



THERAPEUTIC ACTION OF ARAGVADHA (CASSIA FISTULA LINN.): LITERARY REVIEW

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ABSTRACT

Medicinal plants are an important part of human history, culture and tradition. The subject of medicinal plants is highly active field of scientific study all over the world. Medicinal plants and plant derivatives are widely used in traditional cultures globally and they are becoming increasingly popular in modern society as natural alternatives to synthetic chemicals. Natural products and their derivatives represent more than 50% of all drugs in clinical use. It has been observed that solutions to problems of maintenance, promotion of health, prevention and cure of diseases globally are still posing before us as challenging problems. Although today, with chemotherapeutic revolution, a multitude of useful life saving drugs are available, yet it will not to be out of place to hasten to add that we have hardly any idea of their immediate risks or remote hazards. Therefore, the evaluation of rich heritage of traditional medicine is essential. Aragvadha (*Cassia fistula Linn.*), is one of the magnificent medicinal plant described in our Ancient system of Medicine. The word Aragvadha which itself means to obliterate even the suspicion of diseases. The aim of this study was to collect, elaborate; converse the medicinal properties of Aragvadha (*Cassia fistula Linn.*) along with its therapeutic indications. Ayurvedic lexicon, its commentators and the modern text books has been reviewed thoroughly. Aragvadha (*Cassia fistula Linn.*) is the marvel drug, which portrays in all text books of Ayurvedic Sciences. This article aims to provide a comprehensive review on the remedial action of Aragvadha (*Cassia fistula Linn.*).

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INTRODUCTION

The use of plants as a source of medicine and food is as old as humanity. It has been observed that herbals occupy as mainstay in all ages and in all civilizations unconcerned with the development of synthetic and chemotherapeutic agents. Today, we find a swing towards herbals in spite of tremendous revolution in the contemporary drug development. In an environment where there is almost an incessant flow of new and newer drugs charged with uncertainties of advantages and perils, there is a need to consider on drugs claimed as relatively safer and useful and the herbal world offers an alternative strategy. It is worth mentioning that Indian medicinal plants are considered as a vast source of several pharmacologically principles and compounds that are commonly used as home remedies against multiple ailments.

Considering therapeutic importance of Aragvadha (*Cassia fistula Linn.*), a literary review has been done.

Materials Used

Ayurvedic text books have been reviewed thoroughly. The text book of Modern Medicine and index modern journal has been also referred to review the material relevant to topic.

Aragvadha (*Cassia fistula Linn*) & its Gana (Class)

Acharya Caraka has included Aragvadha (*Cassia fistula Linn*) in Kusthaghna¹, Kandughna² Mahakashaya and Virechana³, Tiktaskandha⁴ Gana while Acharya Sushrut included in Aragvadhadi⁵, Shyamadi⁶, Lakshadi⁷, Tiktaskandha⁸, Adhobhagahar⁹ and Kaphasamana¹⁰Gana. Acharya Vagbhatta included Aragvadha (*Cassia fistula Linn*) in Virechan¹¹, Aragvadhadi¹² and Shyamadi¹³Gana.

Table 1

Nighantu	Gana	Guna	Rasa	Veerya	Vipaka	Doshghantha
Bhav Prakash Nighantu ¹⁴	Haritakyadi	Guru	Madhura	Sheeta	-	Pittahara, Kaphahara
Raj Nighantu ¹⁵	Prabhadradi	-	Madhura	Sheeta	-	Kaphahara
Shaligrama Nighantu ¹⁶	Astavarga	Guru, Snigdha, Mrudu	Madhura	Sheeta	Madhura	Pittahara, Kaphahara
Dhanvantri Nighantu ¹⁷	Guduchyadi	Laghu, Sara	Madhura	Sheeta	-	Vatahara, Pittahara
Kaiyadev Nighantu ¹⁸	Haritakyadi	Guru, Mrudu	Madhura, Tikta	Sheeta	Madhura	Vatahara, Pittahara
Abhinav Nighantu ¹⁹	Haritakyadi	Guru	Madhura	Sheeta	-	Vatahara, Pittahara
Madanpal Nighantu ²⁰	Haritakyadi	Guru, Mrudu	Madhura	Sheeta	Madhura	Vatahara, Pittahara
Adarsha Nighantu ²¹	Putikarnajadi	Guru, Mrudu	Madhura	Sheeta	Madhura	Pittahara, Kaphahara
Priya Nighantu ²²	Haritakyadi	-	-	-	-	-

Table 2 Therapeutic Action of Aragvadha (Cassia fistula Linn) according to karma as per Ayurveda

