# Journal of Drug Delivery and Therapeutics Agastya Haritaki Rasayana: A Critical Review

Article in Journal of Drug Delivery and Therapeutics · February 2019

DOI: 10.22270/jddt.v9i1·s.2283

CITATIONS
2 READS
2 4,362

4 authors, including:

Santosh Poudel
Shri Dharmasthala Manjunatheswara College of Ayurveda and Hospital
1 PUBLICATION 2 CITATIONS

Mahendra Prasad Yadav
Shri Dharmasthala Manjunatheswara College of Ayurveda and Hospital
1 PUBLICATION 2 CITATIONS

SEE PROFILE

SEE PROFILE



Available online on 15.02.2019 at http://jddtonline.info

# **Journal of Drug Delivery and Therapeutics**

Open Access to Pharmaceutical and Medical Research

© 2011-18, publisher and licensee JDDT, This is an Open Access article which permits unrestricted non-commercial use, provided the original work is properly cited





Review Article

## Agastya Haritaki Rasayana: A Critical Review

Dr. Santosh Poudel 1\*, Dr. Pradeep 2, Dr. Mahendra Prasad Yadav 1

- <sup>1</sup> PG Scholar in Department of Dravyaguna, Sri Dharmasthala Manjunatheshwara College of Ayurveda and Hospital, Hassan-573201, Karnataka
- <sup>2</sup> Associate Professor, Department of Dravyaguna, Sri Dharmasthala Manjunatheshwara College of Ayurveda and Hospital, Hassan-573201, Karnataka

#### **ABSTRACT**

Rasayana is a specialized section of Ayurveda, which mainly deals with the prevention of disease and promotion of the health. Agastya Haritaki Rasayana is a popular Avaleha kalpana, used in the pranavaha sroto vikaras like Kasa, Shwasa, Hikka, Kshaya, etc. The study was taken with a view to enlist the ingredients of Agastya Haritaki Rasayana from different Classical text of Ayurveda and critical analysis was done based on the properties of ingredients and their indications. A thorough and comprehensive review of Agastya Haritaki Rasayana from different Ayurvedic classical texts, contemporary texts, online journals, articles and internet materials has been done. Most of the ingredients of Agastya Haritaki Rasayana are having -Tikta, Kashyaya, Madhura rasa, laghu, ruksha, tikshna guna, katu vipaka, ushna veerya and having kaphavata shamaka Properties. Thus, Agastya Haritaki Rasayana is used in the management of diseases which are mainly vatakapha pradhana. Agastya Haritaki Rasayana is indicated as main line of treatment in Shwasa, Kasa roga as well as used as the Naimittika Rasayana in various other diseases like grahani, aruchi, arsha etc.

Keywords: Agastya Haritaki Rasayana, Rasayana, Naimittika Rasayana, Shwasa, Kasa

Article Info: Received 24 Dec 2018; Review Completed 29 Jan 2019; Accepted 01 Fev 2019; Available online 15 Feb 2019

#### Cite this article as:

Poudel S, Pradeep , Yadav MP, Agastya Haritaki Rasayana: A Critical Review, Journal of Drug Delivery and Therapeutics. 2019; 9(1-s):486-491 http://dx.doi.org/10.22270/jddt.v9i1-s.2283

### \*Address for Correspondence:

Dr. Santosh Poudel, PG Scholar in Department of Dravyaguna, Sri Dharmasthala Manjunatheshwara College of Ayurveda and Hospital, Hassan-573201, Karnataka

#### Introduction

Agastya Haritaki Rasayana is an Avaleha preparation, propounded by Sage Agastya. It is indicated mainly in the pranavaha sroto vikaras like kasa, swasa, hikka, kshaya, etc. It promotes complexion, longevity, as well as strength, cures wrinkles of the skin and graying of the hairs.<sup>1</sup>

Avaleha is a semisolid preparation of drugs, prepared with addition of jaggery, sugar /sugar candy and boiled with prescribed juices or decotion.<sup>2</sup> They are also known as *leha*, *lehya*, *Rasakriya*, etc.<sup>3</sup> It is also the *upkalpana* of *kwatha kalpana*. Avaleha is popular Kalpana due to its dosage form which help in easy administration, palatability and long shelf life.

Agastya Haritaki Rasayana contains Haritaki as one of the main ingredients is Ruksha, Laghu, Kashaya Pradhana Pancharasa(except lavana), Madhura vipaka, ushna veerya, Rasayani and Vata-kaphahara.<sup>4</sup> The plant has been extensively used for anorexia, indigestion, anaemia, pharyngitis, hiccough, dyspnoea, cough, coryza, asthma, intermittent fevers, cardiac disorders, neuropathy, general debility etc.<sup>5</sup> Haritaki has been well reported for its antioxidant, anti-mutagenic, anti-carcinogenic, anti-ageing, antibacterial, anti-viral, anti-fungal, anti-diabetic, cardioprotective, hepato-protective, anti-ulcer and wound healing properties.<sup>6</sup>

Ayurveda has described a large number of *Rasayanas*, which deals with the prevention of disease and promotion of the health. They promote both physical and mental health, improve the status of *Dhatu*(tissues), confer immunity & rejuvenate the system.<sup>7</sup> There are 3 types of *rasayanas: kamya, naimittika* and *ajasrika*. <sup>8</sup> *Naimittika rasayana* deals with the diseases & proved for its beneficial role in the patients suffering from chronic diseases. It also helps in promoting the vitality & ability to withstand the devastating effects of the disease. Usually it is used as adjuvant to the main treatment of the disease and prevention of the disease.<sup>9</sup>

### Aims & Objectives

The study was taken with a view

- to enlist the ingredients of Agastya Haritaki Rasayana from different Classical text of Ayurveda
- > to enlist the indication of *Agastya Haritaki Rasayana* from different Classical text of Ayurveda
- to critically analyze the properties of the ingredients of Agastya Haritaki Rasayana

#### Methodology

A thorough and comprehensive review of *Agastya Haritaki Rasayana* with its ingredients and the indications from Ayurvedic classical texts, contemporary texts, online journals, articles and internet materials has been done.

