

## Ritu Haritakee – A Rejuvenator

#### **Review article**

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#### Abstract

Mankind has been more concerned about their health, protection from evils of diseases and suffering since the dawn of civilization. Since then he believed that, nature alone could help in conquering these afflictions and he sought remedies in nature i.e., in Plants, Minerals and Animals. *Haritakee (Terminalia chebula. retz)* is one of commonest and easily available medicine, which is generally used in various forms along with other two *dravyas* like *Amalaki* and *Vibhitaki* by the folklore. Among the earlier references, *Panini* described it for the management of dysurea, anurea, constipation (*mootra purisha nirodha*) and *Rasayana karma* (rejuvenative effect). Here an attempt has been made to collect the available literary data related to *Haritakee* with respect to its *rasayana* (rejuvenative property) effect.

Key Words: Haritakee, Terminalia chebula Retz, Ritu, Rasayana, Anupana, Rejuvenator.

#### Introduction:

Human passion on herbal medicine dated back to time immemorial. As we are aware, the very survival of animal kingdom is dependent of plant kingdom. Plants play major role in the pharmacotherapy in day to day life. *Vedic* literature indicates mainly about the utility of single herbs in the management of different ailments [1].

Haritakee (Terminalia chebula retz) is one of the important as well as commonest herbs used by folk, household and traditional medicine. Its fruit rind is used in medicine; it is one of the ingredients of triphala i.e, Haritakee, Vibhitaki and Amalaki [2]. Haritakee with different Anupana (vehicle) yields rejunative effect

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# (I) Review on ritu: Definition:

Which is in a tendency to move continuously in a cyclic manner is called as *ritu* (seasons). The period of one year is divided into six *ritus- Shishira (winter season), Vasanta (spring season), Grishma* (summer season), Varsha (rainy season), Sharada (autumn season), and Hemanta (winter season). Tikta (bitter), Kashaya (astringent), Katu (pungent), Amla (sour), Lavana (salt), Madhura (sweet) tastes are predominated in food and medicines in respective seasons[5].

According to the intensity of sun rays, these six seasons are divided into two groups such as;

1. Adaana kaala (debilitating period) 2. Visarga kaala (strengthening period).



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According to purificatory therapy, these are grouped in two groups as follows;

- 1. Sadharan ritu (General seasons) - Pravrita, Sharada, Vasanta ritu.
- 2. Vishistha ritu (specific seasons) -Hemanta, Grishma, Varsha ritu.

Predominance of *Guna*, *Rasa*, and *Bala* in *Adaana kala* is given in following table [6]:

Ritu of	Guna	Rasa	Bala
Adana kala	(propertie s)	(taste)	(strength)
Shishir	Alpa	Tikta	Uttama
a ritu	Rukshata	(Bitter)	bala
(winter	(Mild		(Superior
season)	dryness)		strength)
Vasant	Madhyam	Kashaya	Madhyam
a <i>ritu</i>	a	(Astringen	a bala
(spring	Rukshata	<i>t)</i>	(medium
season)	(Moderate		strength)
	dryness)		
Grishm	Atirukshat	Katu	Durbala
a ritu	a	(pungent)	(inferior
(summe	(Excess		strength)
r	dryness)		
season)			

## Predominance of *Guna*, *Rasa*, and *Bala* in *visarga kala* is given in following table [7]:

<i>Ritu</i> of	Guna	Rasa	Bala
visarga			
kala			
Varsha	Alpa	Amla	Durbala
ritu	snigdhata	(Sour)	(Inferior
(rainy	(Mild		strength)
season)	unctuousne		
	ss)		
Sharad	Madhyama	Lavana	Madhya
aa ritu	snigdhata	(salt)	ma bala
(autum	(Moderate		(Medium
n	unctuousne		strength)
season)	ss)		
Hemant	Snigdhata	Madhu	Uttama
a ritu	(Excess	ra	bala
(winter	unctuousne	(sweet)	(Superior
season)	ss)		strength)

## Effect of Ritu on dosha:

According to the *sanchaya* (accumulation), *prakopa* (aggravation) and *prashamana* (mitigation) of the *dosha*, the *Shishira* and *Hemanta ritus* seems to be similar. Hence these two *ritus* are explained in single *ritu* i.e. *Hemanta ritu* [8].

