

External applications of *Danti* (*Baliospermum montanum* Linn.): A Comprehensive Ayurvedic review

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Abstract: *Danti*, botanically *Baliospermum montanum* Linn. (Family: Euphorbiaceae), is an under-shrub plant 1/3 to 2-meter-high with perennial root stock running horizontally and sending out new shoots. For *virechana kama danti moola* is one of the important drugs. *Moola* of *Danti* are administered either externally or internally in multi dosage forms to combat various disease conditions. A single hand data is unavailable on the usage of *Danti*, externally in various anomalies. This review portrays the wide usage of *Danti* by external administration from 28 different classical texts consisting of treatise and compendia. It is observed that about 145 formulations, in 10 dosage forms, have been recommended, in 53 varied diseases. Among these disease conditions, *Vrana* (Wound) is maximum, followed by *Bhagandara* (Fistula-in-ano), *Kustha* (Skin disorders), *Arsha* (Hemorrhoids) and *Vatavyadhi* (Neuro-muscular anomalies) etc.

Key Words: *B. montanum*, Local application, *Nikumbha*, Roots, *Vrana*.

1. INTRODUCTION:

Plants are the main sources of traditional medicines. In ancient texts various medicinal plants and their uses have been mentioned. As mentioned in *Charaka Samhita*, drug is the second most important thing in therapeutics after *Vaidhyas* [1]. *Danti moola* is considered one of the important *Virechana Dravya*. Its significance can be recognized by the fact that one chapter is dedicated in *Charaka Samhita* for the *Danti*, where 48 preparations of *Danti* for *Virechana karma* are depicted [2].

Danti botanically *Baliospermum montanum* Linn., (Family: Euphorbiaceae) it is an under-shrub plant 1/3 to 2-meter-high with perennial root stock running horizontally and sending out new shoots. Leaves are simple, alternate with a pair of glands at the base. Upper leaves are smaller, lanceolate or ovate – lanceolate with toothed margins, lower ones broadly ovate – oblong, entire or three – five lobed with toothed margins and rounded base; petiole 5-15 cm long. Inflorescence monoecious or dioicous in axillary and short racemes. Fruit an obovoid, capsule, made of three cocci, seed three in number, ellipsoid, smooth and mottled resembling castor seeds.[3].

According to *Bhavaprakasha Nighantu* two varieties have been mentioned. 1. *Laghu Danti* 2. *Brihada Danti*. *Laghu Danti* is commonly used as *Danti* and identified as *Baliospermum montanum* [4]. *Kaiyadeva Nighantu* mentions two varieties *Danti* and *Dravanti* [5]. In *Charaka Samhita Nagadanti* has been mentioned[6]. This review represents the wide usage of *Danti* in the form of external administrations.

2. MATERIALS AND METHODS:

In this review, information from various texts like *Charaka Samhita* (Ch.S.) [7]; *Sushruta Samhita* (Su.S.) [8]; *Ashtanga Samgraha* (A.s.) [9]; *Ashtanga Hridaya* (A.h.) [10]; *Kashyapa Samhita* (Ka.S.) [11]; *Bhela Samhita* (Bhe.S.) [12]; *Harita Samhita* (Ha.S.) [13]; *Vrindamadhava* (Vru.Ma.) [14]; *Chakradutta* (Cha.) [15]; *Vangasena Samhita* (Va.Sa.) [16]; *Sharangdhara Samhita* (Sh.S.) [17]; *Bhavaprakasha Samhita* (Bh.P.S.) [18]; *Yogaratanakara* (Y.R.) [19]; *Bhaishyajya Ratnavali* (Bh.Rt.) [20]; *Bharata Bhaisajya Ratnakara* (Bha.Bha.ra.) [21]; *Vaidyajivanam* (Va.ji.) [22].

Danti as a single drug or as content in formulations in the above mentioned 24 classical texts were critically analyzed with respect to formulations, variety of *Danti*, parts used, their dosage form and indications. Due to the extensive data, *Roga Adhikara* - wise formulations were categorized and accordingly tables have been prepared to present the information. (Table 1 -10).

The Sanskrit terms of formulations have been expressed into convenient English language using accepted dictionaries [23],[24]. English equivalent of various disease conditions was referred from AFI (Ayurvedic Formulary of India) [25].

Various abbreviations were used for various dosage forms such as *Lepa* (Pasting) (Lp) and *Taila* (oil) (Tl) followed by *Kalka* (Kl), *Kwatha* (Kw), *Varti* (Anal suppository) (Vr), *Dhupana* (Fumigation) (Dp), *Pradeha* (Pr), *Rasa* (Rs), *Sutra* (St), *Ghritha* (Gr).