ISSN: 2250-1177 [486] CODEN (USA): JDDTAO

Table 1: Ingredients of Agastyaharitaki Rasayana according to different Authors

S.N	Name of the drugs	C.S <sup>10</sup>	S.S <sup>11</sup>	A.H <sup>12</sup>	B <sup>13</sup>	B.R <sup>14</sup>	S.Y <sup>15</sup>	C.D <sup>16</sup>	V.S <sup>17</sup>	B.S <sup>18</sup>	G.N <sup>19</sup>	G.N <sup>20</sup>	G.N <sup>21</sup>
1.	Dashmoola	+	+	+	+	+	+	+	+	+	+	+	+
2	Kapikacchu	+	+	+	+	+	+	+	+	+	+	+	+
3	Shankapusphi	+	+	+	+	+	+	+	+	+	+	+	-
4	Shati	+	+	+	+	+	+	+	+	+	+	+	-
5	Bala	+	+	+	+	+	+	+	+	+	+	+	-
6	Gajapippali	+	+	+	+	+	+	+	+	+	-	+	+
7	Apamarga	+	+	+	+	+	+	+	-	+	+	+	+
8	Pippalimula	+	-	+	+	+	+	+	-	+	+	+	-
9	Chitraka	+	+	+	+	+	+	+	-	+	+	+	+
10	Bharangi	+	+	+	+	+	+	+	+	+	+	+	-
11	Puskarmoola	+	+	+	+	+	+	+	+	+	+	+	-
12	Rasna	-	+	-	-	-	-	-	-	-	+	-	-
13	Guduchi	-	+	-	-	-	-	-	-	-	+	-	-
14	Patha	-	+	-	-	-	-	-	-	-	+	-	-
15	Nagara	-	+	-	-	-	-	-	-	-	+	-	-
16	Pippali	-	+	-	-	-	-	-	-	-	+	-	+
17	Devadaru	-	-	-	-	-	-	-	+	-	-	-	-
18	Madhulika	-	-	-	-	-	-	-	+	-	-	-	-
19	Punarnava	-	-	-	-	-	-	-	+	-	-	-	-
20	Panchakola	-	-	-	-	-	-	-	+	-	-	-	-
21	Pasanbheda	-	-	-	-	-	-	-	+	-	-	-	-
22	Dantimoola	-	-	-	-	-	-	-	-	-	-	-	+
23	Chirabilva	-	-	-	400	13 13	170	-	-	-	-	-	+
24	Bhallataka	-	T 70 Y	G172	-	-	- 1	X 1	7	-	-	-	+
25	Bhela	\	200	-	-	-	-	-	77,	-	-	-	+
26	Amahaldi	- 20	-	-	-	-	-	-	- 11	75	-	-	+
27	Daruhaldi	-	-	-		-	-	-	-	77/	_	-	+
28	Yava 1 Adhaka	+	+	+	+	+ -	+	+	+	+	4/	+	+
29	Guda 1 tula	+	+	+	+	+ -	+	+	+	+	+///	+	+
30	Ghrita 1 tula	+	+	+	+	/+ \\\\\	+	+	+	+	+	+	+
31	Taila 1 tula	+	+	+	+	+	+	+	+	+	+	+	+
32	Pippali 1 tula	+	+	+	+	+	+	+	+	+	+	+	+

C.S -Charka Samhita, S.S Sushruta Samhita, A.H Astanga Hrudiya, B- Basabarajeeyam, B.R- Bhaisajya Ratnawali, S.Y- Saharshayogam, C.D-Chakradutta, V.S-Vangaseen Samhita, B.S Bhela Samhita, G.N- Gada Nigraha

Table 2: Karma & Doshagnata/ Actions & Therapeutic Indications of Agastyaharitaki Avaleha according to different Authors

S.N	Name of the disease	C.S	S.S	A.H	B.B	B.R	S.Y	C.D	V.S	G.N 1st	G.N 2 <sup>nd</sup>
1.	Vali	+	-	+	+	+	+	-	+	-	+
2	Palitya	+		+	+ 1	+	+	-	+	-	+
3	Varna Ayu Bala vardhana	+	+	+	+	+	+	+	+	+	+
4	Kasa	+	+	+	+ /	+	+	+	+	+	+
5	Kshaya	+	+	+	+	+	+	+	+	-	++
6	Swasa	+	+	+	+	+	+	+	+	+	+
7	Hikka	+	+	+	+	+	+	+	-	+	+
8	Vishamajwara	+	+	+	+	+	+	+	+	+	+
9	Gulma	-		+	-	-	+	-	+	-	+
10	Meha	-		+	-	-	+	-	-	-	+
11	Grahani	+	+	+	+	+	+	+	+	+	+
12	Arsha	+		+	+	+	+	+	+	-	+
13	Hridroga	+		+	+	+	+	+	-	+	+
14	Aruchi	+		+	+	+	+	+	+	-	+
15	Pinasa	+		+	+	+	+	+	+	-	+
16	pleeha	-		-	-	-	-	-	+	-	-
17	Swarabhanga	-		-	-	-	-	-	+	-	-
18	Agnijanana	-		-	-	-	-	-	+	-	-
19	Pandu	-		-	-	-	-	-	+	+	-
20	Rajayakshma	-		-	-	-	-	-	+	+	-
21	Shiroroga	-	+	-			-	-		+	-
22	Netraroga	-		-						+	

