

A REVIEW OF IRIMEDADI TAILAM: COMPOSITION AND THERAPEUTIC EFFICACY

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ABSTRACT

Irimedadi Taila is a classical Ayurvedic formulation extensively utilized in the management of oral disorders (*mukhagata roga*). It is prepared through the traditional *sneha paka* method using herbs predominantly exhibiting *kashaya* (astringent), *tikta* (bitter), and *katu* (pungent) tastes, thereby targeting *kapha* and *rakta* vitiations within the oral cavity. The formulation is traditionally indicated for therapeutic procedures such as *gandusha* (oil holding) and *kavala kriya* (gargling), which are considered essential components of *dinacharya* (daily routine) for maintaining oral hygiene and preventing dental pathologies. From an Ayurvedic perspective, most of the oral disorders stem from the imbalance of *kapha* and *rakta* doshas, often aggravated by *ama* (metabolic toxins) or external infections, occasionally manifesting as symptoms resembling *mukhagata visha lakshana*. Irimedadi Taila exerts *shodhana* (detoxifying), *shamana* (pacifying), and *ropana* (healing)

actions, rendering it effective in the management of a wide spectrum of oral conditions,

including bleeding gums, gingivitis, stomatitis, ulcers, and necrotic lesions. This article aims to provide a comprehensive overview of the formulation, its pharmacodynamic profile, and its therapeutic potential in both uncomplicated and complex oral conditions from the Ayurvedic perspective.

KEYWORDS: *Irimedadi Taila*, *mukhagata roga*, *gandusha*, *kavala*, gingivitis, stomatitis.

INTRODUCTION

In Ayurvedic medicine, oral health is intricately associated with the equilibrium of *doshas*, particularly *kapha* and *rakta*, which govern the structural integrity and physiological functions of the oral cavity. Derangement of these *doshas*, owing to improper dietary habits, lifestyle irregularities, or systemic pathology, leads to a variety of *mukhagata rogas* (oral disorders), such as *dantashoola* (toothache), *dashana mamsa roga* (gum diseases), and *mukha paka* (oral mucositis), among others. Classical texts have highlighted the significance of daily oral hygiene practices like *gandusha* and *kavala* using medicated oils for both preventive and therapeutic purposes.

Irimedadi Taila is a renowned and time-tested medicated oil described in authoritative Ayurvedic texts including the *Ashtanga Hridaya*. It comprises a synergistic blend of herbal ingredients such as *Irimeda* (*Acacia farnesiana*), *Yashtimadhu* (*Glycyrrhiza glabra*), *Manjishtha* (*Rubia cordifolia*), and *Triphala*, all processed in *tila taila* (sesame oil). These herbs are known to possess *rakta shodhana* (blood purifying), *krimighna* (antimicrobial), *vedana sthapana* (analgesic), and *vrana ropana* (wound healing) properties.

Although its role in common dental ailments is well documented, *Irimedadi Taila* has also demonstrated efficacy in managing more severe oral pathologies characterized by features of *mukhagata visha lakshana* such as offensive oral ulcers, inflamed or necrotic gingival tissues, and pigmentation anomalies suggestive of deeper *dosha dushti* or *ama* accumulation at the *mukha marma* level. In such cases, the formulation serves not only to pacify the aggravated doshas, but also to eliminate local visha (toxins) and promote mucosal healing and tissue regeneration.

This article endeavors to systematically explore the formulation, preparation methodology, Ayurvedic pharmacological properties (*guna*, *virya*, *vipaka*), and its clinical applicability, with an emphasis on its multidimensional role in the management of both routine and

complex oral conditions, thereby highlighting its importance within the Ayurvedic therapeutic framework.

Drug review

Irimejadi taila in different Samhitas

इरिमेदाद्यं तैलम्-मुखदन्तरोगे -

इरिमेदत्वक्पलशतमभिनवमापोथ्यखण्डशः कृत्वा । तोयाढकैश्चतुर्भिर्निक्वाथ्य चतुर्थशेषेण ॥

क्वाथेन तेन

मतिमांस्तैलस्याढिकंशनैर्विपचेत् । कल्कैरक्षसमांशैर्मञ्जिष्ठालोध्रमधुकानाम् ॥

इरिमेदखदिरकट्फललाक्षान्यग्रोधमुस्तसूक्ष्मैला

कर्पूरागुरुपद्मकलवङ्गकक्कोलजातीफलानाम् ॥

पतङ्गगैरिकवराङ्गगजकुसुमधातकीनाञ्च ।

सिद्धं भिषग्विदध्यादिदं मुखोत्थेषु रोगेषु ॥

परिशीर्णदन्तविद्रधिशैशिरशीताददन्तहर्षेषु ।

कृमिदन्तदालनचलितप्रहृष्टमांसावशीर्णेषु ॥

मुखदौर्गन्धेषु कार्यं प्रागुक्तेष्वामयेषुतैलमिदम् ॥

चक्रदत्त (43-47)^[1], भै. र. (136-140)^[2]

