



Role of Dhataki phuspa (woodfordia fruticosa Kurz.) in pravahika

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ABSTRACT

Ayurveda is the medical science .being one of the world's oldest medical system . According to *Acharya Charaka Ayurveda* deals with the preventive and curative aspect of the disease . *Ayurvedic* texts have mentioned the use of innumerable plants and their preparations in the treatment of various diseases . The two main goals of *Ayurveda* are to protect the health of a healthy person and to eradicate the disease . These two goals can be achieved with help of *Dravya*. The imbalance of the *tridoshas* of body can be treated with the help of *Panchbhoutika Dravya*.

PRAVAHIKA as described in *Ayurvedic* texts could be compared with *Dysentery* . *Pravahika* is diagnosed by the symptoms of *Atipravahana (Tenesmus)*, diarrhoea with passage of mucous mixed stool and abdominal Cramps etc .According to *Ayurveda*, *Pravahika* is caused by excessive Intake of *Katu, Amala, Lavavna, rasa* and *Guru, Snigdha, Ruksha, Usna, Sheeta, Guna Dravyas*, Intake of excessive liquid and *Vishmashana, Alpasha*, also promotes *Pravahika* , *DHATAKI* is very useful in the management of *Pravahika* According to *acharya Charaka*, *Dhataki* is included in *purishasangrahaniya* and *mutraviranjaniya* and *sandhaniya Ganas*, *Acharya sushruta* has included *dhataki* in *priyangvada* and *ambustadi Ganas* .*Dhataki* has astringent properties there by useful in chronic Diarrhoea and *Dysentery*.

KEYWORDS : Woodfordia fruticosa, Fire flamed bush, Dhataki,

INTRODUCTION:

Fire flame bush (woodfordia fruticosa kurz .) commonly called as *Dhataki*. It is mainly emphasized in the ancient *Ayurvedic* texts as one of the most important fermentation products ,hence thae names *madyapushpa* and *madakara*. According to p.v.sharma in his *Dravyaguna vijnanam* the main function of *dhataki* is *stambhan*. *Dhataki* is widely cultivated as an ornamental shrub. It is cultivated in garden for its flowers ,which are borne during the summer months.the flowers are flame coloured,hence the name is fire flame bush , *Dhataki* flowers are useful the treatment of *dysentery*, *diarrhoea*, *sangrahani*, *raktapradar*, *lucorrhoean piles*, *liver disease* ,and also useful in disorder of mucous membranes ,*haemorrhoids*,

Botanical origin :-

Sanskrit Name – *Dhataki*

Latin name - *Woodfordia fruticosa kurz.*

Family - *Lytharaceae*

Vernacular name : *Fire flamed bush, Dhavadi, Dhaya,*

Classification - *Charaka* – *Purishasangrahaniya, Mutravirajaniya,*

Sushruta – *Priyangvadi, Ambasthadi,*

Synonyms with nirukti : *Subhiksha*- it grows abundantly

Parvatiya – it grows in hills.

Bahupushpika- it bears flowers profusely.

Gucchapushpa- it flowers are in bunches.

Datupushpi, vahnipushpa, -its flowers are fire red colour and such it is known as fire flame bush .

Dhataki – it is used in many disease.

Habitat – Found throughout india upto 1500-2000 m.

Morphology :- it is a bushy shrub,with long, spreading branches, pubescent, young branchlets and leaves with numerous small,black glands .**leaves** are oppsite or sub opposite, grey-pubescent beneath, ovate or linears-lanceolate. **Flowers** are scarlet showy, tubular or slender pedicels dilated above , borne in axillary cluster .**Fruits** are capsules, ellipsoid, membranous, included in the calyx .**Seeds** are cuneate-obovate,smooth . **Flowering** in feb-april and **fruiting** in april-june .

Rasa panchak :-

धातकी कटुरुष्णा च मद्कृद्विषनाशिनी |

प्रवाहिकातिसार?नी विसर्पव्रणनाशिनी ||

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Rasa -*kashaya* ,
Guna -*laghu, ruksha,*
virya -*sheeta,*
vipak -*katu*

Chemical composition – Flowers contains 2% tannin, hccogenin, inositol, kaeemperol-3-glucoside, naringenin-7-glucoside, woodferdins A,B,C, lawsone, etc.

Karma :- *Kahpa-pitta hara* , *Garbha sansthapaka*

Pharmacological activities :- *Antimicrobial activity, Antiulcer activity, Hepatoprotective activity, antitumor activity , wound healing activity , Immunomodulatory activity , Antifertility activity , Antibacterial activity , Antihyperglycemic activity , Antiviral activity , Antipyretic activity , Analgesic activity , Antioxidant activity , Antiproliferative activity , Antilucorrhoea activity,*

Ayurvedic properties :-

According to *Ayurveda Dhataki* is *kashaya* (astringent) in teste (*rasa*) light (*laghu*), dry (*ruksha*), in properties (*guna*) pungent (*katu*)in metabolism (*vipaka*), cold (*sheeta*),in potency (*veerya*), *kapha-pitta hara madkari* in action (*karma*) , due to these properties ,it pacify *kapha* and *pitta dosha* while aggravate *vata dosha*.flower of *Dhataki* is highly beneficial in *Atisara , raktatisara jwaratisara, pravahika, sangrahani, Raktpradara, Arsha, sarpavisha, varna, Sushruta* mentioned about the properties of *Dhataki pushpa* as *Bhagnasandhankara , pittahara , and Vranaropan* ,(su.s.su.38/45-46)

Medicinal uses :-

Charaka has mantiond *lodhra, dhataki, indrayava, karanjaand jati*-paste of these should be used in *kustha* for an ointment . (cs.ci.7.95)

Sushruta ,in conjunctivitis caused by *pitta* , powder of *dhataki* and *candana* mixed with breast milk should be used as collyrium .(su.u. 10.9)

Vagbhata, for chaild , *modaka* prepared of *dhataki* flowers ,*sarkara* and parched paddy should be given in diarrhoea.(A.H.U.1.39)

One suffering from dysentery should be take *dhataki* ,*badari* leaves ,*kapittha* juice ,honey and *lodhra*-all together with curd .(B.Pci. 2.120)

Powder of *dhataki* or *amalaki* mixed with profuse honey should be used in leucorrhoea.(V.M.63) etc..

Part used :- Flower , bark , leaves

Dosage :- 1-5 g , pushpachurna 3-6 g.

Important preparation :

Dhatakyadi taila ,*Dhatkyadi churna* ,*pusyanug churna* ,*Bhāt gangadhara churna* , *pippaliyasava* , *kankkasava* , *abhyaristha* , *ashokaristha* , *arvindasava* ,

CONCLUSION :-

This Article is an give a detail review of this Important medicinal plant used in indian system of medicine *Dhataki* (*woodfordia fruticosa kurz.*) in this article ,we had discussed about the classical refernces , phytochemicals , pharmacognostical and pharmacological properties of *woodfordia fruticosa kurz.* The various phytochemical present in it are glucoside, tannins alkloides which act as active biological constituents .*woodfordia fruticosa kurz.* Act as antimicrobial ,antitumor, antifertility, analgesic antidyentry , antiproferative etc..

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