3. RESULTS & DISCUSSION:

It is noted that *Danti* has been used as an ingredient in a total of 145 formulations. *Danti* were used in various dosage forms in many disease conditions. The details of parts used, dosage forms and indications, are as below.

PART USED:

In these formulations the part mainly used was *Moola* (Root) and only one formulation was *Phala*(Fruit) of *Danti*.

DOSAGE FORMS:

In external application maximum used dosage form was *Lepa* (Paste) (Lp) (62) followed by *Taila* (oil) (Tl) (52), *Kalka* (Kl) (14), *Kwatha* (Kw) (6), *Varti* (Anal suppository) (Vr) (6), *Dhupana* (Fumigation) (Dp) (1), *Pradeha* (Pr) (1), *Rasa* (Rs) (1), *Sutra* (St) (1) and *Ghritha* (Gr) (1).

INDICATIONS:

1). **Vrana (Ulcer)**- Total 25 formulations are having *Danti* as an ingredient. Among them *Lepa* (13) has maximum dosage forms followed by *Taila* (5), *Kalka* (4), *Varti* (2), *Ghritha* (1) dosage form has been reported. (Table 1)

2). **Bhagandara(Fistula-in-ano)** - It is one of the anorectal disorders, having fistultract, with severe pain. Ten formulations, with *moola* (root) of *Danti* as a major ingredient, in *Lepa* (6) and *Taila* (4), *Kwatha* (2), *Kalka* (1) and *Varti* (1) dosage form has been recommended. (Table 2)

3). **Kustha(Skin disorders)**- Ayurveda considers various skin disorders under a single disease condition namely *Kushtha*. Total 11 formulations were found. Dosage form of *Lepa* (5), *Taila* (4) and *Kalka* (2) have been mentioned in skin disorders. (Table 3)

4). **Arsha(Haemorrhoids)**-Total 11 formulations were found, among the dosage forms, *Taila* (7) and *Lepa* (4) is maximum used in management of *Arsha*. (Table 4)

5). **Nadi Vrana(Sinus)**- Total 10 formulations in the management of *Nadi Vrana* are mentioned. Use of *Kalka* (2), *Taila* (2), *Varti* (2), *Lepa* (2), one each of *Kwatha* and *Sutra* doses form have been found. (Table 5)

6). **Kshudraroga(Minor diseases)** - Total 10 formulations are having *Danti* as an ingredient. Among the dosage form used, *Taila* (8) has been reported maximum and *Kalka* (kl) and *Lepa* one each is reported. *Danti Phala* is used in one formulation. (Table 6).

7). **Granthi(Cyst)** - Total 9 formulations are having *Danti* as an ingredient. Among the dosage form used, *Lepa* (8) has been reported maximum followed by *Pradeha* (1). (Table 7).

8). **Urdhavajatrugata Roga(E.N.T. Disorder and Eye Disorder)** - Total 9 formulations are having *Danti* as an ingredient. Among the dosage form used, *Taila* (6), *Lepa* (2), *Rasa* (1) have been reported. (Table 8).

9). **Shotha(Swelling)**- Total 7 formulations are having *Danti* as an ingredient. The dosage forms used are *Lepa* (3), *Taila* (3) and *Kalka* (1) for the management of *Shotha*. (Table 9).

10). **Gandamala(Cervical Lymphadenitis)** - Total 5 formulations are having *Danti* as an ingredient. Among the dosage used, *Lepa* (4) has been reported maximum followed by *Taila* (1) is described.(Table 10).

Other indications include four formulations in *Stri Roga*(Gynecology and Obstetrics Diseases), two formulation each in *Varnya Karma*(Complexion Enhancing), *Udavartta* (upward movement of gases), *Vata Roga Vatavyadhi*(Neuro-muscular anomalies), *Apachi* (Chronic lymphadenitis), *Jwara*(fever), *Pliha*(spleen disorder), *Braghana*,

Urustambha(Paraplegia), one formulation each of *Mushika Visha*(rat poison), *Visharpa*(Heres), *Visha*(poisoning), *Krimi*(Worm infection), *Ashthila*(Enlarged prostate), *Stana Vridhhi*(breast augmentation), *Mutrakrichha*(Dysuria), *Shukranigrahana*, *Vatarakta*(Gout), *Prameha Pidika*(Diabetic carbuncle), *Apasamara*(Epilepsy), *Switra*(Vitiligo), *Anaha*(Abdominal distention), *Asamari*(kidney stone), *Slipada*(Elephantitis), *Udara Roga*(Abdominal Disorders), *Vridhhi*(Hernia), *Pidika*(Carbuncle), *Grahani*(Irritable bowel syndrome), *Upadansa*(Syphilis). (Table 11)

Danti is considered very good *Virechana dravya* because it is included in *Danti-Dravanti Adhyaya* in *Charaka Samhita*[26]. *Danti* acts as *Virechaka* due to its *Prabhava*. The plant shows various pharmacological actions such as anti-fungal, anti-inflammatory and anti-oxidant activity [27],[28],[29].