इरिमेदत्वचं क्षुण्णां पचेच्छतपलोन्मिताम् ।

जलद्रोणे ततः क्वाथं गृहणीयात्पादशेषितम् ॥

तैलस्यार्धाढकं दत्त्वा कल्कैः कर्षमितैः पचेत् ।

इरिमेदलवङ्गाभ्यां गैरिकागरुपद्मकैः ॥

मञ्जिष्ठालोध्रमधुकैर्लाक्षान्यग्रोधमुस्तकैः ।

त्वग्जातीफलकर्पूरकङ्कोलखदिरैस्तथा ॥

पतङ्गधातकीपुष्पसूक्ष्मैलानागकेशरम् ।

कट्फलेन च संसिद्धं तैलं मुखरुजं जयेत् ॥

प्रदुष्टमांसं पलितं शीर्णदन्तं च शौषिरम् ।

श्यावदन्तं प्रहर्षं च विद्रधिं कृमिदन्तकम् ॥

दन्तस्फुरणदौर्गन्धं जिह्वाताल्वोष्ठजां रुजम् ।

(शा. म. ख. ९.१६३-१६८)^[3]

Apparatus Required^[4]

Taila patra, khalva yantra, kwātha patra, cloth etc.

Drugs required for *Irimedadi taila*^[4]

S.no.	Drugs Required	Quantity
1.	<i>Irimeda twak</i> (<i>yavakūta cūrṇa</i>)	100 palas (5 kg) 400 tola* 400*11.66gm=4664 gm =4.7 kilo
2.	Water	1 droṇa (12liter) (11939.84gm/ml) =12 liter =1024 tola 1 tola * 11.66gm
3.	<i>Tila taila</i>	½ādhaka (1.5 liter) =1492.48 =1500ml 128 tola 128*11.66gm
4.	<i>Irimeda twak</i>	1 karṣa (12gm)
5.	<i>Lavanga</i>	1 karṣa (12gm)
6.	<i>Gairika</i>	1 karṣa (12gm)
7.	<i>Agaru</i>	1 karṣa (12gm)
8.	<i>Padmaka</i>	1 karṣa (12gm)
9.	<i>Manjista</i>	1 karṣa (12gm)
10.	<i>Lodhra</i>	1 karṣa (12gm)
11.	<i>Madhuka</i>	1 karṣa (12gm)
12.	<i>Lākṣa</i>	1 karṣa (12gm)
13.	<i>Nyagrodha</i>	1 karṣa (12gm)
14.	<i>Musta</i>	1 karṣa (12gm)
15.	<i>Twak</i>	1 karṣa (12gm)
16.	<i>Jātiphala</i>	1 karṣa (12gm)
17.	<i>Karpūra</i>	1 karṣa (12gm)
18.	<i>Kankola</i>	1 karṣa (12gm)
19.	<i>Khadiraśāra</i>	1 karṣa (12gm)
20.	<i>Pattanga</i>	1 karṣa (12gm)
21.	<i>Dhātaki puspā</i>	1 karṣa (12gm)
22.	<i>Sūkṣma ela</i>	1 karṣa (12gm)
23.	<i>Nāgakesara</i>	1 karṣa (12gm)
24.	<i>Katphala</i>	1 karṣa (12gm)

Method of preparation^[4]

One hundred palas of *yavakuṭa curna* of *irimeda twak* is boiled in one *drona* of water and boiled till contents are reduced to quarter and then contents are filtered. Half *adhaka* of *tila taila* is added to the Prepared *kwātha* in a taila patra, then *kalka* is prepared with one *karṣa* each of drugs no-4 to no-24 is added and *taila pāka* is done. Then after attaining the proper

taila pāka lakshana, taila is filtered and obtained product is called *irimedadi taila*.

Amayika Prayoga^[4]

This oil relieves the diseases of the mouth such as dustamāmsa of dantas, palita danta, śirna danta, sousira, syāvadanta, praharsa, vidradhi, krmi danta, danta sphutana, dourgandhya and jihwa, tālu, oṣṭa rjam.

