

PIPPALI-PRISHNIPARNI- PUNARNAVA

MEDICINAL PLANTS FOR BAMS STUDENTS

PIPPALI

Piper longum

Piperaceae

- ❖ Kana, Krishna, Kola, Chapala , Tikshna tandula, Magadhi etc

GANAS

Charaka – Dipaniya , Kanthya,Asthapanopaga,
Sirovirechanopaga, Sitaprashamana, Sula prashamana ,
Kasahara , hikka nigrahana Triptighna, Vamana

Susrutha- Pippalyadi, Urdhwabhagahara,Thryushna,
Amalakyadi, Sirovirechana

Vagbhata – Pippalyadi



VARITIES

Susrutha, Vagbhata- Pippali, Gaja pippali (Piper chaba)

BP- Fruit of Chavya as Gaja Pippali

Rajanighantu- Four varieties of Pippali – Pippali, Gaja pippali, Simhali Pippali, Vana Pippali



MORPHOLOGY

- ❖ Aromatic slender climber with creeping stems , jointed to other plants while climbing
 - ❖ Leaves- are subacute , entire, glabrous , cordate at the base
 - ❖ Flowers – In pendulate spikes , straight male larger and slender
 - ❖ Fruits – Yellowish orange, aboid,sunk in fleshy spike
- 



USEFUL PART

- **Fruit, root**
- **Chemical constituents – Essential oil, mono sesquiterpenes, caryophyllene, Piperene, Piplartine, Piper longumine , Pipernonaline**

GUNAKARMA VIJNANA

Pleehaamaye Pippali (AH Su)

- Pippali should NOT be used continuously
- Cha vi – chapter 1 explains the reasons
- Learn the reasons and understand (Add in notes)
- Ardra Pippali and shushka Pippali has variable properties

पिप्पली दीपनी वृष्या स्वादुपाका रसायनी ।
अनुष्णा कटुका स्निग्धा वातश्लेष्महरी लघुः ॥५०॥
पिप्पली रेचनी हन्ति श्वासकासोदरज्वरान् ।
कुष्ठप्रमेहगुल्मार्शः प्लीहशूलाममारुतान् ॥५१॥
आर्द्रा कफप्रदा स्निग्धा शीतला मधुरा गुरुः ।
पित्तप्रशमनी सा तु शुष्का पित्तप्रकोपिणी ॥५२॥
पिप्पली मधुसंयुक्ता मेदःकफविनाशिनी ।
श्वासकासज्वरहरा वृष्या मेध्याऽग्निवर्धिनी ॥५३॥
जीर्णज्वरोऽग्निमान्द्ये च शस्यते गुडपिप्पली ।
कासाजीर्णारुचिश्वासहृत्पाण्डुकृमिरोगनुत् ।
द्विगुणः पिप्पलीचूर्णाद् गुडोऽत्र भिषजां मतः ॥५४॥ (भा.प्र)
पिप्पली ज्वरहा वृष्या स्निग्धोष्णा कटुतिक्तका ।
दीपनी मारुतश्वासकासश्लेष्मक्षयापहा ॥५५॥ (Ra.Ni)
पिप्पली कटुका स्वादुर्हिमा स्निग्धा त्रिदोषजित् ।
तृड्ज्वरोदरजन्त्वामनाशिनी च रसायनी ॥५६॥ (Dha. Ni)

DOSAGE

Powder- 0.5- 1 gm

Yogas- Pippalyadi ghrita,Pippalyasava , Vyoshadivati,Pippalyadi leha etc

Rasa panchaka

Differentiate Ardra and shushka Pippali separately in your notes

Ardra – Kapha prada, madhura, snigdha, sheethala, Pitta prashamana

Shushka – Kayu , rooksha, ushna, katu vipaka , Pitta prakopana



PRISHNI PARNI

Desmodium gangeticum

Fabaceae

Synonyms- Prithakparni, Chitrapani, Simhapucchi, Atiguha, Kalashi etc

Charaka- Angamardda prashamana , Sotha hara, sandhaneeya

Susrutha – Vidarigandhadi, Haridradi

Vagbhata – Haridradi gana



VARIETIES

Dhanwanthari nighantu- Prishniparni, Prishniparni vishesha

Morphology

- ❖ A perennial erect or ascending shrub, grows up to 2 to 4 feet.
- ❖ The stem is angular, woody with numerous prostrate branches.
- ❖ Leaves are small , ovate-oblong or rounded in shape, covered with numerous gray color numerous trichomes.
- ❖ Flowers are small (4-7 cm), purple or white in color. Calyx are 4–5 cm long, pubescent.
- ❖ Seeds are small, pale yellow, kidney-shaped.
- ❖ The lateral roots appear yellow with smooth texture.