Karma	B.N ¹⁴	R.N ¹⁵	S.N ¹⁶	D.N ¹⁷	K.N ¹⁸	AB.N ¹⁹	M.N ²⁰	A.N ²¹	P.N ²²	C.S ²³	S.S ²⁴	V.S ²⁵	SH.S ²⁶
Sransana	+	-	-	-	+	+	-	+	-	-	-	-	+
Ruchya	+	-	+	-	+	+	-	+	-	-	-	-	-
Koshatasudhikara	+	-	+	-	+	+	-	+	-	-	-	-	-
Pathya	+	-	+	-	+	+	-	+	-	-	-	-	-
Vistambhaghna	-	+	-	-	-	-	-	-	-	-	-	-	-
Mruduvirecana	-	-	+	-	-	-	+	-	+	+	+	+	-
Balya	-	-	-	+	-	-	-	-	-	-	-	-	-
Agnivivardhana	-	-	+	-	-	-	-	-	-	-	-	-	-

Table 3 Therapeutic Utilization of Aragvadha (Cassia fistula Linn) according to Rogagnata as per Ayurveda

Rogagnata	B.N ¹⁴	R.N ¹⁵	S.N ¹⁶	D.N ¹⁷	K.N ¹⁸	AB.N ¹⁹	M.N ²⁰	A.N ²¹	P.N ²²	C.S ²³	S.S ²⁴	A.H ²⁷	A.S ²⁸	C.D ²⁹	B.R ³⁰	V.S ³¹
Aamvata	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+
Apasmara	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	+
Arbuda	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
Aruchi	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
Ashmari	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+
Bhagandhara	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
Chardi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
Dadru	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	+
Gandmala	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
Grahani	-	-	-	-	-	-	-	-	+	-	+	-	-	-	-	+
Granthi	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	+
Gulma	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-	+
Guhyaroga	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
Hrudroga	+	-	+	-	+	+	+	+	+	+	-	+	-	-	-	-
Jvara	+	+	+	-	+	+	+	+	-	+	-	+	+	+	+	+
Kacchu	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
Kamla	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
Kandu	-	+	-	-	+	-	-	-	-	-	-	-	-	-	-	-
Karnaroga	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	+
Kasa	-	-	-	-	-	-	-	-	-	+	-	+	-	-	-	-
Kitibha	-	-	-	-	-	-	-	-	-	-	+	-	-	-	+	+
Ksudraroga	-	-	-	-	-	-	-	-	-	-	+	-	+	-	-	-
Kustha	+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+
Krumi	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
Mandala	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
Medoroga	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
Mukharoga	-	-	-	-	-	-	-	-	-	+	+	+	+	-	+	-
Mutrakruccha	-	-	-	+	+	-	-	-	-	-	-	-	-	-	+	+
Mutraghata	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
Nadi vrana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
Nasaroga	-	-	-	-	-	-	-	-	-	+	-	+	+	-	-	-
Padminikantaka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pama	-	-	+	-	-	-	-	+	-	-	-	-	-	-	-	-
Pandu	-	-	-	-	-	-	-	-	-	+	-	+	+	-	-	-
Pakshaghata	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
Parilehi	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-
Parinamshoola	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
Pinasa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prameha	-	+	-	+	+	-	-	-	-	-	+	+	+	+	+	+
Pramehapidika	-	-	-	-	-	-	-	-	-	-	+	-	+	-	-	-
Rajayakshma	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
Raktapitta	+	-	+	-	-	+	+	+	-	+	-	+	-	-	-	+
Shotha	-	-	-	-	-	-	-	-	-	-	+	+	-	-	+	+
Siroroga	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
Stanaroga	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
Sthaulya	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
Shula	+	+	+	+	+	+	+	+	-	-	-	-	-	+	-	+
Shvitra	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
Tvakdosha	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
UdaraRoga	-	-	-	+	-	-	-	-	-	+	-	+	+	+	+	+
Udavarta	+	-	+	-	+	+	+	+	-	+	-	+	-	-	+	+
Unmada	-	-	-	-	-	-	-	-	-	-	-	+	+	-	+	-
Upadamsha	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
Urustambha	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
Utputaka	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
Valmika	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
Vatarakta	-	-	+	-	-	-	-	-	-	-	+	+	-	+	+	+
Vatavyadhi	-	-	-	-	-	-	-	-	-	-	+	+	-	-	+	-
Vidradhi	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
Visha	-	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-
Visarpa	-	-	-	-	-	-	-	-	-	+	+	-	+	+	-	+
Vistambha	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vrana	-	-	-	-	+	-	-	-	-	+	-	-	-	+	+	-
Yoniyapada	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-

