diarrhea)
6	Nala ¹⁰ (Arundo donax)	Kaphapittahara	Vrishya mutrala	Jvara (fever) Daha(burning sensation) Ashmari (calculi)
7	Vetasa ¹¹ (Salix Caprea)	Kaphapittashamana	Vedanasthapana Kushtagna Jwaragna	Shotha (inflammation) kushta(skin disease)
8	Vatsanabha ¹² (Aconitum ferox Wall.)	Kaphavatahara	Jwarahara Jangama vishahara Madakari Kushtagna	Jvara (fever) Swasa (difficulty in breathing) Kasa (cough) Pliha roga (spleen disorder) Agnimandhya Vataroga(disorders of vata)
9	Tulasi ¹³ (Ocimum sanctum Linn.)	Kapha vatahara	Deepana Krimighna putigandhahara	Swasa (difficulty in breathing) Kasa (cough) Visha roga (poisoning conditions) Vishama įvara (fever)
10	Indrayava ¹⁴ (Holarrhena antidycentrica)	Kapha pittahara	Graahi Deepana	Jvara (fever) Kushta (skin disease) Visarpa (erysipelas)
11	Manjishta ¹⁵ (Rubia cordifolia Linn.)	Kapha pittahara	Vishagna varnya	Jvara (fever) Shotha (inflammation) Kushta (skin disease)
12	Anantamoola ¹⁶ (Hemedismus indicus R.Br.)	Tridoshahara	Graahi	Jvara (fever) Kasa (cough) Swasa (difficulty in breathing) Agnimandhya (diminished digestive fire)
13	Satavari ¹⁷ (Asparagus racemosus Willd.)	Vatapittahara	Rasayana Vrishya	Grahani (ulcerative colitis) Kshaya (cachexia) Atisara (diarrhea)
14	Srungataka ¹⁸ (Trapa bispinosa Roxb.)	Pittahara	Vrishya Grahi	Raktapitta(bleeding disorder) Garbha pata (abortion)
15	Lajjalu ¹⁹ (Mimosa pudica Linn.)	Kapha pittahara	Sandhaniya Purisha sangrahana	Jvara (fever) Atisara (diarrhea) Raktapitta (bleeding disorder)
16	Kamala ²⁰ (Nelumbo nucifera Grertn.)	Kapha pittahara	Mutra virechaniya Varnya Garbha sthapaka	Visha roga (poisoning conditions) Visarpa (erysipelas)



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17	Kesara ²¹	Kapha Pittahara	Vishahara	Jvara(fever)
	(Mesua ferrea Linn.)		Pachana	Sopha(inflammation)
			Sothahara	Visha roga (poisoning conditions)
18	Madhu ²²	Kaphapittahara	Vishagna	Swasa (difficulty in breathing)
			Chakshushya	Kasa (cough)
			Chedhana	Kushta(skin disease)
19	Goghrita ²³	Vatapittahara	Vishagna	Jvara (fever)
	-		Agni deepana	Shosha(cachexia)
			Balya	
			Ayushya	
			Ojo vivardhana	

METHOD OF PREPARATION

Murcchita cow ghrita(~ghee) (1 kg), cow milk (4 litres), kalka prepared out of the powders of *haritaki*, *gorocana*, *kushta*, leaves of *arka*, *utpala*, root of *nala*, root of *vetasa*, *vatsanabha visa*, *tulasi*, *indrayava*, *manjistha*, *anantamula*, *satavari*, *sringata*, root of *lajjalu and kamala*, *kesara*(15 gm. each). Also take water measuring 4 litre. Combine all these materials and cook the preparation methodologically to obtain medicinal *ghritam*. When the ghritam gets cool down to atmospheric temperature, add to it 1 kg, measure of honey and preserve it⁴.

INDICATION

mahodara (enlarged abdomen).

Sarpa, Keeta, Lootha, Mooshika utpannadi visha, gara visha (~concocted poison), tamaka svasa(~bronchial asthma), kandu(~itching), mamsasada(~depletion of muscles) and visamjna(~fainting)⁴.