BOTANICAL CLASSIFICATION

S.no.	Dravya (Drug)	Botanical name	Family	English Name	Hindi Name
1.	Arimed ^[5]	<i>Acacia farneciana</i>	Mimosaceae	Sweet acacia	Irimeda
2.	Manjistha ^[6]	<i>Rubia cordifolia</i>	Rubiaceae	Indian madder	Manjith
3.	Lodhra ^[7]	<i>Symplocos racemose</i> Roxb.	Symplocaceae	Syrnplocos bark	Lodh
4.	Madhuyasti ^[8]	<i>Glycyrrhiza glabra</i>	Fabaceae	Liquorice	Madhuyasti
5.	Katphala/ kayaphala ^[9]	<i>Myrica nagi thunb</i>	Myricaceae	Bay berry / box myrtle	Kayphal
6.	Laksa ^[10]	<i>Leccifer lacca</i>	Lacciferidae	Lac and shell lac	Lakh
7.	Vata ^[11]	<i>Ficus benghalensis</i> Linn.	Moraceae	Banyan tree	Bad
8.	Motha/Musta ^[12]	<i>Cyperus rotundus</i> Linn.	Cyperaceae	Nut grass	Motha
9.	Suksma Ela ^[13]	<i>Elettaria cardamomum</i> , Maton	Scitamineae	Cardamom	Chotielachi
10.	Karpura ^[14]	<i>Cinnamomum camphora</i>	Lauraceae	Camphor	Kapur
11.	Agar / Agru ^[15]	<i>Aquilaria agallocha</i> Roxb.	Iridaceae	Agarwood	Agru
12.	Padmaka ^[16]	<i>Prunus puddum</i> / <i>P. cerassoides</i> D. don	Rosaceae	Bird cherry / mild Himalayan cherry	Padmaka
13.	Lavanga ^[17]	<i>Caryophyllus aromaticus</i> Linn.	Myrtaceae	Clove	Loung
14.	Kankola ^[18]	<i>Piper cubeba</i> Linn.f.	Piperaceae	Tailed pepper	Kababcini
15.	Jayphal/ jatiphala ^[19]	<i>Myristica fragrans</i> Houtt.	Myristicaceae	Nutmeg	Jayphal
16.	Rakta candana ^[20]	<i>Pterocarpus santalinus</i> Linn.f.	Fabaceae	Red sandal wood	Lalcandan
17.	Dalcini / Tvak ^[21]	<i>Cinnamomum zeylanicum</i> , Blume.	Lauraceae	Cinnamon bark	Dalcini
18.	Tila ^[22]	<i>Sesamum indicum</i>	Pedaliaceae	Sesamum seeds	Til

19.	<i>Patanga</i> ^[23]	<i>Ceasalpinia sappan, Linn.</i>	Caesalpinaceae	Sappon wood	<i>Bak</i>
20.	<i>Dhay / Dhatak I</i> ^[24]	<i>Woodfordia fruticosa</i>	Rubiaceae	Fire-flame bush	<i>Dhay</i>
21.	<i>Geru</i>	<i>Silicate Alumina</i> ^[25] of		Ochre (Fe ₂ O ₃) ^[26]	<i>Geru</i> ^[26]

RASA PANCHAK OF INGREDIENTS OF IRIMEDADI TAILA

S.no.	Dravya (Drug)	Rasa (Taste)	Guna (Properties)	Veerya (Potency)	Vipaka (Metabolic property)	Prabhava
1.	<i>Arimed</i> ^[27]	<i>Tikta</i> (bitter), <i>Kashaya</i> (astringent)	<i>Laghu</i> (light), <i>Ruksha</i> (dry)	<i>Sheeta</i> (cold)	<i>Katu</i> (pungent)	<i>Kushtaghna</i>
2.	<i>Manjistha</i> ^[28]	<i>Tikta</i> (bitter) <i>Kashaya</i> (astringent) <i>Madhura</i> (sweet)	<i>Guru</i> (heavy), <i>Ruksha</i> (dry)	<i>Ushna</i> (hot)	<i>Katu</i> (pungent)	-
3.	<i>Lodhra</i> ^[29]	<i>Kashaya</i> (astringent)	<i>Laghu</i> (light), <i>Ruksha</i> (dry)	<i>Sheeta</i> (cold)	<i>Katu</i> (pungent)	-
4.	<i>Madhuyasti</i> ^[30]	<i>Madhura</i> (sweet)	<i>Guru</i> (heavy) <i>Snigdha</i> (unctuos)	<i>Sheeta</i> (cold)	<i>Madhura</i> (sweet)	-
5.	<i>Katphala/ kayaphala</i> ^[31]	<i>Kashaya</i> (astringent) <i>Tikta</i> (bitter) <i>Katu</i> (pungent)	<i>Laghu</i> (light) <i>Tikshna</i> (sharp)	<i>Ushna</i> (hot)	<i>Katu</i> (pungent)	-
6.	<i>Laksa</i> ^[32]	<i>Tikta</i> (bitter) <i>Kashaya</i> (astringent) <i>Madhura</i> (sweet)	<i>Laghu</i> (light) <i>Snigdha</i> (unctuos)	<i>Sheeta</i> (cold)	<i>Madhura</i> (sweet)	<i>Hridhya</i>
7.	<i>Vata</i> ^[33]	<i>Kashaya</i> (astringent)	<i>Guru</i> (heavy), <i>Ruksha</i> (dry)	<i>Sheeta</i> (cold)	<i>Katu</i> (pungent)	
8.	<i>Motha / Musta</i> ^[34]	<i>Tikta</i> (bitter) <i>Katu</i> (pungent) <i>Kashaya</i> (astringent)	<i>Laghu</i> (light), <i>Ruksha</i> (dry)	<i>Sheeta</i> (cold)	<i>Katu</i> (pungent)	
9.	<i>Suksma Ela</i> ^[35]	<i>Madhura</i> (sweet) <i>Katu</i> (pungent)	<i>Laghu</i> (light), <i>Ruksha</i> (dry)	<i>Sheeta</i> (cold)	<i>Madhura</i> (sweet)	
10.	<i>Karpura</i> ^[36]	<i>Tikta</i> (bitter) <i>Katu</i> (pungent) <i>Madhura</i>	<i>Laghu</i> (light) <i>Tikshna</i> (sharp)	<i>Sheeta</i> (cold)	<i>Katu</i> (pungent)	