Dosha	Sanchaya	Prakopa	Prasham
			ana
Vata	Grishma	Varsha	Sharada
Pittta	Varsha	Sharada	Hemanta
Kapha	Shishira /	Vasanta	Grishma
	Hemanta		

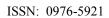
#### I) Review on *Haritakee*:

<b>Gana:</b> <i>Prajasthapana, Jwaraghna,</i>
Kushtaghna, Kasaghna, Arshoghna.
(Charaka) ; Triphala, Amalakyadi,
Parushakadi, (Sushruta.)
Latin name: Terminalia chebula retz.
Family: Combretaceae.
Kula: Haritakee kula.
Synonyms: Haimavati, Shiva, Pathya,
Abhaya, Kayastha, Shreyasi, Chetaki,
Amrita, Vijaya etc.
Vernacular names:
Hindi: Harad,
Marathi: Hirada,

Tamil: Kadukkai, Telagu: Karakkai, Kannada: Alalekayi, English name: Myrobalans, Chebulic

myrobalan.







#### **Morphology:**

It is a large perennial tree, which grows up to 30-40 feet height. Phyllotaxy: Alternate. Leaf: simple, petiolated, aggregated at the tip of the branches, leathery, obovate/ oblong -ovate, acute, wavy margins, having a glandular structure at base of leaf. Inflorescences: Axillary and terminal spike. Flower: bisexual. Complete, regular. Fruit: Obovoid or ellipsoidal more or less five ribbed when dry.

**Habitat**: Abundant in Northern India, also occurs in Bihar, West Bengal, Assam, Central and South India.

**Chemical constituents**: Anthraquinone Glycoside, Chebulinic acid, Tannic acid, Terchebin, Vit C, Arachidic, Behenic, Lindic, Oleic, Palmatic, Stearic acids[9].

#### Types of Haritakee:

Acharya I	Bhavaprakasha	mentioned	7
types of Ha	<i>aritakee</i> , such as	[10]	

Types	Swaroo	Habitat	Uses
Types		Habitat	USES
	pa of		
	fruits		
Vijaya	Oval in	Vindhya	Sarvaroga
	shape		(Cures all
			diseases)
Rohini	Round	Every	Vrana
	in	where	(Wound
	shape		healing)
Putana	Small	Sindha	Pralepa
	and less		(used for
	bulky		applicatio
			n)
Amruta	Bulky	Champa	Shodhana
		desha	(for
			purificatio
			n)
Abhaya	Fruit	Champa	Netra
	has five	desha	roga (eye
	lines on		diseases)
	it.		
Jeevant	Yellow	Saurasht	Sarvaroga
i	in	ra	(Cures all
-	colour		diseases)

Chetaki	Having	Himacha	Rechaka
	three	la	(purgative
	lines		)

However in practice three variety of *Haritakee* are found [11].

- (1) Bala Haritakee
- (2) Chambhari- Rangari Haritakee
- (3) Survari Haritakee

#### Grahya laxanas of Haritakee:

A fruit of *Haritakee* which sinks in water, which is fresh, smooth, bulky, round in shape and weighs at least 26 grams is considered ideal for medicinal use [12].

#### Rasa panchaka of Haritakee:

Guna: - Laghu, Ruksha Rasa : - Kashaya pradhana Lavana varjita pancha rasa . Virya:- Ushna Vipaka:- Madhura Prabhava:- Tridoshahara, patyakara.

# *Rasa* predominance in different parts of *Haritakee*:

Phalamajja:- *madhura*, Fibersamla, Vrunta – tikta, Twacha- katu, Asthikashaya.

## Karma: -

acts as *tridosha* shamaka It (mitigates vata, pitta, kapha). Shothahara inflammatory), chakshushya (anti-(beneficial eves). for mukharogahara(cures oraldiseases), balva (strengthening), deepana (appetizer), paachana vatanulomana (digestant), (carminative), vruna ropana (wound healing), yakrita pleeha uttejaka (hepatoprotective), kasa swasahara (cures cough & breathlessness), hikka (cures hiccough), mootrala (act as diuretic), rasayana (rejuvenator), vajikara (aphrodisiac).

