## **Review Article**



# The Traditional Healing Power of Vidangarishta: A Review of Its Individual Ingredients

Tatiya A.U\*, Jadhav H.M<sup>1</sup>

\* Professor, Dept. of Pharmacognsoy, R.C. Patel Institute of Pharmaceutical Education & Research Shirpur 425405 India. 1 Research scholar, Dept. of Pharmacognsoy, R.C. Patel Institute of Pharmaceutical Education & Research Shirpur 425405 India. \*Corresponding author's E-mail: aniltatiya12170@gmail.com

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#### ABSTRACT

Vidangarishta is a traditional Ayurvedic formulation widely used for its therapeutic properties, particularly in managing gastrointestinal disorders and promoting digestive health. It is primarily made from Vidanga (*Embelia ribes*), a medicinal plant known for its potent anthelmintic (anti-parasitic), antimicrobial, and digestive-enhancing properties. The formulation undergoes a natural fermentation process, which increases its bioavailability and potency. Vidangarishta is commonly used to expel intestinal worms, stimulate appetite, relieve bloating, and detoxify the digestive system. Its ingredients, which include other herbal components like Pippalimoola, Rasna, Kutaja, and Amalaki, work synergistically to improve digestion, balance the body's doshas, and enhance overall gut health. While it is generally safe when used under proper supervision, excessive or unsupervised use may lead to side effects. Vidangarishta stands as an effective and comprehensive herbal remedy for various gastrointestinal conditions, particularly those related to parasitic infections and digestive disorders.

Keywords: Vidangarishta, Vidanga, Therapeutic Actions.

### **INTRODUCTION**

istorically, people have utilized herbal plants for their therapeutic properties to treat and prevent a wide range of illnesses. Ancient texts like the Bible and the Vedas already mention the use of herbal treatments and preparations created from medicinal plants.<sup>1</sup>

Vidangarista is a traditional Ayurvedic formulation that is used extensively in Indian traditional medicine due to its medicinal effects, especially in the treatment of gastrointestinal diseases and enhancement of digestive health.

Primarily made from Vidanga (*Embelia ribes*), this herb is recognized for its antibacterial, anthelmintic (antiparasitic), and digestive qualities. Vidanga (*Embelia ribes*), a plant prized for its strong anthelmintic (anti-parasitic) qualities, is the main component of Vidangarista.

In Ayurveda, vidanga is often used to treat intestinal worm infestations, including roundworm and tapeworm infections. These parasites are successfully paralyzed by its bioactive chemicals, which also drive them out of the body and stop them from returning. Vidanga is recognized to enhance digestion, lessen flatulence, and support general gastrointestinal health in addition to its antiparasitic properties.<sup>2-4</sup>

The product is an arista, a kind of natural fermentationbased Ayurvedic liquid preparation that increases its potency and bioavailability.<sup>5</sup>

In Ayurveda, vidangarista is a well-known herbal tonic used to treat gastrointestinal disorders and support digestive health. Because of the potent antiparasitic properties of its main constituent, Vidangarista relieves indigestion and bloating by clearing the digestive tract and eliminating dangerous intestinal worms. Its preparation involves fermentation, which boosts its effectiveness and guarantees improved body absorption. Frequent usage of Vidangarista promotes intestinal health overall, enhances digestion, and increases appetite. It also acts as a digestive system detoxifier, which makes it a complete treatment for a range of gastrointestinal disorders.<sup>6</sup>

### The Main Purposes of Vidangarista are as Follows:

- Eliminate intestinal worms: This mixture is quite successful in getting rid of parasitic worms like roundworms and tapeworms from the intestines.
- Boost digestion: It activates digestive enzymes, which facilitates improved food breakdown and nutritional absorption.
- Reduce flatulence and bloating: Vidangarista relieves bloating and discomfort in the abdomen by lowering the production of gas in the intestines.
- Stimulate appetite: It works as a tonic to increase appetite and metabolism in situations where there is a loss of appetite or poor digestion.
- Detoxify the digestive system: By cleaning the digestive tract, the formulation aids in the removal of toxins and the avoidance of dangerous material buildup.