		(sweet)				
11.	<i>Agar Agru</i> ^[37] /	<i>Katu</i> (pungent) <i>Tikta</i> (bitter)	<i>Laghu</i> (light) <i>Ruksha</i> (dry) <i>Tikshna</i> (sharp)	<i>Ushna</i> (hot)	<i>Katu</i> (pungent)	
12.	<i>Padmaka</i> ^[38]	<i>Kashaya</i> (astringent) <i>Tikta</i> (bitter)	<i>Laghu</i> (light)	<i>Sheeta</i> (cold)	<i>Katu</i> (pungent)	<i>Vednasthapana</i>
13.	<i>Lavanga</i> ^[39]	<i>Tikta</i> (bitter) <i>Katu</i> (pungent)	<i>Laghu</i> (light) <i>Snigdha</i> (unctuos)	<i>Sheeta</i> (cold)	<i>Katu</i> (pungent)	
14.	<i>Kankola</i> ^[40]	<i>Katu</i> (pungent) <i>Tikta</i> (bitter)	<i>Laghu</i> (light) <i>Ruksha</i> (dry) <i>Tikshna</i> (sharp)	<i>Ushna</i> (hot)	<i>Katu</i> (pungent)	
15.	<i>Jayphal/ jatiphala</i> ^[41]	<i>Tikta</i> (bitter) <i>Katu</i> (pungent)	<i>Laghu</i> (light) <i>Tikshna</i> (sharp)	<i>Ushna</i> (hot)	<i>Katu</i> (pungent)	
16.	<i>Rakta candana</i> ^[42]	<i>Tikta</i> (bitter) <i>Madhura</i> (sweet)	<i>Guru</i> (heavy) <i>Ruksha</i> (dry)	<i>Sheeta</i> (cold)	<i>Katu</i> (pungent)	
17.	<i>Dalcini Tvak</i> ^[43] /	<i>Katu</i> (pungent) <i>Tikta</i> (bitter) <i>Madhura</i> (sweet)	<i>Laghu</i> (light) <i>Rukshna</i> <i>Tikshna</i> (sharp)	<i>Ushna</i> (hot)	<i>Katu</i> (pungent)	
18.	<i>Tila</i> ^[44]	<i>Madhura</i> (sweet) <i>Anurasa- Kashaya</i> (astringent)- <i>Tikta</i> (bitter)	<i>Guru</i> (heavy) <i>Snigdha</i> (unctuos)	<i>Ushna</i> (hot)	<i>Madhura</i> (sweet)	
19.	<i>Patanga</i> ^[45]	<i>Kashaya</i> (astringent) <i>Tikta</i> (bitter) <i>Madhura</i> (sweet)	<i>Ruksha</i> (dry)	<i>Ushna</i> (hot)	<i>Katu</i> (pungent)	
20.	<i>Dhay Dhataki</i> ^[46] /	<i>Kashaya</i> (astringent)	<i>Laghu</i> (light) <i>Ruksha</i> (dry)	<i>Sheeta</i> (cold)	<i>Katu</i> (pungent)	
21.	<i>Geru</i> ^[47]	<i>Madhura</i> (sweet), <i>Kashaya</i> (astringent)	<i>Snigdha</i> (unctuos)			

ACTION AND INDICATIONS

S.NO.	Dravya (Drug)	Doshaghnata (Action on dosha)	Rogaghnata (Therapeutic indications)
1.	<i>Arimed</i>	<i>Kaphpitta hara</i> ^[27]	<i>Rakta srava Mukharoga</i> ^[5]