C.S -Charka Samhita, S.S Sushruta Samhita, A.H Astanga Hrudiya, B- Basabarajeeyam, B.R- Bhaisajya Ratnawali, S.Y- Saharshayogam, C.D-Chakradutta, V.S- Vangaseen Samhita, B.S Bhela Samhita, G.N- Gada Nigraha

ISSN: 2250-1177 [487] CODEN (USA): JDDTA0

#### Methods of preparation of Agastya Haritaki Rasayana

The drugs from the 1 to 20 (from Rasapanchaka table) (2 pala = 96 gm each; Dashmoola 96gm each individual) are coarsely powdered and kept in a vessel.

Pancha adhaka(5\*3.072 ltrs=15.360 ltrs) of water is added and qwatha is prepared reducing it to 1/4<sup>th</sup>(4.8 ltrs)

Yava(1 adhaka=3.072kg) and Haritaki(100 in number) are bundled in a piece of cloth which is immersed by suspension, as

Bundle is opened and Yava is discarded.

in dolayantra. Mixture of Yava and Haritaki is boiled till Yava becomes soft.

Jaggery(1 tula=4.2 kg) and Haritaki is added to the decoction and boiled to the required paka.

After paka ghrita & taila(4 pala=192 g each) is added along with the pippali churna (4 pala=192gm). Allowed to cool and finally honey (4 pala=192gm) is added. <sup>22</sup>

The siddhi lakshana of the avaleha includes asanna siddhi lakshana(Tantumatva, Apsumajjana, Sthirata) and Siddha lakshana(Piditomudre, Gandhavarnarasodhava, Sukhamarda).<sup>23</sup>

Table 3: Rasa panchaka of Individual components of Agastyaharitaki Rasayana based on Bhavaprakash Nighantu 24

S.N	Latin Name	Latin Name	Rasa	Guna	Veerya	Vipaka	Doshagnata
1	Bilva (Rt/st.Bk)	Aegle marmelos Linn.	Madhura	Laghu	Sita	Madhura	Tridoshagna
2	Syonaka (Rt/st.Bk)	Oroxylum indicum (L)Benth ex Kurz.	Madhura Tikta, Kashaya	Laghu, Ruksha	Ushna	Katu	Kaphavatashamaka
3	Gambhari (Rt/st.Bk)	Gmelina arborea Roxb.	Tikta, Kashaya, Madhura	Guru	Ushna	Katu	Tridoshasamaka
4	Patala (Rt/st.Bk)	Stereospermumsuaveol ens (Roxb) DC.	Tikta, Kashaya	Lagu, Ruksha	Ushna	Katu	Tridoshasamaka
5	Agnimantha (Rt/st.Bk)	Premna mucronta Roxb.	Tikta Katu, Kashaya Madhura	Lagu, Ruksha	Ushna	Katu	Kaphavatasamaka
6	Salaparni (pl)	Desmodium gangeticum DC	Madhura Tikta	Guru, Snigdha	Sita	Madhura	Tridoshasamaka
7	Prisniparni (pl)	Uraria picta Desv	Madhura tikta	Laghu Snigdha	Ushna	Madhura	Tridoshasamaka
8	Brhati (pl)	Solanum indicum linn	Katu, Tikta	Lagu, Ruksha, Tikshna	Ushna	Katu	Kaphavatasamaka
9	Kantakari (pl)	Solanum surattense Burm	Tikta Katu	Lagu, Ruksha, Tikshna	Ushna	Katu	Kaphavatasamaka
10	Gokshura (pl)	Tribulus terrestis Linn.	Madhura	Guru, Snigdha	Sita	Madhura	Vatapittasamaka
11	Atmagupta (sd)	Mucuna prurita Wight	Madhura Tikta	Guru, Snigdha	Ushna	Madhura	Tridoshasamaka
12	Shankapusphi pl)	Convolvulus pluricaulis Choisy	Kashaya, Katu	Snigdha, Picchila	Sita	Madhura	Tridoshahara
13	Sati (Rz)	Hedychium spicatum Sm in A Rees	Katu, Tikta, Kashaya	Laghu, Tikshna	Ushna	Katu	Vatakapha shamaka
14	Bala (Rt)	Sida cordifolia Linn	Madhura	Snigdha, Guru	Sita	Madhura	Vatapitta Samaka
15	Hastipippali (Fr)	Piper chaba Trel&Yunck	Katu	Ruksha	Ushna	Katu	Vatahara
16	Apamarga (Rt)	Achyranthes aspera Linn	Tikta Katu	Sara, Tikshna	Sita	Madhura	Kaphavata samaka
17	Pippalimula (Rt)	Piper longum Linn	Katu	Tikshna, Lagu, Snigdha	Anusna	Madhura	Kaphavata samaka
18	Chitraka (Rt)	Plumbago zeylanica Linn	Katu	Tikshna	Ushna	Katu	Kaphavata samaka
19	Bharangi (Rt)	Clerodendron serratum Linn	Katu, Tikta	Ruksha, Laghu	Sita	Madhura	Kaphavata samaka
20	Puskaramula (Rt)	Inula racemosa Hook	Katu, Tikta	Tikshna, Lagu	Usna	Katu	Vatakapha samaka
21	Yava (Sd)	Hordeum vulgare Linn	Kashaya, Madhura	Ruksha, Guru, Picchila	Ushna	Katu	Kaphahara
22	Haritaki (P)	Terminalia chebula Retz.	Kashaya pradhana lavana varjita	Lagu, Ruksha	Usna	Madhura	Tridoshahara