## Vishistha yoga:

Abhaya aristha, Pathyadi kwatha, triphala churna, T. ghrita, chitraka Haritakee [13].



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#### **Restorative effect: -**

*Haritakee* acts as a rejuvenator (by cleaning various malas). But for producing its *rasayana* effect, it needs various supportive *dravyas* in different seasons in the form of *anupana* (vehicle).

Varsha: - saindhava (rock salt-Sodium chloride) Sharada: - sharkara (sugar candy) Hemanta:- shunthi (dry ginger) Shishira:- pippali (piper longum) Vasanta: - madhu (honey) Grishma: - guda (jaggery) [14].

## *Rasa*, *Guna*, virya, Vipaka and karmas of *Haritakee Anupanas* [21]

r		e Anupan			I
Dru	Ras	Guna	Vi	Vip	Karma
gs	a		ry	aka	
			a		
Sain	Lav	Laghu,	Sh	Mad	Tridosha
dhav	ana	tikshna,	eet	hur	hara,
а		snigdh	a	а	Rochaka
lava		а			,
na					Deepana
Shar	Mad	Guru,	Sh	Mad	VataPitt
kara	hur	Snigdh	eet	hur	ashamak
	а	а	a	а	а
					brumhan
					а,
Shun	Kat	Laghu,	Us	Mad	Vata
thi	и	Snigdh	hn	hur	Kapha
		а	a	а	shamaka
					Deepana
					,
					Vrushya.
Pipp	Kat	Laghu,	Us	Mad	Kapha
ali	и	snigdh	hn	hur	pitta
		а,	a	а	shamaka
		Teeksh			Deepana
		na			,
					Vrushya.
Mad	Mad	Laghu,	Sh	Mad	Tridosha
hu	hur	ruksha	eet	hur	shamaka
	а		a	a	Deepana
	Kas				, Balya.
	hay				
	а				
Gud	Mad	Guru,	Sh	Mad	Tridosha
а	hur	snigdh	eet	hur	shamaka
	а	а	а	а	, balya

Useful part: - Phala (fruit).

**Matra:** -3-10gms of *Haritakee choorna* (powder), empty stomach in the morning with *anupana*.

### II) Rasayana:

*Rasayana* is defined as a therapy which ameliorates *jaraa* (senility), and *vyaadhi* (disease) [15].

Acharya Charaka explicitly stated that Rasayana imparts dirghayu (long life), smriti (memory), medha (intellectual power), arogya (healthy state of body & mind), taruna (youth), prabha (complexion), varna (colour), swarya (good for voice), dehabala (body strength), indriya bala (strength to sensory organs), vaksiddi, etc [16].

There are three types of *Rasayana* in practice such as

a)	Medhya	Rasayana	—
Sank	hapushpi,	Mandukapar	ni,
Gudi	uchi etc.		
<i>b)</i>	Doshaghna	Rasayana	_
Bhal	lataka, Hareet	aki etc.	

c) Dhatu Rasayana

Ashwagandha, Amalaki etc [17].

#### iii) Anupana(vehicle) : Paribhasha:

Anupana (vehicle) is defined as the pana (drink) which is taken immediately after ahara (food), oushadha anga and oushadha yoga (medicines) [18].

#### Anupana karmukata:

As the oil added to water spreads quickly on the surface of water, so the *oushadha* (medicine) along with the *Anupana* spreads in the body and produces its effect when administered with appropriate *Anupana* [19].

#### **Benefits and Importance of Anupana:**

*Anupana* invigorates, gives contentment, helps in proper movement of food inside, stability of body, softens the consumed food, increases the *kledata (moisture)* and helps in proper digestion of the food [20].