It was found that root of *Danti* is maximum used in all the formulations; only one formulation of *Danti Phala* is found in *Kshudra Roga*. Maximum external use of *Danti Moola* is found in *Vrana* (wound), in which *Lepa* is used maximum. *Lepa* of *Danti moola* was reported maximum in management of *Kushtha*, *Taila* doses form was found to be maximum in *Arsha*, *Urdhavajarugata Vikara* and *Kshudra Roga*. In *Granthi* and *Gandmala Lepa* form is to be found more effective.

In this review it was found that *Danti* is mainly used in *Vrana* and *Granthi* because *Danti* has *Katu Rasa*, *Ushna Virya* and *Katu Vipaka*, so it can be used for *Lekhana Karma*, *Vrana Sodhana Karma*, and *Nadi Vrana*. External use of root paste on piles mass causes reduction in pain and swelling. Roots of *Danti* are most popular and considered as good remedy in *Twaka Doshha*, *Kandu*, *Kushtha* and *Vrana*[30].

5. CONCLUSION:

In the traditional system of Indian medicine *Danti* has a very important role in *Virechana Karma*. It was found that the external use of moola of *Danti* plant has wide range of therapeutic importance in 145 external applications in 53 disease conditions. Maximum 25 formulations of *Danti* is found in *Vrana*(Ulcer), followed by *Bhagandara*(Fistula-in-ano), *Kushtha*(Skin disorders), *Arsha*(Haemorrhoids) and *Vatavyadhi*(Neuro-muscular anomalies) etc. disease.

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Table 1: Danti as an ingredient of various formulations indicated in Vrana (Ulcer)

Sr. No.	Formulation	Dosage Forms	Rogadhikara	Part used	References
1.	<i>Dantyadi Lepa</i>	Lp	<i>Dusta Vrana</i>	<i>Moola</i>	Su.su.45/124, Su.chi.2/42, Vru.ma.44/30, Va.sa.58/25, Yo.sa.u.22/6
2.	<i>Dantyadi Kalka</i>	Kl	<i>Vrana</i>	<i>Moola</i>	Su.chi.2/89
3.	<i>Dantyadi Ghrita</i>	Gr	<i>Vrana</i>	<i>Moola</i>	A.s.u.33/37
4.	<i>Pindaniya Taila</i>	Tl	<i>Vrana</i>	<i>Moola</i>	Bh.chi.27/3
5.	<i>Nikumbhadi Lepa</i>	Lp	<i>Vrana</i>	<i>Moola</i>	Vru.ma.44/32
6.	<i>Dantyadi Varti</i>	Vr	<i>Vrana</i>	<i>Moola</i>	Vru.ma.44/35
7.	<i>Dantyadi Kalka</i>	Kl	<i>Dusta Vrana</i>	<i>Moola</i>	Vru.ma.47/15, Bha.sa.47/50
8.	<i>Nikumbhadi Lepa</i>	Lp	<i>Vrana</i>	<i>Moola</i>	Vru.ma.49/8
9.	<i>Nikumbhadi Kalka</i>	Kl	<i>Vrana</i>	<i>Moola</i>	Va.sa.s54/76, Va.sa.58/27
10.	<i>Karveeradhy Taila</i>	Tl	<i>Vrana</i>	<i>Moola</i>	Va.sa.58/32
11.	<i>Prasamana Lepa</i>	Lp	<i>Dusta Vrana</i>	<i>Moola</i>	Sha.sa.u.4/91
12.	<i>Nikumbhadi Kalka</i>	Kl	<i>Vrana</i>	<i>Moola</i>	Bha.sa.47/59, Bha.sa.47/61
13.	<i>Brihatamarichyadya Taila</i>	Tl	<i>Vrana</i>	<i>Moola</i>	Yo.sa.pu.26/1
14.	<i>Nimbapatradi Lepa</i>	Lp	<i>Dusta Vrana</i>	<i>Moola</i>	Yo.sau.22/4
15.	<i>Tiladi Lepa</i>	Lp	<i>Vrana</i>	<i>Moola</i>	Yo.sa.u.22/5
16.	<i>Kusthadi Lepa</i>	Lp	<i>Vrana</i>	<i>Moola</i>	Yo.sa.u.26/5
17.	<i>Chirbilwadi Lepa</i>	Lp	<i>Vrana</i>	<i>Moola</i>	Bha.ra.47/25
18.	<i>Shodhanakesari Lepa</i>	Lp	<i>Dusta Vrana</i>	<i>Moola</i>	Bha.ra.47/30
19.	<i>Kusthadi Lepa</i>	Lp	<i>Vrana</i>	<i>Moola</i>	Bha.ra.51/8
20.	<i>Trivrutadi Varti</i>	Vr	<i>Vrana</i>	<i>Moola</i>	Bha.bha.ra.2811
21.	<i>Nimbapatradi Yoga</i>	Lp	<i>Dusta Vrana</i>	<i>Moola</i>	Bha.bha.ra.3541

