

Sarpagandha



Botanical Name: Rauwolfia serpentina

Family - APOCYNACEAE

Vernacular names

English Name- Sepentina root, Indian snakeroot.

Hindi name -chota chand, Dhaval barua, Nayi, Nakulikand, Nkulkanda.

Kannada name - Sarpagandhi, Chandrika, sutranabhi, patala garuda.

Bihari name - Dhanmarua, Chandmarua, Isargaj, Dhanbarua, Sanachando

Telugu name- Patalagaruda, patalagandhi,

Bengali Name- Chandar, Nakuli, Sugandhanakuli, gandrahana, chandra Nolbel, amepadi.

Marathi Name- Adkayi, Adakayi, Harki, Sapasanda, Chotachand

Gujarati Name- amelpodi, Amelpadi, Norbal.

Tamil name - Carpakanta, Covanna Milpadi, sivan amalpodi, savannamibori, covanna milpori, sarppaganti, civan amal podi.

Malayalam Name- Chivan Amalpodi, Chivan Avalpori, Tullunni, Chuvanna

Synonyms -

Chandramara ,Dhavalavitapa ,Vshamardhini ,Naakuli, Gandhanakuli, Sarpasugandha, Sugandha, Mukta, Nakuleshta.

Classical categorization-

Susruta - Aparajita Gana

Dhanwantari Nighantu - Karveeradi varga

Priynighantu - Shatpuchpadi varga

Sodhala mighantu - Guduchyadi varga, Kerveeradi verga

P.V. Sharma - Rakshoghna Dharaneeya gana, Kutaja kula

Different varieties -

1.Rauvolfia tetraphylla

2.Rauwalfia densiflora

3. R vomitoria

4. R. conescence

5. R. beddomei

6. R. caffra

7. R. cumminsfi

8. R. obscura

9. R. rosea

10. R. mambasiana

11. R. volkensi

12. R. nitida chat

13. R. oreogition

Distribution- Grows in shady forests in

India. Found in UP, Bihar, Asam, Andra, Chennai, Kerala, Maharashtra states.

Morphology-

Small erect shrub, grows up to 90 cm hight.

Bark-Pale

Leaves- 3 Leaves in one whorl, lanceolate, acute or acuminate, glabrous bright green above, pale beneath, base is tapering, main nerves are 8 to 10 pairs, petiole is 8 mm long.

Inflorescence- Many flowered, irregular corymbose cymes.

Flower- White, 3 to 6 mm long, bright red, bracts beneath the pedicels triangular, acute, Calyx is glabrous, bright red, Corolla 1 to 15 cm long, tube is slender.

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Fruit- Drupes, Single, 6 mm in diameter, becomes purplish black when ripe.

Medicinal properties -

Rasa - Tikta

Guna - Rooksha dryness

Vipaka- Katu

Veerya- Ushna

Effect on Tridosha - Balances Vata and Kapha Doshas.

Prabhava - Nidrajanaka

Part used- root

Chemical constitution

-Ajmalicine, Ajmalidine, Rouhimbine, Indobinine, Reserpiline, Reserpine, Sarpagine, Serpentine, Serpentinine, Yohimbine, Ajmalimine, Ajmaline, Rauwolfinine (Perakenine), Sandwicolidine, Serpinine etc.

Dosage

Insomnia 250 mg dose per day.

For hypertension 250 mg 2 gram

Therapeutic uses

Vranahara useful to heal wound quickly.

Krumihara useful to relieve worm infestation and infection.

Useful in the treatment of insect bite, scorpion bite, rat bite etc. Removes the toxic effect of rodent bite.

Vishamajwara - useful in recurrent and chronic fever