Rt/st bk- Root/stem bark, Pl-plant, Sd- Seed, Rz- Rhizome, Fr- Fruit, P-Pulp

ISSN: 2250-1177 [488] CODEN (USA): JDDTAO

#### **Discussion**

The basic method of the preparation of *Agastya Haritaki* rasayana includes major 4 components; *Drava-dravya* (containing qwatha of *Dashmula, Atmagupta, Shankapusphi* etc.,) *Madhura dravya* (with *Guda & Makshika*;) *Sneha dravyas* (*Ghrita & Taila*), Prakeshapa *dravya* (*Pippali*). *Drava* form helps in the extraction of active principles in the form of *qwatha*; sugar medium is responsible for palatability & also acts as preservatives; *Sneha* to keep the Avaleha soft & also helps in preservation; *Prakeshapaka dravyas* enhances the taste as well as increases the bioavailability of the drugs.<sup>25</sup>

The methods of preparation of *Agastya Haritaki* rasayana are similar in all the texts. Pharmaceutical Principle regarding the preparation was first described by *Shrangadhara* in *Sarangadhara Samhita*. A modified form is now adopted to facilitate the preservation over the longer period of time by removing the seeds from the boiled *Haritaki* are removed and pulp is dried well and powdered. After the required *paka*, the powdered *Haritaki* along with *Pippali choorna* is added. Pharmacognostical and Phytochemical evaluation of *Agastya Haritaki rasayana* is a step towards standardization of polyherbal formulations in Avaleha form.

Haritaki as the main ingredients (100 in number); along with Dashamoola, Kapikacchu, Shankapusphi, Shati, Bala, Gajapippali, Apamarga, Chitraka, Bharangi, Pippalimoola, & Puskarmula is mentioned in Charaka which is common in most of the classical references. Sushruta has added Rasna, Guduchi, Patha, Nagara, Yavasa and Pippali & omitted Apamarga and Pippali mula. Vangasena has added Devadaru, Madhulika, Punarnava, Panchakola, Pashanbheda, and omitted Apamarga, Pippalimoola and Chitraka.

Gadanigraha has three preparations; 1st Agastya Haritaki rasayana has the same ingredients as that of the Sushruta, 2nd Agastya Haritaki rasayana has followed the preparation of the Charaka, whereas 3rd one has the following ingredients like Dashmoola kapikacchu, Gajapippali, Apamarga, Pippali, Dantimoola Chirabilwa, Bhallataka, Bhela, Amahaldi & Daruhaldi with the name of Vasista Haritkai, (contains 1000 Haritaki in number) which is also mentioned by Vangasen.

The similarity in the formulation may be due to the availability of the plants at that period of time. Since the preparation contains the similar type of the drugs some drugs may have been added to increase the potency of the formulation and while some might have been omitted due to non availability as well as can be due to deletion, substitution while copying of the manuscript.

There is similarity in indication of the Agastya Haritaki rasayana, mainly indicated for Kasa, Shwasa, Hikka, Aruchi, Kshaya, Grahani, Arsha, Vali, Palitya, Hridroga, & Pinasa. Sushruta has added Shiroroga while Gulma Meha has been added by Chakradutta. Pleeha, swarbhanga, Agnijanana, Pandu, Rajayakshma has been added by Bangasena. Here, in all classical references, it is mainly indicated for the Kasa Shwasa Kshaya, Hikka and Varna Bala Ayu bardhanama as action. In Bhela Samhita, the indication has not been listed it is said to be lupta, may be due to the unavailability of that particular subject matter.

Gadanigraha & Vangasena – mentions intake of Vasistha haritaki Avaleha, for specific duration for treatment of disease. If taken for 1 month, it cures all types of Jwara, 2 months cures Netra roga, if 3 months cures complications of Kustha, if 4 months cures Bhagandara, Shlipada, Vatagulma, Arsharoga, if taken for 5 months it acts as Keshya.

In *Adhikarana* of *the Rasayana*, most of the author has given preference to the disease, which is why this preparation is given under the management of the *Kasa roga*, and then followed by *Hikka & Shwasa. Gadanigraha* has mentioned in the preparation chapter giving emphasis on the way of preparation under *leha-adhikara* chapter.

Based on the properties, the major drugs mentioned in the preparation of the *Agastya Haritaki rasayana* are of *Ushna veerya* with few *Sita veerya* drugs. *Tikta Katu, Madhuara Kashaya* is the dominant rasa present within it. *Laghu Ruksha and Tikshna guna* are the major Guna, with few Guru, *Picchila, Snigdha* of the individual drugs present in the formulation of the *Agastya haritaki rasayana*. *Katu Vipaka* is the more in number compared to the *Madhura vipaka*. Most of the drugs are of *Vatakapaha samaka* as well as the *Tridoshasamaka* in nature.