2.	Manjistha	Kaphpitta shamaka ^[28]	Manjistha meha Arsas Kandabhagna ^[6]
3.	Lodhra	Kaphpitta shamaka ^[29]	Pradara Pravahik Kustha ^[7]
4.	Madhuyasti	Vatapittahara ^[30]	Bhagandara ^[8] Arthavabhedaka(ss) Hrdroga(cc)
5.	Katphala/ kayaphala	Kaphavata shamaka ^[31]	Pittaja abhisyanda Atisara ^[9]
6.	Laksa	Vatapitta shamaka ^[32]	-
7.	Vata	Kaphpitta shamaka ^[33]	Pumsavana Timira ^[11]
8.	Motha / Musta	Kaphpitta shamaka ^[34]	Jvara Atisara Halimaka ^[12]
9.	Suksma Ela	Tridosha hara ^[35]	Hrdroga Mutrakrcchra Timira ^[13]
10.	Karpura	Tridosha hara ^[36]	Avrana sukla Mutraghata Svasa Sadyo vrana ^[14]
11.	Agar / Agru	Kaphavatashamaka ^[37]	Lavanameha Kasa Dadru kustha Svasa ^[15]
12.	Padmaka	Kaphapitta shamaka ^[38]	Hikka svasa Rakta pitta ^[16]
13.	Lavanga	Kaphapitta shamaka ^[39]	Vatarti (pain) Visucika Trsna ^[17]
14.	Kankola	Kaphavata shamaka ^[40]	Penile erection ^[18]
15.	Jayphal/ jatiphala	Kaphavata shamaka ^[41]	Yuvanpitika Atisara Vipadika Visucika ^[19]
16.	Rakta candana	Kaphapitta shamaka ^[42]	Timira Atisara ^[20]
17.	Dalcini / Tvak	Tridosha hara ^[43]	Kasa Sirahsula Pravahika ^[21]
18.	Tila	Tridosha shamaka ^[44]	Bahumutra Bhagandrahara Udara ^[22]
19.	Patanga	Kaphapitta shamaka ^[45]	Rohin Yoniroga ^[23]

20.	Dhay / Dhataki	Kaphapitta shamaka ^[46]	Svetapradara Prajasthapana Pittabhisya ^[24]
21.	Geru	Kaphahara ^[26]	Dahasamaka, Raktapittahara, Hikkanigrahana, Visaghna, Caksusya ^[26]

Synonyms, Chemical constituents & Part Used

S.NO.	Dravya (Drug)	Synonyms	Chemical constituents	Part Used
1.	Arimed ^[5]	Vitkhadira, godhaskandha	Aromadendrin, Naringenin, Galloylgucose, Ethyl gallate	Stem bark,
2.	Manjistha ^[6]	Vijaya, rakta, raktangi, Tamravalli, raktayasti	Munjistin, Rubiatriol, Alizarin, Rubiadin, Xanth-opurpurin	Root
3.	Lodhra ^[7]	Tirita, kanina, tilaka, santatodbhava	Symposide, Loturine, Loturidine, Colloturine	Steam bark, flower
4.	Madhuyasti ^[8]	Madhuyasti, Klitanak, Madhulika, Yastayahva, Madhuka, Yastimadhuka, jalaja	Glycyrrhizin, Glycyrrhizic acid, Liquirtin, Isoliquirtin, Glabrene, Glabrolide	Root
5.	Katphala/ kayaphala ^[9]	Kumuda, Kumbhai, Sriparni, Lomapadapa, Somavalka, Mahakumbhi, Bhadra, Bhadravati, siva	Myricanol, Proanthocyanidin, Myricadiol, Myricetin, Myricanone, β -sitosterol	Stem bark
6.	Laksa	Nirmatsara, Rakta, Drumavyadhi, Palamkasa, Krmija, Jatu, Diptahva, Jivaka, Lavaka ^[10]	It contains an oil called Oleum rosi. ^[48]	-