22.	<i>Svarajikadhya Taila -2</i>	Tl	<i>Vrana</i>	<i>Moola</i>	Bha.bha.ra.8016, Bha.bha.ra.8017
23.	<i>Darana Yoga</i>	Lp	<i>Vrana</i>	<i>Moola</i>	Cha.44/23
24.	<i>Patoladi Lepa</i>	Lp	<i>Vrana</i>	<i>Moola</i>	Cha.44/33
25.	<i>Svarjikadhya Taila</i>	Tl	<i>Dushta Vrana</i>	<i>Moola</i>	Cha.45/16

Table 2: Danti as an ingredient of various formulations indicated in Bhagandara (Fistula-in-ano)

Sr. No.	Formulation	Dosage Forms	Rogadhikara	Part used	References
1.	<i>Dantyadi Kalka</i>	Kl	<i>Bhagandara</i>	<i>Moola</i>	Su.su.8/48
2.	<i>Dantyadi Lepa</i>	Lp	<i>Bhagandara</i>	<i>Moola</i>	Vru. 48/5
3.	<i>Karviriyadi Taila</i>	Tl	<i>Bhagandara</i>	<i>Moola</i>	Vru.49/17, Yo.ra.u.51/36, Bha.sa.ma.50/32
4.	<i>Dantyadi Kwatha</i>	Kw	<i>Bhagandara</i>	<i>Moola</i>	Va.sa.58/21
5.	<i>Nikumbhadi Kwatha</i>	Kw	<i>Bhagandara</i>	<i>Moola</i>	Bha.sa.ma.50/21
6.	<i>Nikumbhadi Varti</i>	Vr	<i>Bhagandara</i>	<i>Moola</i>	Bha.sa.ma.50/25
7.	<i>Prashamana Lepa</i>	Lp	<i>Bhagandara</i>	<i>Moola</i>	Bha.sa.ma.50/26
8.	<i>Tiladi Lepa</i>	Lp	<i>Bhagandara</i>	<i>Moola</i>	Yo.ra.u.26/6, Bha.bha.ra.2503
9.	<i>Tilvadi Lepa</i>	Lp	<i>Bhagandara</i>	<i>Moola</i>	Yo.ra.u.51/10
10.	<i>Saindhavadi Taila</i>	Tl	<i>Bhagandara</i>	<i>Moola</i>	Yo.ra.u.51/38
11.	<i>Kusthadi Lepa</i>	Lp	<i>Bhagandara</i>	<i>Moola</i>	Bha.bha.ra.914
12.	<i>Dantyadi Lepa – 3</i>	Lp	<i>Bhagandara</i>	<i>Moola</i>	Bha.bha.ra.3139
13.	<i>Saindhavadhya Taila-2</i>	Tl	<i>Bhagandara</i>	<i>Moola</i>	Bha.bha.ra.8000
14.	<i>Svarjikadhya Tala-3</i>	Tl	<i>Bhagandara</i>	<i>Moola</i>	Bha.bha.ra.8097

Table 3: Danti as an ingredient of various formulations indicated in Kustha (Skin disorders)