Based on the properties of various ingredients present in *Agastya Haritaki Rasayana*, it has been mentioned in various diseases like- *Kasa, Swasa and Hikka. Laghu guna* is *Lekhana* & Ropana in nature<sup>29</sup> whereas *Tikshna guna* is *Sodhana* & *Kaphavatahrut.*<sup>30</sup> *Laghu Tikshna* guna acts as antagonistic to *gunas* of *Kapha*, normalises the *Kapha. Ruksha guna* does *Soshana*<sup>31</sup> & is *Kaphahara.*<sup>32</sup>

Katu rasa combats the Kapha, clears the obstruction in the Srotas and does Sodhana<sup>33</sup> where as Kashaya rasa does alleviation of the Kapha and Pitta disorders along with the Sodhana effect.<sup>34</sup> Tikta rasa has the property of the Lekhana and Kanta-sodhana properties.<sup>35</sup> Ausadha is always Veerya pradhana in nature while Ahaara is Rasa pradhana in nature.

36 Veerya contributes to the most of the therapeutic condition of the drugs. Ushna veerya drugs are Agnimahabhoota dominant and contribute to Pachana, Liquification of Kapha, are a potent Vatakapha samaka; <sup>37</sup> it helps in reversing the pathophysiology of swasa roga.

Most of the *dravyas* in *Agastya Haritaki rasayana* are of *Tridosha samaka* and of *Vatakapha* pacifying in nature. In *Kaphaj* type of *Kasa* it will be more beneficial since the drugs enlisted are of *Kaphavatasamaka* type along with *Tridoshahara*. It can also be given as the adjuvant therapy, as *Naimittika rasayan* which helps in preventing the disease to become more chronic and thus prevents any damage to the involved tissues as well as recurrence of the disease.

Grahani is mainly due to vitiation of Agni.<sup>38</sup> Ushna veerya & Katu vipaka is responsible for the Deepana & Pachana effect.<sup>39</sup> Katu rasa enhances Agni, helps in proper absorption, and maintains digestion.<sup>33</sup> Tikta rasa removes the Aruchi, causes Deepana and Pachana, stimulating the Agni.<sup>40</sup> Kashaya rasa is responsible for the Sthambana effect as well as Ropana effect along with the Sodhana.<sup>34</sup> Laghu, Ruksha guna subsides the aggravated Kapha,<sup>41</sup> and Tikshna guna enhances the function of Pitta which stimulates Jatharagni which is in turn stimulates the other Agnis. <sup>30</sup> Agastya Haritaki Rasayana can be used as the Naimittika rasayana in the main line of treatment in case of Grahani as it does Srotosodhana, Deepana Pachana finally stimulating the function of Agni.

Diminution of *Raktadi dhatus*/depletion of *Dhatvagnis* or obstruction to their *srotas* results in the manifestation of the *Rajayakshma*. Here, *Jatharagni, Dhatwagni & Bhootagni* is affected leading *mandata* of *Agni* along with the *Sanga* and *Vimargagamana* of the dosha.<sup>42</sup> It is a *Tridoshaja vyadhi*. *Ushna veerya* drugs causes the liquification and mitigation of *doshas*, <sup>37</sup> clearing the obstruction in the *Srotas*. *Katu vipaka* helps in *Deepana Pachana* maintaining the normalcy of the Agni. *Guru, Snigdha guna* along with the *Madhura rasa* is responsible for the *Dhatu* nourishment and the *ojas* formation. Here *Agastya Haritaki Rasayana* can be employed

ISSN: 2250-1177 [489] CODEN (USA): JDDTAO

in the sense of *Naimittika Rasayana* for *Balya, Brimhana* by maintaining the fundamental aspects of *Dhatu, Agni* and *Srotas* leading to overall development/improvement, and finally maintaining the ojas the essence of all the *Dhatus* and responsible for vital strength of the body and resistance against the disease.

Prameha is Kapha pradhana tridoshaja vyadhi mainly due to Kapha dusti along with the medo vruddhi. Most of the drugs enlisted in Agastya Haritaki Rasayan are of Ushna veerya , Katu vipaka, Laghu Ruskha guna Katu tikta Kashaya rasa which is responsible for Kapha samana Agni deepana & pachana effect. There it can be used as Naimittika rasayana for maintaining the Dosha, Dhatu and Agni within the body.

In the case of *Aruchi, Katu rasa* is responsible for *Deepana, Pachana, Ruchya, Sodhana*, cleansing the mouth, increasing the appetite, helps in the absorption as well as clearing the obstruction in the channels.<sup>34</sup> *Tikata rasa* is responsible for the *Deepaana Pachana* effect and it itself cures anorexia.<sup>40</sup> Similarly the *Laghu, Ruksha Ushna guna* also helps in *Deepana Pachana* maintaining the *Agni*, enhancing the *Piita* thus stimulating the *Jataragni. Katu vipaka* and *Ushna veerya* attribute also helps in the stimualtion *of Deepana Pachana* effect, increasing the appetite and is *Ruchya* in nature.

Balya drugs like Shalaparni, Prisnaparni, Gokshura, Atmagupta, Shankapusphi and Bala are mentioned in the ingredients of the Agastya Haritaki Rasayana. For Bala Ayu Vardhana, Madhura Rasa containing drugs are responsible for shareeraindriya satmya, preenana, jeevana, tarpana, sapta dhatu vardhana, bala varna pradhana. Similarly, Guru Snigdha guna are responsible for the forming the bulkness i.e, brimhana Rasa Varna sapta drugs are responsible for sthirikarana and jeevana property. Madhura Vipaka drugs are responsible for promoting the kapha bhava in the body i.e, the bulkiness of the body.