Aragvadha (Cassia fistula Linn) is indicated in the treatment of Kushtha as per all Nighantukar except Dhanvantri and Kaiydev Nighantu. It is beneficial in Jwara mentioned by all Nighantukar except Dhanvantri, Priya Nighantu and Susrutra samhita. It is also useful in the treatment of Hridroga as per all Nighantukar except Raj, Dhanvantri, Priya Nighantu, Susrutra samhita and Chakradutta. It is indicated in Shula by all Nighantukar except Priya Nighantu, Charak Samhita, Susrutra Samhita and Vagbhata. It is mentioned in Udavarta by all except Raj, Dhanvantri, Priya Nighantu and Susrutra samhita.

Therapeutic Ayurvedic Yoga of Aragvadha (Cassia fistula Linn) as per Acharya Charaka

S.No	YOG	ROGADHIKAR	REFERENCE
1	Sheet Kasaya	Jwara	Ch.chi.3/205
2	Jwaraghan rasa	Jwara	Ch.chi.3/233
3	Patoladiniruha	Jwara	Ch.chi.3/242-244
4	Aragvadhadiniruha	Jwara	Ch.chi.3/245-246
5	Virechanayoga	Raktapitta	Ch.chi.4/57-58
6	Darviadikwatha	Kustha	Ch.chi.7/46
7	Kanakbinduarshita	Kustha	Ch.chi.7/76-79
8	Krutmal kwatha	Kustha	Ch.chi.7/80
9	Siddhartakkwatha	Kustha	Ch.chi.7/91-92
10	Sirishadilepa	Kustha	Ch.chi.7/96
11	Mahatiktakghritum	Kustha	Ch.chi.7/144-150
12	Mahakhadirghritum	Kustha	Ch.chi.7/152-156
13	Edgajadilepa	Kustha	Ch.chi.7/161
14	Kusthghanlepa	Kustha	Ch.chi.7/164
15	Mahapanchgavyaghritum	Unmaad	Ch.ch.10/18-20
16	Vachadhighritum	Unmaad	Ch.ch.10/27
17	Virechan yoga	Udar	Ch.ch.13/68-72
18	Durlabhadi kshaar	Grahani	Ch.chi.15/178
19	Kaphajpandughanyoga	Pandu	Ch.chi.16/58
20	Pushkarmuladihima	Kasa	Ch.chi.18/111
21	Sthiradighritum	Trimarma	Ch.chi.26/23
22	Saptachchhadadiprayoga	Trimarma	Ch.chi.26/57
23	Shatavahadhoomvarti	Trimarma	Ch.chi.26/135
24	Urustambgha yoga	Urusthamba	Ch.chi.27/27
25	Shangeshtadichurna	Urusthamba	Ch.chi.27/34-35

According to Acharya Charka the therapeutic Ayurvedic kalpa which have Aragvadha (Cassia fistula Linn) as an important ingredient found to be useful in the treatment of Rasavasha & Rakhtavaha srotas diseases like Jwara, Kushtha, Raktapitta, Pandu. Ayurvedickalpa of Aragvadha (Cassia fistula Linn) is also used in unmaad, Grahani, kasa, trimarma and Urusthamba.

Therapeutic Ayurvedic Yoga of Aragvadha (Cassia fistula Linn) as per Acharya Sushrut

S.No	YOGA	ROGADHIKAR	REFERENCE
1	Patra lavan	Vat vyadhi	Su.chi.4/30
2	Drakshadhikwatha	Vatrakta	Su.chi.5/8
3	Aragvadhadikasaya	Vatrakta	Su.chi.5/10
4	Vrananashakyoga	Bhagandhar	Su.chi.6/30
5	Priyaaladikwatha	Kustha	Su.chi.9/7
6	Mahatiktakghritum	Kustha	Su.chi.9/8
7	Kusthaharayoga	Kustha	Su.chi.9/10
8	Dadrushaklepa	Kustha	Su.chi.9/14
9	Shvitraghanlepa	Kustha	Su.chi.9/16
10	Shvitraghan Yoga	Kustha	Su.chi.9/28
11	Neelaghritum	Kustha	Su.chi.9/29-33
12	Mahaneelaghritum	Kustha	Su.chi.9/34-36
13	Putikadilepa	Kustha	Su.chi.9/40
14	Kusthghna sarpi	Kustha	Su.chi.9/49
15	Mahavajrakghritum	Kustha	Su.chi.9/56-63
16	MahaKusthghna Kwatha	MahaKustha	Su.chi.10/4
17	Khadiradikwatha	MahaKustha	Su.chi.10/5
18	Arishtaprayoga	MahaKustha	Su.chi.10/6