**Dosage and Administration:** Vidangarista is liquid preparation consumed after meals. 15–30 ml liquid diluted with the equal volume of water for adults, it may be change according on the patient's age, health, and the symptoms. Consult any licensed Ayurvedic practitioner for details.<sup>5</sup>



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Safety and Side Effects: Vidangarista is usually regarded as safe for most individuals. Diarrhoea or gastritis might be observed in prolonged or excessive use. Diabetes patient, pregnant women, should consult with ayurvedic practitioner before taking vidangarista.5

Preparation Process: The decoction is made by boiling the herbs in water and reduced to a specific amount by boiling it, and then filtered. Jaggery, and dhataki flowers are added in filtered decoction to start the fermentation process for a few days within a closed container. After that, the finished product is kept and purified for medical use. Depending on the manufacturer or the customary preparation technique used by a specific ayurvedic literature, this composition may differ slightly.<sup>5</sup>

Composition of Vidangarishta: According to the classical Ayurvedic text "Ayurveda Sara Sangraha", vidangarishta contains

- 1. Vidanga (Embelia Ribes)
- 2. Pippalimoola (*Piper Longum*)

- 3. Rasna (Pluchea Lanceolata)
- 4. Kutaja (Holarrhena Antidysentrica)
- 5. Indravava (Holarrhena Antidysenteria)
- 6. Patha (Cissampelos Pareira)
- 7. Elavaluka (Prunus Avium)
- 8. Amalaki (Emblica Officinalis)
- 9. Dhatki (Woodfordia Fructicosa)
- 10. Ela (Amomum Subulatum)
- 11. Tvapatra (Cinnamomum Tamala)
- 12. Tvak (Cinnamomum Zeylanicum)
- 13. Priyangu (Callicarpa Macrophylla)
- 14. Kanchanara (Bauhunia Variegata)
- 15. Lodhra (Symplocos Racemosa)
- 16. Shunthi (Zingiber Officinale)
- 17. Maricha (Piper Nigrum)
- 18. Guda <sup>7</sup>

	Table 1. II	igreatents of v	nuangarishta: i	Botanical, Chemical,	and merapeutic	Jverview	
Ingredients	Botanical Name	English Name	Chemical Composition	Therapeutic Uses	Pharmacological Properties	Role in Vidangarishta	Ref
Vidanga	Embelia Ribes	False Black Pepper	Embelin, flavonoids, essential oils	Vātapittaśāmakaṃ Reduces Vata and Pitta doshas Amlapittanāśakaṃ Alleviates acid reflux Ājīrṇāśamakaṃ Aids digestion	Wound Healing, Antibacterial, Anthelmintic, Analgesic, Antioxidant, Antidiabetic, Antifungal, Anti- hyperlipidemic, Contraceptive, Anticonvulsant.	The key ingredient, Vidanga, has potent anthelmintic (anti- parasitic) properties and primarily used to expel intestinal worms. It also improves digestion and boosts metabolism.	8-12
Pippalimoola	Piper Longum	Indian Long Piper	Piperine, piperlongumine, essential oils	Vātašāmakaṃ Reduces Vata dosha Kaphāśāmakaṃ Reduces Kapha dosha Pācanašāmyam Enhances digestive power	Immunomodulatory, Hepatoprotective, Antibacterial, Antimicrobial, Anti- amoebic, Antidiabetic, Anti-tumor, Anti- snake venom, Anthelmintic.	This root enhances digestion by stimulating gastric secretions. It also helps in improving respiratory function and increasing bioavailability of other herbs.	13-15
Rasna	Pluchea Lanceolata	Scented Leave Bush	Flavonoids, essential oils, glycosides	Vātavikārśāmakaṃ Reduces Vata disorders Asthivātaśāmakaṃ Reduces joint pain	Anti-arthritic, Anti- inflammatory, Chemo preventive, Anticancer, Anti- oxidative, Immunosuppressive.	Rasna is helping to relieve joint pain, inflammation, and stiffness, which may also have an indirect impact on metabolism.	16-19
Kutaja	Holarrhena Antidysentrica	Kurchi	Alkaloids (e.g., conessine), saponins, glycosides	Dāhaśāmakaṃ Reduces burning sensation Ākarṣaṇaśāmakaṃ Treats dysentery and diarrhea	Neuroprotective, Acetylcholinesterase inhibitory, Antidiabetic, Antiurolithic, Antibacterial, Anti- inflammatory, Analgesic, Anti- malarial, Anti- diarrhoeal	Known for its strong anti-dysenteric and anti- diarrheal properties, it helps in managing gastrointestinal issues	21-25
Indrayava	Holarrhena Antidysenteria	Indian Willow	Alkaloids, saponins, glycosides	Ākarşaņaśāmakaṃ Treats dysentery Asādhaaraṇaśāmakaṃ General health tonic	Antidiarrheal, Antimicrobial, Anti- inflammatory, Anthelmintic, Antipyretic, Antiamoebic, Antioxidant, Hepatoprotective, Immunomodulatory.	Similar to Kutaja, Indrayava is used to treat digestive disturbances like diarrhoea and intestinal infections.	20-26