#### **Conclusion**

Agastya Haritaki Rasayana; a popular Avaleha kalpana, works at various levels including Dhatus, Agni & Srotas, improving the Vyadikshmatva of the body. The methods of preparation, ingredients and indication are almost similar with few differences in classical texts.

Most of the diseases mentioned in phalashruty are of *Vatakapha pradhana* type & the ingredients in *Agastya Haritaki Rasayana* have *Vatakapha samana* and *Tridoshahara* properties. Based on *Gunakarma* and *Doshakarma* of the drug; it can be used as main line of treatment in disease as well as *Naimittika Rasayana* to boost up the immunity and cure the diseases in faster & better way. Concepts of *Naimittika Rasayana* bring a new dimension into the health care and promote an integrated approach between different modalities in the field of medicines. Further research work can be taken to analyze the potent *Agastya Haritaki Rasayana*, as mentioned in different classical texts.

#### References

- Agnivesha, Caraka, Chakrapanidutta. Caraka Samhita, Chakrapanidutta Ayurveda Dipika Commentary English Translated by Bhagwan Dash, Ram Karan Sharma. Vol.IV, Cikitsa sthana 18th Chapter, Kasacikitsadhyaya(61). Reprint Edition. Varanasi: Choukhamba Sanskrit Series Office; 2016. p 171-172
- The Ayurvedic Pharmacopeia of India, Part II Vol-I. 1st Edition. New Delhi: Government of India, Ministry of Health & Family Welfare, Department of Ayuuveda, Yoga & Naturopathy, Unani Siddha & Homeopathy; 2007. p 1
- 3. Sharangdhara Acharya. Sharangdhara Samhita. Translated by Dr. P Himasagara Chandra Murthy. Madhyam Khanda,  $8^{\rm th}$

- Chapter, Avaleha(1).Reprint Edition. Varanasi: Chowkhamba Sanskrit Series Office; 2013. p 192.
- Sri Bhavamishra. Bhavaprakash Nighantu.(In: K.C Chunekar, edited by G.S Pandey). 1<sup>st</sup> Chapter, Haritakyadi Varga, (20). Reprint Edition. Varanasi: Chaukhamba Bharati Academy; 2015p.5
- Sharma PC, Yene MB, T.J Dennis. Database on Medicinal Plants used in Ayurveda. Vol III. Reprint Edition. New Delhi: Central Council for Research in Ayurveda & Siddha; 2001. p 282-314
- Gupta PC. Biological and Pharmacological Properties of Terminalia Chebula Retz (Haritaki)- An Overview. International Journal of Pharmacy and Pharmaceutical Sciences. 2012; 4(3):62-68
- Vagbhata. Astangahrdaya. with the commentarites Sarvangasundara of Arundatta & Ayurvedarasayan of Hemadri, Annoted by Dr Anna Moreswara Kunte, edited by Pt. Sadasiva Sastri Paradakara. Uttar sthana, 39th Chapter Rasayanavidhi Adhyaya(1-2) Reprint Edition. Varanasi: Chaukhambha Sanskrit Santhan; 2012. p-923.
- Sushruta. Susruta Samhita. Nibhandasamgraha Commentary of Sri Dalhanacharya & the Nyachandriaka Panjika of Sri Gayadasacharya(Edited by Vaidya Jadavji Trikamji Acharya & Narayan Ramacharya Kavyatirtha). Cikitsa sthana, 27<sup>th</sup> Chapter.(1-2) Reprint Edition. Varanasi: Chaukhambha Sanskrit Sansthan; 2010. p 498
- Singh R H. History of Medicine in India. Rasayana and Vajikarna. 1<sup>st</sup> Edition: New Delhi Indian National Sceince Academy; 1992. p350-359
- Agnivesha, Caraka, Chakrapanidutta. Caraka Samhita, Chakrapanidutta Ayurveda Dipika Commentary English Translated by Bhagwan Dash, Ram Karan Sharma. Vol.IV Cikitsa sthana 18th Chapter, Kasacikitsaadhyaya(57-60), Reprint Edition. Varanasi: Choukhamba Sanskrit Series Office; 2016. p 171-172
- Sushruta. Susruta Samhita. Nibhandasamgraha Commentary of Sri Dalhanacharya & the Nyachandriaka Panjika of Sri Gayadasacharya(Edited by Vaidya Jadavji Trikamji Acharya & Narayan Ramacharya Kavyatirtha). Uttartantra, 52<sup>th</sup> Chapter Kasapratidesha(42-46) adhyaya. Reprint Edition. Varanasi: Chaukhambha Sanskrit Sansthan; 2010. p 252.
- Vagbhata. Astangahrdaya. with the commentarites Sarvangasundara of Arundatta & Ayurvedarasayan of Hemadri. Annoted by Dr Anna Moreswara Kunte, edited by Pt. Sadasiva Sastri Paradakara. Cikitsa sthana, 3<sup>rd</sup> Chapter, Kasachikitsam Adhyaya(127-132). Reprint Edition. Varanasi: Chaukhambha Sanskrit Santhan; 2012. p-923.
- Basavraja. Basavarajeeyam. (Translation, Notes & Appendices by M. S Krishnamurthy). Sleshmaroga nidana lakshana & Cikistsayadaya.(23-28). 1st Edition. Varanasi: Chowkhambha Orientalia; 2014. p 210-211.
- 14. Das G. Bhaisajyaratnavali(Edited & Enlarged by Bhisagratna Shri Brahmashankar Mishra, Hindi Commentary Analysis with Appendices by Shri Kaviraja Ambikadutta Shastri.) Kasacikitsa 15th Chapter(173-179). Reprint Edition. Varanasi: Chowkhambha Prakashana; 2013. p 456-57
- Sahastrayogam(Translated by Ramnivas Sharma & Surendra Sharma). Leha Prakarana. 2<sup>nd</sup> Edition: Hyderabaad; Dakshin Prakashan. 1990. p 185
- Sri Chakrapanidutta. Chakradutta Prabodhini Hindi Commentary by Vaidya Ravidutta Sastri. 12<sup>th</sup> Chapter, Hikkaswasadhikara.(59-64) 1<sup>st</sup> Edition. Varanasi: Chaukhambha Surabharati Prakashana; 2012. p 74-75.
- Vangasen. Vangasen Samhita(In: Harihara Prasad Tripathi). <sup>1st</sup> Edition. Varanasi: Chaukhamba Sanskrit Series Office. 2009. Kasadhikara 4<sup>8th</sup> Chapter. p 599(Agastyaharitaki)
- Bhel Acharya. Bhel Samhita (In; P. Srinivas Rao). Cikitsasthana 2oth Chapter, Kasa Cikitsa.(40-42) 1st Edition. Varanasi: Chowkhambha Krishnadas Academy; 2010. p 277
- Sri Vaidya Sodhala. Gadanigraha Vidyonithi Hindi Commentary by Sri Indradeva Tripathi, edited by Sri Ganga Sahaya Pandey. Part-I. 5<sup>th</sup> Chapter, Lehadhyaya(62-65) Reprint Edition. Varanasi: Chaukhambha Sanskrit Sansthan; 2012. p 307.
- 20. ibid(66-75).p.308
- 21. ibid.p(76-82) p 309
- 22. The Ayurvedic Formulary of India. Part I. 2nd Edition. New Delhi: Government of India, Ministry of Health & Family Welfare. Department of Indian Systems of Medicine & Homeopathy; 2003. p 108.