Therapeutic Ayurvedic Yoga of Aragvadha (Cassia fistula Linn) as per Acharya Sushrut

19	Asavaprayoga	MahaKustha	Su.chi.10/7
20	Suraprayoga	MahaKustha	Su.chi.10/8
21	Lhaprayoga	MahaKustha	Su.chi.10/9
22	Kwathaprayoga	MahaKustha	Su.chi.10/9
23	Churna kriyaprayoga	MahaKustha	Su.chi.10/10
24	Ayaskriti	MahaKustha	Su.chi.10/12
25	Kasaya	Prameha	Su.chi.11/6
26	Utsaadankasaya	Pramehapidika	Su.chi.12/9
27	Churnaprayoga	Pramehapidika	Su.chi.12/9
28	KshalanarthaKasaya	Vidradhi	Su.chi.16/24
29	Aragvadhadikasaya	Visarpanaadistanaroga	Su.chi.17/40
30	Kshalanarthakasaya	Granthpacharbudaganda	Su.chi.18/6
31	Kaphagranthilepa	Granthpacharbudaganda	Su.chi.18/13
32	Pittajarbudalepa	Granthpacharbudaganda	Su.chi.18/33
33	Updandsharkwatha	Vruddhiudanshshalipada	Su.chi.19/35
34	UpdandsharPrakshaalan	Vruddhiudanshshalipada	Su.chi.19/39
35	PadminikantakghanUtsaadan	Ksudraroga	Su.chi.20/39
36	Vaalmikharalepa	Ksudraroga	Su.chi.20/51
37	Aragvadhadi sarpi	Shopha	Su.chi.23/11
37	Parilehilepa	Mishrakchikitsa	Su.chi.25/22
38	Mukhmadanarthadikwatha	MishrakChikitsa	Su.chi.25/39
39	Sleshmaghna yoga	Sarpadrustavisha	Su.k.5/45
40	Mahagada	Sarpadrustavisha	Su.k.5/61-62
41	Eksar yoga	Sarpadrustavisha	Su.k.5/64-66
42	Mushakvisaghna kwatha	Mushakvisha	Su.k.7/14
43	Utputakghna lepa	Karnpalivyadichitiksa	Su.su.16/37
44	Shodan taila	Mishrak	Su.su.18-19
45	Karnaprakshalantoya	Karanrogapratished	Su.u.16/37
46	Drakshadikasaya	Jwarapratished	Su.u.39/17
47	Rajvrikushadikwatha	Jwarapratished	Su.u.39/19
48	Raasnadikasaya	Jwarapratished	Su.u.39/199
49	Triphaladighritum	Jwarapratished	Su.u.39/244-248
50	Kaphajwaraghna niruhan	Jwarapratished	Su.u.39/311
51	Jwaraghna anuvasan	Jwarapratished	Su.u.39/312
52	Deepniyaghritum	Gulmapratished	Su.u.42/37
53	Gulmahara yoga	Gulmapratished	Su.u.42/61
54	Abhayakwatha	Pandupratished	Su.u.44/16
55	Moolakghritum	Udavarthapratished	Su.u.55/46-48
56	Arachokanupana	Araochakpratished	Su.u.57/8
57	Drakshaleha	Araochakpratished	Su.u.57/9
58	Mushtadi leha	Araochakpratished	Su.u.57/16
59	Panchagavyaghritum	Apasmarpratished	Su.u.61/37

Acharya Sushruta has mentioned Aragvadha (Cassia fistula Linn) kalpa in the treatment of Kushtha, Mahakustha, Jwara. It is also useful in the management of Vatvyadi, Vatrakta, Prameha, Pramehapidika, Vidradhi, Visarpanaadistanaroga, Granthpacharbudaganda, Vruddhiudanshshalipada, Ksudraroga, Shopha, Mishrak, Visha, Karanroga, Gulma, Pandu, Udavarta and Araochak.

DISCUSSION

Aragvadha (Cassia fistula Linn) is very imperative drug, which is mentioned from ancient time. According to Nighantus Aragvadha have Guru, Mrudu guna; Madhura, Tikta rasa; Sheeta veerya; Madhura Vipaak and Tridosahara and it is beneficial in 64 types of diseases. Hence, it is used single or combination in the form of churna, kwatha, lepa, ghritum, varti, tailum used internally or externally to cure and prevent various diseases.