Sr. No.	Formulation	Dosage Forms	Rogadhikara	Part used	References
1.	<i>Dantyadi Lepa</i>	Lp	<i>Kustha</i>	<i>Moola</i>	Su.su.45/124, Cha.su.4/4, Cha.chi.7/57, Cha.chi.7/123, Ah.chi.21/56, Bhe.chi.6/65, Va. Sa.60/54,
2.	<i>Kanakakshiri Taila</i>	Tl	<i>Kustha</i>	<i>Moola</i>	Ah.chi. 21/68
3.	<i>Dantyadi Taila</i>	Tl	<i>Kustha</i>	<i>Moola</i>	Ah.chi.35/26
4.	<i>Dantyadi Kalka</i>	Kl	<i>Kustha</i>	<i>Moola</i>	Bhe.chi.6/68
5.	<i>Nikumbha Kalka</i>	Kl	<i>Kustha</i>	<i>Moola</i>	Va.sa.60/60
6.	<i>Mahamarichyadi Taila</i>	Tl	<i>Kustha</i>	<i>Moola</i>	Bha.ma.54/112
7.	<i>Brihatamarichyadya Taila</i>	Tl	<i>Kustha</i>	<i>Moola</i>	Yo.sa.pu.26/1
8.	<i>Eladu Lepa</i>	Lp	<i>Kustha</i>	<i>Moola</i>	Yo.sa.u.30/1
9.	<i>Balyadi Lepa</i>	Lp	<i>Kustha</i>	<i>Moola</i>	Yo.sa.u.30/4
10.	<i>Gandhakadi Lepa</i>	Lp	<i>Kustha</i>	<i>Moola</i>	Bha.bha.ra.1416
11.	<i>Kusthahara Lepa-6</i>	Lp	<i>Kustha</i>	<i>Moola</i>	A.h.chi.19/87

Table 4: Danti as an ingredient of various formulations indicated in Arsha (haemorrhoids)

Sr. No.	Formulation	Dosage Forms	Rogadhikara	Part used	References
1.	<i>Dantyadi Lepa</i>	Lp	<i>Arsha</i>	<i>Moola</i>	Su.su.45/124, A.s.chi.10/9
2.	<i>Nikumbhadhya Lepa</i>	Lp	<i>Arsha</i>	<i>Moola</i>	Cha.chi.14/56
3.	<i>Kasisadi Taila</i>	Tl	<i>Arsha</i>	<i>Moola</i>	A.h.chi.8/16, Va.sa.7/106, Bha.bha.ra.868
4.	<i>Mahanimbadi Taila</i>	Tl	<i>Arsha</i>	<i>Moola</i>	Bhe.chi.16/71
5.	<i>Brihatakasishadi Taila</i>	Tl	<i>Arsha</i>	<i>Moola</i>	Va.sa.7/107, Bha.ra.9/204
6.	<i>Dantyadi Taila</i>	Tl	<i>Arsha</i>	<i>Moola</i>	Va.sa.7/110, Bha.bha.ra.3080
7.	<i>BruhatKasisadi Taila</i>	Tl	<i>Arsha</i>	<i>Moola</i>	Bha.sa.ma.5/60
8.	<i>Shirishabijadi Lepa</i>	Lp	<i>Arsha</i>	<i>Moola</i>	Bha.ra.9/12
9.	<i>Kasisadhya Taila</i>	Tl	<i>Arsha</i>	<i>Moola</i>	Bha.ra.9/203
10.	<i>Bruhati kasisadhya Taila</i>	Tl	<i>Arsha</i>	<i>Moola</i>	Bha.bha.ra.6818
11.	<i>Snuhyadi Lepa</i>	Lp	<i>Arsha</i>	<i>Moola</i>	Bha.bha.ra.8074

Table 5: Danti as an ingredient of various formulations indicated in Nadi Vrana (Sinus)

Sr. No.	Formulation	Dosage Forms	Rogadhikara	Part used	References
1.	<i>Dantyadi Kalka</i>	Kl	<i>Nadi Vrana</i>	<i>Moola</i>	Su.chi17/24, Vru.ma.47/15
2.	<i>Dantyadi Taila</i>	Tl	<i>Nadi Vrana</i>	<i>Moola</i>	A.s.u. 35/26
3.	<i>Dantyadi Kwatha</i>	Kw	<i>Nadi Vrana</i>	<i>Moola</i>	Vru. 48/6
4.	<i>Kshara Sutra</i>	St	<i>Nadi Vrana</i>	<i>Moola</i>	Va.sa. 7/370
5.	<i>Dantyadi Varti</i>	Vr	<i>Nadi Vrana</i>	<i>Moola</i>	Va.sa.58/26, Bha.sa.ma.49/23
6.	<i>Dantyadi Kalka</i>	Kl	<i>Nadi Vrana</i>	<i>Moola</i>	Bha.sa.ma.49/11, Bha.sa.ma.49/14
7.	<i>Svarjikadi Taila</i>	Tl	<i>Nadi Vrana</i>	<i>Moola</i>	Bha.sa.ma.49/29
8.	<i>Prashamana Lepa</i>	Lp	<i>Nadi Vrana</i>	<i>Moola</i>	Bha.sa.ma.50/26
9.	<i>Eladu Lepa</i>	Lp	<i>Nadi Vrana</i>	<i>Moola</i>	Yo.ra.u.26/3
10.	<i>Jatadi Varti</i>	Vr	<i>Nadi Vrana</i>	<i>Moola</i>	Bha.bhe.ra.2191