Poudel et al

- Sharangdhara Acharya. Sharangdhara Samhita.(Translated by Dr. P Himasagara Chandra Murthy). Madhyam Khanda, Chapter 8, Avaleha(3 Reprint Edition. Varanasi: Chowkhamba Sanskrit Series Office; 2013.); p 192.
- Sri Bhavamishra. Bhavaprakash Nighantu.(In: K.C Chunekar, edited by G.S Pandey). Reprint Edition. Varanasi: Chaukhamba Bharati Academy; 2015.
- Ashwatha M. A Critical Review on Multifold Potentiality of Prakeshepa Dravyas i Ayurveda Dosage forms. Journal of Ayurveda and Integrated Medical Sceinces. 2017 Vol 2 (4); 200-6
- Sharangdhara Acharya. Sharangdhara Samhita.(Translated by Dr. P Himasagara Chandra Murthy). Madhyam Khanda, Chapter 8, Avaleha;(1-4) Reprint Edition. Varanasi: Chowkhamba Sanskrit Series Office; 2013. p 192-193
- The Ayurvedic Formulary of India. Part-1. 2<sup>nd</sup> Edition. New Delhi: Government of India, Ministry of Health & Family Welfare. Department of Indian Systems of Medicine & Homeopathy; 2003 p33.
- Keshava DV, Baghel MS. Pharmacognostical and phytochemical evaluation of Agastya Haritaki Rasayana - a compound ayurvedic formulation Journal of Ayurveda and Holistic Medicine, 2014; 2(5):4-10
- 29. Sushruta. Susruta Samhita. Nibhandasamgraha Commentary of Sri Dalhanacharya & the Nyachandriaka Panjika of Sri Gayadasacharya(Edited by Vaidya Jadavji Trikamji Acharya & Narayan Ramacharya Kavyatirtha). Sutra sthana, 46<sup>th</sup> Chapter Annapanavidhi adhyaya. (519) Reprint Edition. Varanasi: Chaukhambha Sanskrit Sansthan; 2010. p 252.
- Bhavamishra. Bhavaprakash. Edited by Vidyoniti Hindi Commentary, Notes & Appendix by Sri Brahmasankara Mishra & Rupalalaji Vaisya. First Part. 6th Chapter, Mishraka prakarana. (204) Reprint Edition. Varanasi: Chaukhamba Sanskrit Bhavan; 2013. p- 189.
- 31. Vagbhata. Astangahrdaya. with the commentarites Sarvangasundara of Arundatta & Ayurvedarasayan of Hemadri. Annoted by Dr Anna Moreswara Kunte, edited by Pt. Sadasiva Sastri Paradakara. Uttar sthana, 39th Chapter Rasayanavidhi Adhyaya(18), Reprint Edition. Varanasi: Chaukhambha Sanskrit Santhan; 2012. p-923.
- Bhavamishra. Bhavaprakash. Edited by Vidyoniti Hindi Commentary, Notes & Appendix by Sri Brahmasankara Mishra & Rupalalaji Vaisya. First Part. 6th Chapter, Mishraka (203) Reprint Edition. Varanasi: Chaukhamba Sanskrit Bhavan; 2013. p- 189.
- 33. Sushruta. Susruta Samhita. Nibhandasamgraha Commentary of Sri Dalhanacharya & the Nyachandriaka Panjika of Sri Gayadasacharya(Edited by Vaidya Jadavji Trikamji Acharya & Narayan Ramacharya Kavyatirtha). Sutra sthana, 42<sup>th</sup> Chapter Rasavisesha vijyaniya Adhyaya. (9/4). Reprint Edition. Varanasi: Chaukhambha Sanskrit Sansthan; 2010. p 185-6.
- 34. Sushruta. Susruta Samhita. Nibhandasamgraha Commentary of Sri Dalhanacharya & the Nyachandriaka Panjika of Sri Gayadasacharya(Edited by Vaidya Jadavji Trikamji Acharya & Narayan Ramacharya Kavyatirtha). Sutra sthana, 42th Chapter Rasavisesha vijyaniya Adhyaya. .(10) Reprint Edition. Varanasi: Chaukhambha Sanskrit Sansthan; 2010. p 186.
- Agnivesha. Charaka Samhita. Revised by Charaka & Dridhbala with the Ayurveda- Deepika commentary of Chakrapanidutta. Edited by Vaidya Jadavji Trikamji Acharya. Sutra stana, 26th