#### Discussion on Ritu Haritakee sevana:

*Haritakee* provides the restorative effect i.e *rasayana* by cleansing the channels of body. But for producing the *rasayana* effect it needs various supportive *dravyas* in different *ritu* such as;



In Varsha ritu  $\rightarrow$  Haritakee + saindava lavana, In Sharada ritu  $\rightarrow$  Haritakee +sharkara In Hemanta ritu  $\rightarrow$  Haritakee + shunti, In Shishira ritu  $\rightarrow$  Haritakee + pippali In Vasanta ritu  $\rightarrow$  Haritakee + madhu, In Grishma ritu  $\rightarrow$  Haritakee + guda.

# Effect of *Haritakee* with *Saindava lavana* on *dosha, agni, bala* in *varsha ritu*.



Varsha ritu (rainy season); is first season of visarga kala (debilitating), during which alpa rukshata (mild roughness), amla rasa (sour taste) are predominant. Agni *(digestive power)* becomes *irregular*. Bala (strength) of the is less. Due to *mandagni* person (decreased digestive energy) and excess cold, sanchaya (accumulation) of pitta dosha and prakopa (aggravation) of vata takes place.

The lavana rasa (salt taste) is formed in sharada ritu (autumn season), but its utility is best during varsha ritu (rainy season) to tackle aggravated vata. *Haritakee* with *saindava lavana(rock salt)* brings the sanchita pitta (accumulated pitta) to equilibrium state due to laghu Guna (lightness) and madhura vipaka of both Haritakee and saindhava lavana. Saindhava lavana acts as vata shamaka due to its lavana rasa, snigdha guna (unctuousness), and madhura vipaka (post digestion). Haritakee acts as vata shamaka due to the madhura, amla rasa, ushna virya and madhura vipaka. When the vata and *pitta* are brought to their equilibrium state, they ultimately enhance the agni (metabolism), which is impaired due to vata prakopa (aggravation of vata) and pitta sanchaya (accumulation of pitta), Haritakee and saindhava act as appetizer, digestant, and restore the strength of the person by its madhura vipaka.

# Effect of *Haritakee* with sharkara on *dosha, agni, bala* in *Sharada ritu*.



Sharada ritu (autumn season) is second ritu (season) of visarga kala, comes under the sadharana ritu. During which madhyama snigdha (mild unctuousness) and lavana rasa (salt taste) are predominant. Agni (digestion) becomes teeekshna (increased), Bala (strength) of the person is madhyam (moderate), due to predominance of snigdha guna, lavana rasa.

Haritakee with sharkara (sugar candy) does purification of provoked pitta, due to its snigdha Guna (unctuousness), madhura rasa (sweet taste) and vipaka (post digestion). By this the pitta gets purified.



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When the *pitta dosha* is purified, it restores the strength and digestive capacity of the person. *Madhura rasa, madhura vipaka and sheeta virya* of *sharkara* prevent the further vitiation of the *pitta*. Along with this they help in mitigating *shamana rupi vata (which are under mitigating stage)*, due to their snigdha *Guna, madhura rasa* and vipaka. The ushna virya of *Haritakee* mitigate the *vata*.

# Effect of *Haritakee* with *Shunti* (*Gingeber officinale*) on *dosha*, *agni*, *bala* in *Hemanta ritu*.



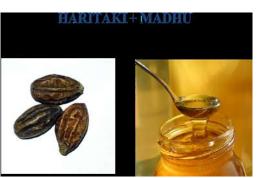
Hemanta ritu (winter season) is the last season of visarga kala, during which the snigdha Guna and madhura rasa are predominant. In this season the strength of the person is good, the *pitta* is in mitigating state and kapha at its accumulating stage. It mitigates the kapha at its accumulating stage and prevents aggravation, due to ushna virya (hot potency), katu, tikta, kashaya rasa (pungent, bitter, astringent taste), laghu, ruksha Guna (lightness, dryness) of Haritakee and shunti (ginger). Along with this it helps to bring back the pitta to equilibrium state by its madhura vipaka. Due to its ushna virya it stiumulate the agni which get impaired during vitiation of pitta.

Effect of *Haritakee* with *Pippali (Piper longum)* on *dosha*, *agni*, and *bala* in *Shishira ritu*.