Table 6: Danti as an ingredient of various formulations indicated in Kshudra Roga (Minor disease)

Sr. No.	Formulation	Dosage Forms	Rogadhikara	Part used	References
1.	<i>Kanakakshiri Taila</i>	Tl	<i>Mandala Dadru, Krimi, Pama, Vicharchika</i>	<i>Phala</i>	A.s.chi.21/68
2.	<i>Nikumbhadi Kalka</i>	Kl	<i>Keshshatru</i>	<i>Moola</i>	Vru.ma.57/69
3.	<i>Kandurakshasa Taila</i>	Tl	<i>Kacchu, Pama, Kandu</i>	<i>Moola</i>	Bha.ma.34/138
4.	<i>Dantyadi Taila</i>	Tl	<i>Kesha, Shatru, Vinashana</i>	<i>Moola</i>	Yo.ra.pu.9/3
5.	<i>Brihatamarichyadya Taila</i>	Tl	<i>Vatarakta, Pama, Visphota, Vicharchika</i>	<i>Moola</i>	Yo.ra.pu.26/1
6.	<i>Bruhatamarichyadya Taila</i>	Tl	<i>Pama, Vicharchika, Kandu, Dadru, Visphota, Valaya, Palita, Vyanga</i>	<i>Moola</i>	Yo.ra.u.30/1

7.	<i>Kachhchurakshash Taila</i>	Tl	<i>Kachhu, Pama, Kandu</i>	<i>Moola</i>	Bha.ra.54/262
8.	<i>Chitrakadi Taila</i>	Tl	<i>Keshadadru Vinasha</i>	<i>Moola</i>	Bha.ra.60/130
9.	<i>Dantyadi Lepa – 2</i>	Lp	<i>Pidika</i>	<i>Moola</i>	Bha.bha.ra.3138
10.	<i>Nimba Taila</i>	Tl	<i>Pama</i>	<i>Moola</i>	Bha.bha.ra.3505

Table 7: Danti as an ingredient of various formulations indicated in Granthi (Cyst)

Sr. No.	Formulation	Dosage Forms	Rogadhikara	Part used	References
1.	<i>GranthiBhedana Lepa</i>	Lp	<i>Granthi</i>	<i>Moola</i>	A.h.chi.19/87
2.	<i>Dantyadi Lepa</i>	Lp	<i>Granthi</i>	<i>Moola</i>	Vru.ma.41/32
3.	<i>Darana Pradeha</i>	Pr	<i>Granthi</i>	<i>Moola</i>	Sha.sa.u.4/85
4.	<i>Darana Lepa</i>	Lp	<i>Granthi</i>	<i>Moola</i>	Sha.sa.u.4/86
5.	<i>Dantyadi Lepa</i>	Lp	<i>Karna Granthi</i>	<i>Moola</i>	Yo.ra.3/7
6.	<i>Nikumbhadi Lepa</i>	Lp	<i>Granthi</i>	<i>Moola</i>	Yo.ra.3/9
7.	<i>Chirabilva Lepa</i>	Lp	<i>Granthi</i>	<i>Moola</i>	Bha.ra.1841
8.	<i>Dantimooladi Lepa</i>	Lp	<i>Granthi</i>	<i>Moola</i>	Bha.ra.3136
9.	<i>Dantyadhya Lepa</i>	Lp	<i>Granthi</i>	<i>Moola</i>	Cha.41/45

Table 8: Danti as an ingredient of various formulations indicated in Urdhavajatrugata Roga (E.N.T. Disorders and Eye Disorders)