7.	Vata ^[11]	Raktapada, Ksiri, Bahupada, Vanaspati, Yaksavasa, Padarohi, Nyagrodha, Skandhaja, Dhruva	Bark leucoanthocyanin, Tiglic acid, β -sitosterol- α -D- glucoside	Bark, Latex, Leaf, Leaf-but, Hanging root, fruit
8.	Motha Musta ^[12]	Musta, Varidhara, Musta, Meghakhya, Kuruvindaka, Varaha, Abda, Ghana, Vajakaseruka	Copaene, Cyperol, Kobusone, Cyperen 1&2, Cyperenone, β -sitosterol	Tubers
9.	Suksma Ela ^[13]	Ela, Truti, Candrabala, Bahula, Niskuti, Tvisa, Kapotavarna, Kunati, Dravidi	Borneol, Camphene, p-cymene, geraniol, heptane, limonene, linalool, menthone, nerol, nerylacetate	Seeds
10.	Karpura ^[14]	Sphatika, Candra, Sitabhra, Himavaluka, Himopala, Sitaraja, Bhutika, Himahvaya, Himabhra, Ganasara, Candrahva	Campher, Campherol, Cineol, Pinene, Camphene, Safrole, Laurolitsine, Reticuline	Niryasa (extract)
11.	Agar / Agru ^[15]	Aguru, Rajarha, Visvarupaka, Jongaka, Sitamalina, Krmijagna, Araktaka	Agarospirrol, Aquillochin, Holocellulose, Lignan, Pentosans, Essential oils, viz. agarol, Agaro, Oxoagarospirols	Aromatic resinous wood, oil
12.	Padmaka ^[16]	Malya, Caru,	Puddumin A, Genistein,	Stem bark, Seeds

		<i>Pitarakta, Suprabha</i>	<i>Prunetin, Genkwanin, Cerasinone, Two chalcones- Cerasidin Cerasin</i>	
13.	<i>Lavanga</i> ^[17]	<i>Sikhara, Divya, Lava, Candanapuspaka, Sripuspa, Devakusuma, Bhrngaa, Varisambhava</i>	<i>β-caryophyllene, Eugenol, Furfural, Methyl alcohol, Methyl benzoate, Valeraldehyde, Vanillin, Eugeni-tine, Naphthalene</i>	Floral bud, Clove oil
14.	<i>Kankola</i> ^[18]	<i>Katuka, Kola, Marica, Madhavosita</i>	<i>Cubebin, Cubebol, Cubeb-camphor, Cubebic acid, Piperine, Sesamin</i>	Fruit
15.	<i>Jayphal/ jatiphala</i> ^[19]	<i>Jatisrta, Saluki, Malatisuta</i>	<i>β-terpinene, Safrole, Methyleugenol, Myristicin, Elemicin, Dihydro-disoeugenol, Myristic acid</i>	Seed, Seed coat(japatri), oil
16.	<i>Rakta candana</i> ^[20]	<i>Lohita, Ksudracandana, Tamrasara, Rakta-sara, Jyoti, Soma, Ranjana</i>	<i>Pterocarpol, Santalin A&B, Pterocarptiol, Pterocarpodiolone, Lupenediol</i>	Heart wood
17.	<i>Dalcini Tvak</i> ^[21]	<i>Tvaca, Varanga, Sakala, Tvakkoca, Tanuka, Vara, Lataparnya, Ghana, Bhrnga, Gurutvak, Svarnabhumika</i>	<i>Eugenol, Cinnamaldehyde, Benzaldehyde, Methyl amylketone, Phellandrene, Pinene, Cymene, Linalool, Cinnamyl alcohol</i>	Stem bark, Oil
18.	<i>Tila</i> ^[22]	<i>Tilapuspa, Tailaphala, Tilapinja, Sita,</i>	<i>Neutral lipids, Glycolipids, Phospholipids, Sesamose,</i>	Seeds, Oil

		<i>Jatila, Vanajata</i>	<i>Sesamolin, Sesamolinol, Sesamol, Pinoresinol</i>	
19.	<i>Patanga</i> ^[23]	<i>Pataraga, Raktakastha, Kucandana, Surangaka, Jagatyahva, Pattura, Pataranjaka</i>	<i>Heart wood- Alanine, Threonine, Threonine Oil- Caesalpin J, P. protosappanin A, B&C</i>	Heart-wood
20.	<i>Dhay Dhataki</i> ^[24] /	<i>Kunjara, Sindhupuspi, Pramadini, Mada, Parvatiya, Tamrapuspi, Subhiksa, Medhavasini</i>	<i>Flowers – Hecogenin, Inositol, Kaemperol-3-glucoside, Naringenin-7-7- glucoside, Tannins, Woodferdins A, B&C, Lawson</i>	Flower
21.	<i>Geru ochre</i> ^[26] / red	<i>Girimrt, Raktapasana, Gavedhuka</i>	-	-