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Patha	Cissampelos Pareira	Velvetleaf	Alkaloids (e.g., tinosporine,	Vātapittaśāmakaṃ Reduces Vata and Pitta	Anti-diabetic, Anti- anxiety, Anti-	Patha has antimicrobial, digestive, and anti-	27,28
			cissampeline), flavonoids, glycosides	doshas Amlapittanāśakaṃ Alleviates acid reflux	nociceptive, Anti- arthritic, Anti-fertility, Antioxidant, Anti- asthmatic, Anti- cancer, Anti- inflammatory, Antileukemic.	inflammatory properties. It helps to remove toxins from the GIT	
Elavaluka	Prunus Avium	Sweet Cherry	Anthocyanins, flavonoids, phenolic compounds	Raktšodhakam Blood purifier Amlapittanāšakam Alleviates acid reflux	Antioxidant, Anti- Hyperglycemic, Antigenotoxic, Anticancer, Antimicrobial, Neuroprotective	Elavaluka is a cooling and demulcent agent, used to balance Pitta and help in soothing inflammation of the digestive system.	29,30
Amalaki	Emblica Officinalis	Indian Gooseberry or Amla	Vitamin C, tannins, flavonoids, alkaloids	Rāsyanam Rejuvenative Vātapittaśāmakam Reduces Vata and Pitta doshas Amlapittanāśakam Alleviates acid reflux	Cardioprotective, Anti-ulcer, Antioxidant, Antipyretic, Analgesic, Antitussive, Gastroprotective, Antimutagenicity	Amalaki, a rich source of Vitamin C, is a powerful antioxidant that supports digestion, boosts immunity, and promotes detoxification. It helps to balance all three doshas—Vata, Pitta, and Kapha.	31-33
Dhatki	Woodfordia Fructicosa	Flame of the Forest	Flavonoids, tannins, essential oils	Vātapittaśāmakaṃ Reduces Vata and Pitta doshas Dāhaśāmakaṃ Reduces burning sensation	Antimicrobial, Hepatoprotective, Cardioprotective, Antioxidant, Antiulcer, Anti-fertility, Analgesic, Wound healing, Antihyperglycemic.	Dhatki is used for its fermenting properties in many Ayurvedic asava- arishta 's formulations,	34
Ela	Amomum Subulatum	Cardamom	Essential oils, flavonoids, terpenoids	Vātapittaśāmakaṃ Reduces Vata and Pitta doshas Pācanaśāmyam Enhances digestive power	Anti-inflammatory, As Antidote, Anti- ulcerogenic, Analgesic, Laxative, Anti-Depressant, Anti-Diarrhoeal, Anti-Carminative, Antioxidant, Antimicrobial, Hepatoprotection.	Known for its digestive, carminative, and antispasmodic properties, Ela helps to relieve bloating and indigestion while also promoting good appetite.	35
Tvapatra	Cinnamomum Tamala	Tejpatta or Bay Leaf	Essential oils, cinnamaldehyde, eugenol	Vātapittaśāmakaṃ Reduces Vata and Pitta doshas Pācanaśāmyam Enhances digestive power	Antimicrobial, Antidiabetic, Antioxidant, Hypolipidemic, Anticancer, Cardioprotective, Gastroprotective.	Tvapatra, is used for its carminative properties to relieve flatulence, improve digestion, and boost appetite.	36,37
Tvak	Cinnamomum Zeylanicum	Cinnamon or Ceylon Cinnamon	Essential oils, cinnamaldehyde, eugenol	Vātapittaśāmakaṃ Reduces Vata and Pitta doshas Pācanaśāmyam Enhances digestive power	Anti-HIV, Antianxiety, Antidepressant, Anti- Parkinson, Spasmolytic, Cardiovascular, Antidiabetic, Antidiabetic, Anticancer, Anti- inflammatory, Antioxidant.	It helps to improve digestion and stimulates the digestive fire (Agni). It also has antimicrobial properties.	38
Priyangu	Callicarpa Macrophylla	Large-leaved Beautyberry	Flavonoids, phenolic compounds, essential oils	Vātapittaśāmakaṃ Reduces Vata and Pitta doshas Raktśodhakaṃ Blood purifier	Antibacterial, Antidiabetic, Analgesic, Antipyretic, Anti-Arthritic, Antifungal, Anti-Inflammatory.	This herb is known for its cooling properties and is used to pacify the Pitta dosha, which in turn helps with inflammatory conditions and digestive disturbances.	39