Sr. No.	Formulation	Dosage Forms	Rogadhikara	Part used	References
1.	<i>Dantyadi Lepa</i>	Lp	<i>Karnika Patana</i>	<i>Moola</i>	A.s.u.44/54, A.s.u.46/32
2.	<i>Vyaghri Taila</i>	Tl	<i>Puti Nasagada</i>	<i>Moola</i>	Va.sa.70/32
3.	<i>Kasisadi Taila</i>	Tl	<i>Karna Palilingani</i>	<i>Moola</i>	Va.sa.73/373
4.	<i>Bruhatamarichyadya Taila</i>	Tl	<i>Valaya, Palita, Vyanga</i>	<i>Moola</i>	Yo.sa.u.30/1
5.	<i>Rudra Taila</i>	Tl	<i>Shiro Roga</i>	<i>Moola</i>	Bha.ra.65/122
6.	<i>Taptaraja Taila 1</i>	Tl	<i>Shiro Roga, Netra shoola, Karna Shoola</i>	<i>Moola</i>	Bha.ra.65/133
7.	<i>Naktandhya Ketu</i>	Rs	<i>Naktandhya,</i>	<i>Moola</i>	Bha.bha.ra.3573
8.	<i>Dantyadi Lepa</i>	Lp	<i>Karnika Patana</i>	<i>Moola</i>	A.s.u.44/54, A.s.u.46/32
9.	<i>Vyaghri Taila</i>	Tl	<i>Puti Nasagada</i>	<i>Moola</i>	Va.sa.70/32

Table 9: Danti as an ingredient of various formulations indicated in Shotha (Swelling)

Sr. No.	Formulation	Dosage Forms	Rogadhikara	Part used	References
1.	<i>Dantyadi Lepa</i>	Lp	<i>Sotha</i>	<i>Moola</i>	Su.su.36/10
2.	<i>Pidaniya Taila</i>	Tl	<i>Swayathu</i>	<i>Moola</i>	Bhe.chi.27/3
3.	<i>Dantyadi Kalka</i>	Kl	<i>Sotha</i>	<i>Moola</i>	Bha.sa.ma.47/50
4.	<i>Brihatakiratadi Taila</i>	Tl	<i>Sotha</i>	<i>Moola</i>	Bha.ra.5/1343
5.	<i>Taptaraja Taila 1</i>	Tl	<i>Swayathu</i>	<i>Moola</i>	Bha.ra.65/122
6.	<i>Dantyadi Lepa – 1</i>	Lp	<i>Sotha</i>	<i>Moola</i>	Bha.bha.ra.3137
7.	<i>Nichuladi Lepa</i>	Lp	<i>Sopha</i>	<i>Moola</i>	Bha.bha.ra.3535

Table 10: Danti as an ingredient of various formulations indicated in Gandamala (Cervical Lymphadenitis)

Sr. No.	Formulation	Dosage Forms	Rogadhikara	Part used	References
1.	<i>DantyadiTaila</i>	Tl	<i>Gandamala</i>	<i>Moola</i>	A.s.u.35/26

2.	<i>Bhallatakadi Lepa</i>	Lp	<i>Gandamala</i>	<i>Moola</i>	Yo.ra.u.18/8
3.	<i>Nikumbhadi Lepa</i>	Lp	<i>Gandamala</i>	<i>Moola</i>	Va.ji.4/19
4.	<i>Dantimuladu Lepa</i>	Lp	<i>Galganda</i>	<i>Moola</i>	Bha.ra.44/39
5.	<i>Sarshapadi Lepa-2</i>	Lp	<i>Galaganda, Gandamala</i>	<i>Moola</i>	Bha.bha.ra.8034

Table 11: Danti as an ingredient of various formulations indicated in other Disorder