CLASSICAL CATEGORIZATION

S.no.	Dravya (Drug)	Charak	Sushrut	Vagbhata	Varga according to madanapala Nighantu	Bhavaprakasa	Kula
1.	Arimed	Udarda Prasamana ^[49] , Sanjasthapana ^[50]	-	-	Vatadi varga ^[5]	Vatadi varga ^[83]	Shimbi kula ^[65]
2.	Manjistha	Jvarahara ^[49] , Varnya ^[51] , Visaghna ^[52]	Priyangvadi ^[58]	Priyangvadi ^[66]	Abhayadi varga ^[6]	Haritakyadi varga ^[84]	Manjishtha kula ^[66]
3.	Lodhra	Sonitasthapana ^[50] , Sandhaniya ^[53] , Purisa sangrahaniya ^[54]	Lodhradi ^[59] , Nyagrodhadi ^[60]	Rodhradi, Nyagrodhadi ^[67]	Abhayadi varga ^[7]	Haritakyadi varga ^[85]	Lodhra kula ^[67]
4.	Madhuyasti	Jivaniya ^[53] , sandhaniya ^[53] , varnya ^[51] , kanthya ^[51] , kandughna ^[52] , cahrdinigrahana ^[54] , sonitasthapana ^[50] , mutraviranjaniya ^[55] , snehopaga, vamnopaga, asthapanopaga ^[56]	Kakolyadi, Sarivadi, Anjanadi ^[58]	Sarivadi, Anjanadi ^[68]	Abhayadi varga ^[8]	Haritakyadi varga ^[86]	Shimbi kula ^[68]
5.	Katphala/ kayaphala	Vednasthapana ^[50] , Sukrasodhana ^[57] , Sandhaniya ^[53]	Lodhradi, Surasadi ^[59]	Surasadi ^[69]	Abhayadi varga ^[9]	Haritakyadi varga ^[87]	Katphala kula ^[69]
6.	Laksa	-	Lakshadi gana ^[61]	-	Karpuradi varga ^[10]	Haritakyadi varga ^[88]	Taruni kula ^[48]
7.	Vata	Mutrasangrahaniya ^[55]	Nyagrodhadi gana ^[60]	Nyagrodhadi gana ^[70]	Vatadi varga ^[11]	Vatadi varga ^[89]	Vata kula ^[70]
8.	Motha /	Lekhaniya ^[53] ,	Mustadi ^[60] ,	Mustadi,	Abhayadi	Karpuradi	Mustak

	Musta	Trsnanigrahan ^[52] , Kandughna ^[52] , Stanyasodhana ^[57]	Vacadi ^[62]	Vacadi ^[71]	varga ^[12]	varga ^[90]	kula ^[71]
9.	Suksma Ela	Angamarda prasamana ^[49] , Sirovirecana ^[56]	Eladi ^[62]	Eladi, Trijataka, Caturjataka ^[72]	Karpuradi varga ^[13]	Karpuradi varga ^[91]	Haridra kula ^[72]
10.	Karpura	-	-	-	Karpuradi varga ^[14]	Karpuradi varga ^[92]	Karpoora kula ^[73]
11.	Agar / Agru	Sitaprasamana ^[49] , Svasahara ^[49] , Sirovirecana ^[56]	Salasaradi, Eladi ^[63] , Slesmasamsamana ^[62]	Salasaradi, Eladi ^[74]	Karpuradi varga ^[15]	Karpuradi varga ^[93]	Agaru kula ^[74]
12.	Padmaka	Vednasthapana ^[50] , Varnya ^[51]	Sarivadi ^[58] , Candanadi, Padmakadi gana	Sarivadi, Candanadi ^[75]	Karpuradi varga ^[16]	Karpuradi varga ^[94]	Taruni kula ^[75]
13.	Lavanga	-	-	-	Karpuradi varga ^[17]	Karpuradi varga ^[95]	Lavang kula ^[76]
14.	Kankola	-	-	-	Karpuradi varga ^[18]	Karpuradi varga ^[96]	Pippali kula ^[77]
15.	Jayphal/ jatiphala	Sandhaniya ^[53] , Vednasthapana ^[50] , Kanthya ^[51] , Sukrashodhana ^[57]	Sursadi gana ^[59] , Rodhradi gana ^[59] , Parushakadi gana ^[58]	-	Karpuradi varga ^[19]	Karpuradi varga ^[97]	Jatiphala kula ^[78]
16.	Rakta candana	-	Patoladi ^[62] , Sarivadi ^[58] , Priyangvadi ^[58]	Patoladi ^[79]	Karpuradi varga ^[20]	Karpuradi varga ^[98]	Shimbhi kula ^[79]
17.	Dalcini / Tvak	-	Eladi ^[62]	Eladi, Trijataka ^[80]	Karpuradi varga ^[21]	Karpuradi varga ^[99]	Karpoora kula ^[80]
18.	Tilam	Svedopaga ^[56] , Pursavirajanya ^[54]	-	-	Dhanyaguna varga ^[22]	Dhanya varga ^[100]	Tila kula ^[81]
19.	Patanga	-	-	-	Karpuradi varga ^[23]	Karpuradi varga ^[101]	-
20.	Dhay /	Purisasangrahaniya ^[54] , Priyangvadi ^[58]	Priyangvadi ^[58]	Priyangvadi,	Abhyadi varga ^[24]	Haritakyadi	Madayantika