Table no ;2 Showing symptoms of Garavisha (~concocted poison) , action of Mrityupasacchedi ghritam and the responsible ingredients

	responsible ingredients	
Symptoms	Action of Mrityupasacchedi ghritam	Responsible ingredients
Pandu(paleness)	pittahara	Srungataka
krisa (emaciation)	Rasayana,balya	Haritaki, Goghrita ,Satavari
alpagni (weak digestive capacity)	Deepana, Pachana	Arka, Tulasi ,Indrayava, Kesara, Vatsanabha ,Anani Goghrit
kasa (cough)	Kasagna	Haritaki, Kushta ,Vatsanabha, Tulasi Anantamoola,madhu
swasa (dyspnoea),	swasagna	Haritaki , Kushta , Vatsanabha, Anantamoola, madhu
j <i>vara</i> (fever)	Jvaragna	Utpala, Nala Vatsanabha ,Tulasi, Indrayava Man, ,Anantamoola Lajjalu ,Kesara,goghrita
ardhita (facial palsy)	Vatarogaghna	Arka, Vatsanabha
ayuna pratilomana (upward movement of vata)	Vatarogaghna	Arka, Vatsanabha
swapna and chintha	Medhya	Utpala
-		

Udararogahara

Arka



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pleeha roga (spleen disorder),	Pleeha rogakrut	Arka, Vatsanabha
deenavak (feeble voice)	Rasayana ,Balya	Haritaki,Goghrita, Satavari
dourbalya (weakness)	Balya ,ayushya Ojo vivardhana	Goghrita
shopha (develops swellings)	Shophagna	Haritaki ,Arka ,Manjishta Kesara
adhmata (distention of abdomen)	Vatarogaghna	Arka,Vatsanabha

PROBABLE MODE OF ACTION

Based on Veerya (~potency) of ingredients:

63% of the ingredients are having Sheeta (~cold) Veerya and 37% of the ingredients are having Ushna (~hot) Veerya.

Based on the *Doshaghnata* (~action on dosha) of ingredients:

The majority of the ingredients of this formulation is having *Kapha-pittahara* (~alleviates *Kapha* and *pitta*) and *Tridoshahara* (~alleviates *Vata*, *Pitta*, *Kapha*) property.

DISCUSSION

Mrityupascchedi ghritam is indicated gara visha(~concocted poison). This formulation contains ninteen drugs, out of which 13 drugs have Sheeta (~cold) Veerya and 6 drugs have Ushna (~hot) Veerya. Most of the drugs have Laghu guna (~light) which helps to act fast and Snigdha Guna (~unctuous) of the ingredients helps to counteract the poison. Most of the drugs have Kaphapittahara (~alleviates Kapha and pitta) and Tridoshahara (~alleviates Vata ,Pitta , Kapha) properties which help in counteracting the ill effects caused because of Visha (~poison). The drugs in Mrityupasacchedi ghritam have Vishaghna (~anti-poisonous) property and the symptoms of Garavisha like Krisha (~cachexia), Alpagni (~weak digestive power), kasa (cough), swasa (dyspnoea), jvara (fever), vayu pratilomana (upward movement of vata), swapna and chintha (spending more time in sleeping and worrying), mahodara (enlarged abdomen), yakrut roga (disorders of liver), pleeha roga (spleen disorder), deenavak (feeble voice), dourbalya (weakness), alasa (laziness), shopha (develops swellings), adhmata (distention of abdomen), sushka pada kara kshayi (dryness of feet and hand emaciation) are counteracted by Rasayana, Balya, Ayushya, Deepana, Pachana, Kasagna, swasagna, Jvaragna, vatarogakrut, Medhya, Udararogahara, Pleeha rogakrut properties of the ingredients.

CONCLUSION

Mrityupasacchedi ghritam is one among the formulation mentioned for the treatment of visha(~poison) explained in Bhaishajya Ratnavali in the context of treatment of visha. The formulation is a combination of ninteen ingredients and each ingredient has a significant action to pacify the signs and symptoms of gara visha (~artificial poison). These ingredients are easily accessible and have a simple method of preparation which may encourage the physician to use this formulation in the management of Visha (~poison) condition.