Therapeutic Ayurvedic Yoga of Aragvadha (Cassia fistula Linn) as per Acharya Vagbhata

S.No	YOGA	ROGADHIKAR	REFERENCE
1	Jwarharakwatha	Jwara	A.H.Chi.1/56
2	Aragvadhadi kwatha	Jwara	A.H.Chi.1/63
3	Jwaraharakwatha	Jwara	A.H.Chi.1/18-19
4	Patoladhikwatha	Jwara	A.H.Chi.1/18-19
5	Jawarharakwatha	Jwara	A.H.Chi.1/105

Therapeutic Ayurvedic Yoga of Aragvadha (Cassia fistula Linn) as per Acharya Vagbhata

6	Vishamjawarharkwatha	Jwara	A.H.Chi.1/105
7	Kasaharkwatha	Kasa	A.H.Chi.3/44
8	Kasaharrasayan	Kasa	A.H.Chi.3/131-139
9	Shamyaakadighritum	Kasa	A.H.Chi.3/151
10	Virechana kalpa	Rajyakshma	A.H.Chi.5/34
11	Doshaharapaan	Rajyakshma	A.H.Chi.5/52
12	Mutraghataharakwatha	Mutraghata	A.H.Chi.11/12
13	Udvartan	Prameha	A.H.Chi.12/40
14	Pathadhichurna	Prameha	A.H.Chi.12/41-42
15	Kshalnarthjala	Vidradhi	A.H.Chi.13/5
16	Panduharasarpi	Pandu	A.H.Chi.16/10
17	Siddhataila	Shvayathu	A.H.Chi.17/32
18	Visarpaharlepa	Visarpa	A.H.Chi.18/32
19	Mahatiktaghritum	Kustha	A.H.Chi.19/8-10
20	Nimbadighritum	Kustha	A.H.Chi.19/11
21	Aragvadha ghritum	Kustha	A.H.Chi.19/13
22	Mahavajrakghritum	Kustha	A.H.Chi.19/19-20
23	Kutajadikwatha	Kustha	A.H.Chi.19/37
24	Siddharthakkwatha	Kustha	A.H.Chi.19/45-60
25	Karveeradyalepa	Kustha	A.H.Chi.19/61
26	Shairishadilepa	Kustha	A.H.Chi.19/63
27	Vataghna yoga	Vatvyadi	A.H.Chi.21/34
28	Kshalnarthjala	Balgrahapratishedh	A.H.U.3/41-44
29	Brahmighritum	Unmaadpratishedh	A.H.U.6/23-24
30	Mahapanchgavyaghritum	Apasmarpratishedh	A.H.U.7/19-22
31	Parilehinashak yoga	Karnarogapratishedh	A.H.U.18/45-50
32	Nasaroghna yoga	Nasarogapratishedh	A.H.U.20/7-9
33	Mukharoghna yoga	Mukharogapratishedh	A.H.U.22/103
34	Kshalnarthjala	Vrana vidynaan	A.H.U.25/41
35	Mishrak yoga	Vrana vidynaan	A.H.U.25/65
36	Ksudrarogalepa	Kshudrarogapratishedh	A.H.U.32/8-9
37	Yonirogaghankasaya	Guhyarogapratishedh	A.H.U.34/56
38	Sarpavishaghan yoga	Sarpavishapratishedh	A.H.U.36/88

Acharya Vagbhata has mentioned Aragvadha (Cassia fistula Linn) in the management of Kustha, jawar. It is also beneficial in the treatment of Rajyakshma, Pandu, Kasa, Mutraghata, Prameha, Vidradi, Pandu, shavthu, Visarpa, vatavyadhi, balroga, Unmaad, Apasmar, Karnroga, Nasaroga, Mukharoga, Vrana, ksudraroga, Guyaroga and Sarpavisha.

CONCLUSION

In the present era, people around the world seek a healthier and more natural life style that leads to herbs are being rediscovered and Aragvadha (Cassia fistula Linn) is one of the important herbal drug.

Abbreviations:-

- += Mentioned
- = Not mentioned
- B.N = Bhav prakash Nighantu
- R.N= Raj Nighantu
- S.N=Shaligram Nighantu
- D.N=Dhanvantri Nighantu
- K.N=Kaiydeva Nighantu
- AB.N=Abinav Nighantu
- M.N=Madanpal Nighantu
- A.N=Adarsh Nighantu
- P.N=Priya Nighantu
- C.S=Caraka Samhita
- S.S=Susruta Samhita
- A.H=Astang Hridayam
- A.S=Astang Samgrah
- C.D=Chakardutta
- B.R=Bhaishaj Ratnavali
- V.S=Vangsen

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