	<i>Dhataki</i>	<i>Mutraviranjaniya</i> ^[54] , <i>Sandhaniya</i> ^[53]	<i>Ambastadi</i> ^[64]	<i>Ambasthadi</i> ^[82]		<i>varga</i> ^[102]	<i>kula (Dhyati kula)</i> ^[82]
21.	<i>Geru</i>	<i>Shonitsthapana</i> ^[50]			<i>Suvarnadi varga</i> ^[26]	<i>Dhatu updhatu rasa- uprasanotpanna visha-upvisha varga</i> ^[47]	

Probable mode of action – As per Ayurvedic principles, most of the *mukhagata rogas* (oral diseases) originate due to the vitiation of *kapha* and *rakta doshas*, often complicated by the presence of *ama* (endogenous toxins) or *visha* (external or internal toxins). Clinical features such as foul odor, inflammation, ulceration, mucosal discoloration, and necrosis of gingival tissues indicate deeper dosha dushti and may reflect early *visha lakshana* within the oral cavity.

DISCUSSION

Pharmacological Attributes (Dravya Guna) of *Irimejadi Taila* Constituents

Irimejadi Taila comprises several potent herbs processed in *tila taila* (sesame oil). Each component contributes specific *guna* (properties) and *karma* (actions) relevant to oral pathologies:

Irimejadi (*Acacia farnesiana*): Astringent (*kashaya*), *kapha-pitta hara*, *shothahara*, and *vrana ropaka*; helps in reducing inflammation and promoting healing.

Manjishtha (*Rubia cordifolia*): *Rakta prasada*, *vishaghna*, and *twachya*; purifies blood and detoxifies tissue.

Yashtimadhu (*Glycyrrhiza glabra*): *Madhura*, *sheetala*, *ropana*, *vishaghna*, and *pitta-vata hara*, excellent for mucosal healing and soothing inflammation.

Lavanga (*Syzygium aromaticum*): *Katu-tikta*, *krimighna*, *vedana sthapana*, and *kapha hara*; useful in infections and pain relief.

Karpura (*Camphor*): *Shita virya*, *vishaghna*, *shothahara*, provides antimicrobial and cooling action.

Nagavalli (*Piper betle*): *Kapha-vata hara*, *krimighna*, *danta-mula balya*; strengthens gums and reduces microbial load.

Ela & Kankola (*Cardamom and Piper cubeba*): *Sugandhikara*, *krimighna*, *mukhavisha nashaka*; improve oral odor and eliminate local pathogens.

Tila Taila: *Sookshma*, *vyavayi*, *vata-kapha hara*, and *yogavahi*; acts as an excellent medium for drug delivery.

Together, these herbs endow the formulation with *visha-shamana*, *shodhana*, and *vrana*

ropana properties, making it effective in both simple and complex oral conditions.

3. Classical Indications and Application Methods

Classical texts such as *Ashtanga Hridaya* and *Bhavaprakasha* recommend *Irimedadi Taila* for oral conditions like *danta moola roga*, *mukha vrana*, *dantaharsha*, and *krimijanya rogas*. Its administration via *gandusha* and *kavala kriya* ensures direct contact with oral tissues, promoting rapid absorption, localized detoxification, and effective tissue healing.

4. Ayurvedic Parallels with *Visha Lakshana* Management

Management of *visha* in Ayurveda typically involves *virechana*, *raktamokshana*, and the use of *visha-ghna* herbs. Several ingredients of *Irimedadi Taila*, such as *Manjishtha*, *Yashtimadhu*, and *Karpoora*, are routinely used in *visha* management. Their presence in this formulation highlights its applicability in oral conditions that present with toxin-like features (*mukhagata visha lakshana*).

5. Clinical Relevance

Clinical observations support the utility of *Irimedadi Taila* in managing oral conditions such as chronic gingivitis, foul-smelling ulcers, non-healing mucosal lesions, and necrotic gum tissues. These outcomes validate its action in conditions involving deeper *dosha dushti* and local toxin accumulation.

CONCLUSION

Based on classical references, pharmacological properties, and clinical relevance, the following conclusions can be drawn:

1. *Irimedadi Taila* is a well-formulated medicated oil containing herbs with *kapha-rakta shodhaka*, *vishaghna*, and *vrana ropaka* actions.
2. When used through *gandusha* and *kavala kriya*, it not only supports daily oral hygiene but also proves effective in treating complex oral disorders presenting with signs of *mukhagata visha lakshana*, such as ulcers, inflammation, bad breath, and tissue degeneration.
3. From an Ayurvedic standpoint, *Irimedadi Taila* is a versatile formulation that addresses both routine and pathologically advanced oral conditions, through its combined *dosha-shamana*, *shodhana*, and *ropana* effects.

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