USEFUL PART

Root

Chemical constituents -Aminoglucosyl glycerolipid, glycosphingolipid (cerebroside), flavonoids, alkaloids, and pterocarpanoids.



GUNA KARMA VIJNANA

Prishniparni sangrahika vatahara deepaneeya
vrishyaamnaam (Cha. Su 25)

पृश्निपर्णी पृथक्पर्णी चित्रपर्ण्यहिपर्ण्यपि^१ ।
क्रोष्टुविन्ना सिंहपुच्छी कलशी धावनिर्गुहा ॥ ३४ ॥
पृश्निपर्णी त्रिदोषघ्नी वृष्योष्णा मधुराऽसरा ।
हन्ति दाहज्वरश्वासरक्तातीसारतृड्वमीः ॥ ३५ ॥

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RASA CHATHUSHTAYA

Rasa – Madhura, tikta

Guna – Laghu, snigdha

Virya- Ushna

Vipaka – Madhura

Dosage – Kwatha – 50-100 ml

**Yogas- Dasamoolam kashaya , Dasamoolaarishtha,
Dasamula katutraya kwatha etc**



PUNARNAVA

Boerhavia diffusa

Nyctaginaceae

Kathillaka, Varshabhu, Sothaghni

Ganas

Charaka – Vayahsthapana , Kasahara, Anuvasanopaga

Susrutha- Vidarigandhadi



VARITIES

Shwetha and Rakta

Shwetha – *Trianthema portulacastrum*

Raja nighantu -+ Nila Punarnava



MORPHOLOGY

- ❖ Annual or perennial, prostrate, ascending or erect herb up to 1 m., sometimes with a thick taproot.
 - ❖ Stems fleshy, becoming woody towards the base.
 - ❖ Leaves – Opposite, broadly obovate , unequally paired
 - ❖ Flowers- small or minute, red or white , born in small umbels arranged in axillary and terminal panicles.
 - ❖ Fruits- 5 ribbed , Spherical glandular, 1.3 cms long
- 



USEFUL PART

Whole plant, root, leaf

Chemical constituents – Hentriacontane, Beta sitosterol, oxalic acid, Punarnavoside, Punarnavine 1, Punarnavine 2 , Boeravinone etc



GUNA KARMA VIJNANA

तेषु पौनर्नवं शाकं विशेषात् शोथनाशनम् ।

सुश्रुत सूत्रस्थान ४६

पुनर्नवा भवेदुष्णा तिक्ता रूक्षा कफापहा ।

सशोफपाण्डुहृद्रोगकासोरःक्षतशूलनुत् ॥ ३०५ ॥

वर्षाभू (पुनर्नवाविशेष)

रक्ता पुनर्नवा तिक्ता सारिणी शोफनाशिनी ।

रक्तप्रदरदोषघ्नी पाण्डुपित्तप्रमर्दनी ॥ ३०६ ॥

धन्वन्तरिनिघण्टु - गुडूच्यादिवर्ग

वर्षाभूर्मधुरा तिक्ता कषाया कटुका सरा ॥ ७५३ ॥

क्षारोष्णा दीपनी रूक्षा शोफानिलकफापहा ।

हृद्या रुच्या जयेदर्शोब्रणपाण्डुगरोदरम् ॥ ७५४ ॥

कैयदेवनिघण्टु - ओषधिवर्ग

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RASA CHATHUSHTAYA

Rasa- Tikta, kashaya

Guna- Laghu, rooksha, **sara**

Veerya- Ushna

Vipaka – Katu

Dosage – Fresh juice – 5-10 ml

Root powder- 1-3 gms