REFERENCES

- 1. Ambikadatta S, Sushrutha Samhita of Sushrutha, Sutra sthana; Vedotpatti adhyaya: Chapter 1, Verse14. Varanasi: Chaukambha samskruta samsthana, Reprint 2014;p.6
- 2. Paradkar BH, editor, 6th edition. Ashtanga hridaya of Vagbhata, Uttara sthana; Vishapratisheda: Chapter 35, Verse 49. Bombay: Pandurang jawaji, 1939;p. 905
- 3. Paradkar BH, editor, 6th edition. Ashtanga hridaya of Vagbhata, Uttara sthana; Vishapratisheda: Chapter 35, Verse 50-54. Bombay: Pandurang jawaji,1939;p.905
- 4. Rajeshwara Dutta Shastri, Ambika Dutta Shastri. Bhaishajya Ratnavali Chapter 72 Treatment of visha 14 th edition. Chaukambha samskruta samsthana Varanasi.2001, Pg no,478
- Shastry JLN. Illustrated dravyaguna Vijnana. 1st ed. Golhar, Varanasi: Chaukambha orientalia;2003, Reprint 2010, Vol 2:p.209-215
- 6. Acharya Kaiyadeva Kaiyadevanighantu redacted by Sharma P. V, 1st edition, New delhi, Chaukambha publications 1979, p 288.
- 7. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed. Golhar, Varanasi: Chaukambha orientalia;2003, Reprint 2010, Vol 2:p.307-313
- 8. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed. Golhar, Varanasi: Chaukambha orientalia;2003,Reprint 2010, Vol 2:p.343-347
- 9. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed. Golhar, Varanasi: Chaukambha orientalia;2003,Reprint 2010, Vol 2:p.587-588
- Shastry JLN. Illustrated dravyaguna Vijnana.1st ed. Golhar, Varanasi: Chaukambha orientalia;2003,Reprint 2010, Vol 2:p.1034-1035
- 11. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed. Golhar, Varanasi: Chaukambha orientalia;2003,Reprint 2010, Vol 2:p.193



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- 12. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed. Golhar, Varanasi: Chaukambha orientalia;2003,Reprint 2010, Vol 2:p.1-22
- 13. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed. Golhar, Varanasi: Chaukambha orientalia;2003,Reprint 2010, Vol 2:p.430-433
- 14. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed. Golhar, Varanasi: Chaukambha orientalia;2003,Reprint 2010, Vol 2:p. 328-333
- 15. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed.Golhar, Varanasi: Chaukambha orientalia;2003, Reprint 2010, Vol 2:p.277-281
- 16. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed.Golhar, Varanasi: Chaukambha orientalia;2003, Reprint 2010, Vol 2:p.348-351
- 17. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed.Golhar, Varanasi: Chaukambha orientalia;2003, Reprint 2010, Vol 2:p.540-543
- 18. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed.Golhar, Varanasi: Chaukambha orientalia;2003, Reprint 2010, Vol 2:p.768-769
- 19. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed.Golhar, Varanasi: Chaukambha orientalia;2003, Reprint 2010, Vol 2:p.747-748
- 20. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed.Golhar, Varanasi: Chaukambha orientalia;2003, Reprint 2010, Vol 2:p.585-586
- 21. Shastry JLN. Illustrated dravyaguna Vijnana.1st ed.Golhar, Varanasi: Chaukambha orientalia;2003, Reprint 2010, Vol 2:p.67-77
- 22. Agnivesha, Charaka Samhita of Acharya Charaka, Sutra sthana; annapanavidhiadhyaya: Chapter 27, Verse 231. Varanasi: Charaka Samskruta samsthana, Reprint 2014;p.537
- 23. Vagbhata. Ashtanga Hridayam by Murthy Srikantha . Vol. III Sutra Sthna . Chapter Drava dravyavijnaniyam Varanasi . Krishnadas Academy. Edition: 1995:p. 116