- Chapter, Atreyabhadrakapya Adhayaya.(42). Reprint Edition. Varanasi: Chaukhambha Prakashana; 2013. p.144-5
- 36. Agnivesha. Charaka Samhita. Revised by Charaka & Dridhbala with the Ayurveda- Deepika commentary of Chakrapanidutta. Edited by Vaidya Jadavji Trikamji Acharya. Sutra stana, 2<sup>nd</sup> Chapter, Apamargatanduliya Adhayaya. (17) Reprint Edition. Varanasi: Chaukhambha Prakashana; 2013. p25- 26
- Vagbhata. Astanga samgraha. Commented by Kabraj Atrideva Gupta. Sutra stana, 17<sup>th</sup> Chapter, Dravyadi Vijnaniya Adhyaya. (16) Reprint Edition. Varanasi: Krishnadas Academy; 1993. p 143
- 38. Sushruta. Susruta Samhita. Nibhandasamgraha Commentary of Sri Dalhanacharya & the Nyachandriaka Panjika of Sri Gayadasacharya(Edited by Vaidya Jadavji Trikamji Acharya & Narayan Ramacharya Kavyatirtha). Vol II, Uttara sthana, 40<sup>th</sup> Chapter Atisaara pratisheda vijyaniya Adhyaya. (166). Reprint Edition. Varanasi: Chaukhambha Sanskrit Sansthan; 2010. p 709
- Vagbhata. Astanga samgraha. Commented by Kabraj Atrideva Gupta. Sutra stana, 17th Chapter, Dravyadi Vijnaniya Adhyaya. (21) Reprint Edition. Varanasi: Krishnadas Academy; 1993. p143-4.
- 40. Sushruta. Susruta Samhita. Nibhandasamgraha Commentary of Sri Dalhanacharya & the Nyachandriaka Panjika of Sri Gayadasacharya(Edited by Vaidya Jadavji Trikamji Acharya & Narayan Ramacharya Kavyatirtha). Sutra sthana, 42<sup>th</sup> Chapter Rasavisesha vijyaniya Adhyaya. (9/5) Reprint Edition. Varanasi: Chaukhambha Sanskrit Sansthan; 2010. p 185-6.
- 41. Bhavamishra. Bhavaprakash. Edited by Vidyoniti Hindi Commentary, Notes & Appendix by Sri Brahmasankara Mishra & Rupalalaji Vaisya. First Part. 6<sup>th</sup> Chapter, Mishraka prakarana. (202-3) Reprint Edition. Varanasi: Chaukhamba Sanskrit Bhavan; 2013. p- 189.
- 42. Agnivesha. Charaka Samhita. Revised by Charaka & Dridhbala with the Ayurveda- Deepika commentary of Chakrapanidutta. Edited by Vaidya Jadavji Trikamji Acharya. Cikitsa stana, 8<sup>th</sup> Chapter, Rajyakshmacikitsham Adhyaya. (31). Reprint Edition. Varanasi: Chaukhambha Prakashana; 2013. p.584
- 43. Agnivesha. Charaka Samhita. Revised by Charaka & Dridhbala with the Ayurveda- Deepika commentary of Chakrapanidutta. Edited by Vaidya Jadavji Trikamji Acharya. Sutra stana, 26<sup>th</sup> Chapter, Atreyabhadrakapya Adhyaya. (43/1) Reprint Edition. Varanasi: Chaukhambha Prakashana; 2013. p.144
- 44. Vagbhata. Astangahrdaya. with the commentarites Sarvangasundara of Arundatta & Ayurvedarasayan of Hemadri. Annoted by Dr Anna Moreswara Kunte, edited by Pt. Sadasiva Sastri Paradakara. Uttar sthana, 1st Chapter Ayushkamiya Adhyaya (18), Reprint Edition. Varanasi: Chaukhambha Sanskrit Santhan; 2012. p-12.
- 45. Sushruta. Susruta Samhita. Nibhandasamgraha Commentary of Sri Dalhanacharya & the Nyachandriaka Panjika of Sri Gayadasacharya(Edited by Vaidya Jadavji Trikamji Acharya & Narayan Ramacharya Kavyatirtha). Sutra sthana, 46<sup>th</sup> Chapter Annapanavidhi adhyaya. (516) Reprint Edition. Varanasi: Chaukhambha Sanskrit Sansthan; 2010. p 252.
- 46. Agnivesha. Charaka Samhita. Revised by Charaka & Dridhbala with the Ayurveda- Deepika commentary of Chakrapanidutta. Edited by Vaidya Jadavji Trikamji Acharya. Sutra stana, 26<sup>th</sup> Chapter, Atreyabhadrakapya Adhyaya. (59) Reprint Edition. Varanasi: Chaukhambha Prakashana; 2013. p.146