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Kanchanara	Bauhunia Variegata	Orchid Tree or Purple Bauhinia	Flavonoids, glycosides, saponins	Vātaśāmakaṃ Reduces Vata dosha Kaphāśāmakaṃ Reduces Kapha dosha	Antioxidant, Anti-inflammatory, Antidiabetic, Anticancer, Immunomodulatory, Hypolipidemic, Nephroprotective, Hepatoprotective.	Kanchanara is beneficial for treating glandular swellings and tumors, and also aids in detoxification processes, supporting liver function.	40,41
Lodhra	Symplocos Racemosa	Lodhra Tree	Flavonoids, tannins, glycoside:	Kaphāśāmakaṃ SReduces Kapha dosha Vātapittaśāmakaṃ Reduces Vata and Pitta doshas	Anti-acne, Analgesic, anti- inflammatory, Antioxidant, Antibacterial, Anticancer, Anthelmintic	Lodhra has astringent property and useful in treating inflammatory conditions related to the digestive and reproductive systems.	46
Shunthi	Zingiber Officinale	Ginger	Gingerol, shogaol, essential oils	Vātapittaśāmakam Reduces Vata and Pitta doshas Pācanaśāmyam Enhances digestive power	Gastrointestinal relief Anti-Inflammatory, hyperglycemic, Antioxidant, Antimicrobial, Anti- cancer, Anti-diabetic, Antipyretic, Hepato- protective.	Dry ginger enhances digestion, relieves nausea, and improves the absorption of nutrients. It also has anti-inflammatory properties.	42,43
Maricha	Piper Nigrum	Black Pepper	Piperine, essentia oils, alkaloids	Vātapittaśāmakam Reduces Vata and Pitta doshas Pācanaśāmyam Enhances digestive power	Antioxidant, Antibacterial, Antimicrobial, Anticancer, Cytotoxicity effect, Insecticidal effect, Antimutagenic, Antimutagenic, Antidiarrhoeal, Anti-platelet.	Black pepper stimulates digestion, helps relieve bloating, and enhances the bioavailability of other ingredients, making the formulation more effective.	44,45
Guda	Jaggery					Jaggery is used as a base for fermentation in Ayurvedic asavas and arishtas like Vidangarishta. It also provides a mild laxative effect and balances Vata and Pitta doshas.	5

# **Structure of Active Constituents**

# Table 2: Herbal Crude Drugs and Their Active Constituents: Structures and Key Compounds

Name of herbal crude drugs	Active Constituent	Structure of Active Constituents	
Vidanga (Embelia ribes)	Embelin	но он	8
Pippalimoola ( <i>Piper longum</i> )	Piperine		13
Rasna (Pluchea lanceolata)	Betulinic Acid	HO HO HO HO HO HO HO HO HO HO HO HO HO H	16



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Kutaja & Indrayava (Holarrhena antidysentrica)	Conessine		20,21
Patha (Cissampelos pareira)	Tetrandrine	$H_3C-N$ (S) $H_3C$ (CH3 $H_3C$ (CH3 $H_3C$ (CH3 $H_3C$ (CH3 $H_3C$ (CH3 $H_3C$ (CH3) $H_3C$ (C	27
Elavaluka ( <i>Prunus avium</i> )	Anthocyanins	$R^{7} \xrightarrow{7} \underset{R^{6}}{\overset{8}{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{$	29
Amalaki (Emblica officinalis)	Ascorbic Acid		31
Dhatki (Woodfordia fructicosa)	Quercetin		34
Ela (Amomum subulatum)	Terpineol	ОН	35
Tvapatra & Tvak (Cinnamomum tamala & Cinnamomum zeylanicum )	Cinnamaldehyde	H	36,38
Priyangu (Callicarpa macrophylla)	Tannins		39



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# CONCLUSION

"The Traditional Healing Power of Vidangarishta" highlights the therapeutic benefits of Vidangarishta, particularly its effectiveness in treating gastrointestinal disorders, improving digestion, and expelling intestinal worms. Vidangarishta is a classical Ayurvedic formulation known for its bioavailability and potency, which is enhanced through natural fermentation. Its main ingredient, vidanga (Embelia ribes), is well-regarded for its antiparasitic and digestive properties. The preparation not only improves digestion and relieves bloating, but also detoxifies the digestive tract, making it a comprehensive remedy for gut health. However, it should be used with proper medical supervision to avoid side effects, and its dosage must be tailored to the individual's needs. In summary, Vidangarishta serves as a potent Ayurvedic remedy for maintaining gastrointestinal health and treating parasitic infections.

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