Shishira ritu (winter season) is first season of the adana kala (strengthening season), during this period the intensity of sun rays will gradually increase, along with this ruksha Guna (dryness) also increases and strength of person gradually decreases due to excess coldness. The accumulation of *kapha* takes place in this season. To mitigate the accumulated kapha, Haritakee should be taken with piper longum fruit, as it is good sleshmahara (kapha mitigate), due to its katu rasa (pungent taste), laghu, tikshna Guna *(lightness*) and penetrating properties) and ushna virya. Apart from this it also brings the shamana rupi pitta to its equilibrium state. By this it maintains the equilibrium status of the *dosha* leading agni samyata, dhatu samyata to (equilibrium state of *agni* and body tissue) and ultimately leads to Rasayana karma.

Effect of *Haritakee* with *Madhu* (Honey) on *dosha*, *agni* and *bala* in *Vasanta ritu*.



Vasanta ritu (spring season) is first ritu of visarga kala, comes under



sadharana ritu. During this ritu, ahara and oushadha dravyas (food and medicines) are *madhyama rukshata* (moderately dry) and astringent. Hence, strength of person is reduced. The aggravation of kapha takes place in this *ritu*. To mitigate the aggravated kapha, Haritakee should be taken with honey. The laghu, ruksha Guna (lightness and dryness) and kashaya rasa (astringent taste) of Haritakee and madhu help to mitigate kapha. Ushna virya of Haritakee also acts as kaphahara. Because of its madhura vipaka, this combination also acts as rasayana.

# Effect of *Haritakee* with Guda (Jaggery) on *dosha*, *agni*, and *bala* in *Grishma ritu*.



Grishma ritu (summer season) is the last season of Adana kala and comes under visishta ritu. During this season dravyas have atirukshata Guna (excessive dryness) and katu rasa (pungent taste), which considerably reduce the strength of a person. Accumulation of vata and mitigation of kapha will take place in this season. Guru Snigdha Gunas (heaviness and unctuousness) and madhura vipaka of jaggery and usna virva, madhura vipaka of Haritakee helps to prevent the vata sanchaya. By this, it checks vata from moving into further krivakalas (pathological stages). Ushna virya and laghu, ruksha gunas of Haritakee brings the samana rupi kapha to its equilibrium state

Ayurveda describes six different seasons in the year. In each one of them the climatic conditions and weather is of particular nature. These are *- Shishira* (Late Winter), *Vasanta* (Spring), Grishama (Summer), Varsha (Rainy), Sharada (Autumn), Hemanta (Early winter). This Ayurvedic herb is extolled for its effect as a Rasayana therapy. The seasonal use of Terminalia chebula can be one of the cheapest and effective tools to elevate the health, detoxification of the body and keep you free from diseases.

Avurveda clearly advises the daily regime and the seasonal regime. If followed properly, these holistic lifestyle guidelines for diet, exercise, work etc prove to be wonderful could in maintaining good health and keeping the diseases away. This would be some sidetracking from the topic but it might deserve your attention later. In Avurvedic Social and Preventive Medicine, the use of whole body tonic, specific organ or organ system energizers and adaptogenic herbs is praised for becoming healthier. In this regard Ritu Haritakee is a wonderful herb as it offers several benefits as - Being cheap and easily available when stored properly. Good for persons suffering from overweight, diabetes, hypertension, increased lipids and cholesterol in blood and other degenerative disorders as a result of improper nutrition characterized by overeating, eating a lot of oily and fried food, not doing exercises, taking junk foods etc.

It can be taken throughout the year specific substances in different with seasons. It would help in this way not only to maintain health, but to avoid the seasonal disturbances in bodily humors and other common seasonal diseases like diarrhea, cold, cough, flu etc. Besides the adaptogenic effects, it would detoxify the body round the year. As most of the adaptogenic herbs promote only the vital energy, immunity and general health. Hence *Haritakee* with its *Anupana dravvas* in different *ritus* does the shodhan of doshas, brings the impaired agni to its equilibrium state, and maintains the healthy state of *dhatu* and *mala* and leads to rasayana (rejuvenator) karma, by



detoxifying and balancing the bodily humors throughout the year.

### **Conclusion:**

*Ritu Haritakee* acts as preventive, curative, and rejuvenative (*rasayana*) medicine.

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