Sr. No.	Formulation	Dosage Forms	Rogadhikara	Part used	References
1.	<i>Dantiyadi Kalka</i>	Kl	<i>Mushika Visha</i>	<i>Moola</i>	Su.ka.6/38
2.	<i>Dantiyadi Lepa</i>	Lp	<i>Visarpa Chikitsa</i>	<i>Moola</i>	Cha.sa.chi.21/125
3.	<i>Dantiyadi Lepa</i>	Lp	<i>Visha Chikitsa</i>	<i>Moola</i>	Cha.sa.chi.23/202
4.	<i>Dantiyadi Lepa</i>	Lp	<i>Urustambha Chikitsa</i>	<i>Moola</i>	Cha.sa.chi.27/49
5.	<i>Dantiyadi Kwatha</i>	Kw	<i>Yoni Parisheka</i>	<i>Moola</i>	A.s.u.39/34
6.	<i>Dantiyadi Lepa</i>	Lp	<i>Savarni Karana</i>	<i>Moola</i>	A.s.u.48/40
7.	<i>Dantiyadi Kwatha</i>	Kw	<i>Yoni Parisechana</i>	<i>Moola</i>	Vru.ma.64/4
8.	<i>Dantiyadi Lepa</i>	Lp	<i>Asthila</i>	<i>Moola</i>	Va.sa.49/24
9.	<i>Dantiyadi Varti</i>	Vr	<i>Yonigata Kusumsanjanani</i>	<i>Moola</i>	Va.sa.73/2
10.	<i>Kasisadi Taila</i>	Tl	<i>Vridhdhistana,</i>	<i>Moola</i>	Va.sa.73/373
11.	<i>Karviradi Taila</i>	Tl	<i>Prashastamlomashatnam</i>	<i>Moola</i>	Va.sa.73/375
12.	<i>Lasuna Taila</i>	Tl	<i>Mutrakruccha, Udavarta</i>	<i>Moola</i>	Bha.sa.ma.41/34
13.	<i>Dantiyadi Dhupana</i>	Dp	<i>Sukranigra Chikitsa</i>	<i>Moola</i>	Bha.sa.ma.71/68
14.	<i>Laghuvishagarbha Taila</i>	Tl	<i>Vataroga Chikitsa</i>	<i>Moola</i>	Yo.ra.pu.25/1
15.	<i>Mahalaxminarayana Taila</i>	Tl	<i>Vatavyadhi Chikitsa</i>	<i>Moola</i>	Yo.ra.pu.25/3
16.	<i>Dantiyadi Kalka</i>	Kl	<i>Urustambha Chikitsa</i>	<i>Moola</i>	Yo.ra.pu.27/4
17.	<i>Nikumbhadi Lepa</i>	Lp	<i>PramehaPidika Chikitsa</i>	<i>Moola</i>	Yo.ra.u.12/4
18.	<i>Sarshapadi Lepa</i>	Lp	<i>Apachighna Vilepa</i>	<i>Moola</i>	Yo.ra.u.18/3
19.	<i>Chirbilvadi Lepa</i>	Lp	<i>Apachi Darnarthe</i>	<i>Moola</i>	Yo.ra.u.22/4
20.	<i>Balyadi Lepa</i>	Lp	<i>Shwitra</i>	<i>Moola</i>	Yo.ra.u.30/4
21.	<i>Brihatapippalyadi Taila</i>	Tl	<i>Jwara Chikitsa</i>	<i>Moola</i>	Bha.ra.5/1328
22.	<i>Brihatakiratadi Taila</i>	Tl	<i>Vishamajwara, Pliha, Prameha</i>	<i>Moola</i>	Bha.ra.5/1343
23.	<i>Panchakashadhya Taila</i>	Tl	<i>Apasmara Chikitsa</i>	<i>Moola</i>	Bha.ra.25/47
24.	<i>Saindhavadi Taila</i>	Tl	<i>Bradhna, Udavarta, Gulma, Pleeha, Meha, Aadhyamaruta, Aanaha, Ashmari</i>	<i>Moola</i>	Bha.ra.43/109
25.	<i>Chitrakadi Taila</i>	Tl	<i>Keshadadru Vinasha</i>	<i>Moola</i>	Bha.ra.60/130
26.	<i>Rudra Taila</i>	Tl	<i>Snnipata Slipada</i>	<i>Moola</i>	Bha.ra.65/122
27.	<i>Taptaraja Taila 1</i>	Tl	<i>Udara Shoola,</i>	<i>Moola</i>	Bha.ra.65/133
28.	<i>Dantiyadi Kwatha</i>	Kw	<i>Yoni Parishechana</i>	<i>Moola</i>	Bha.ra.67/4
29.	<i>Dantiyadi Lepa – 1</i>	Lp	<i>Vidradhi</i>	<i>Moola</i>	Bha.bha.ra.3137
30.	<i>Dantiyadi Lepa – 2</i>	Lp	<i>Pidika</i>	<i>Moola</i>	Bha.bha.ra.3138
31.	<i>Bhallatakadi Lepa</i>	Lp	<i>Grahani Roga</i>	<i>Moola</i>	Bha.bha.ra.4908
32.	<i>Bhallatakadi Lepa -3</i>	Lp	<i>Updansha Chikitsa</i>	<i>Moola</i>	Bha.bha.ra.4917
33.	<i>Shalasharadi Lepa</i>	Lp	<i>Prameha Chikitsa</i>	<i>Moola</i>	Cha.da.35/58
34.	<i>Brihatashaindhavadhya Taila</i>	Tl	<i>Braghna Chikitsa</i>	<i>Moola</i>	Cha.da.40/28