



Understanding the Physical and Pharmacological effects of Piper cubeba: A review

Dr. Gayatri¹, Dr. Sonam Sain^{2,3}, Dr. Suvitha S.V.³,
Dr. Mohammad Aadil⁴, & Dr. Nilkanth Upadhyaya⁵

¹PG scholar, PG department of *Kriya Sharir*, National Institute of Ayurveda (deemed to be university), Jaipur

²PG scholar, PG department of *Kriya Sharir*, National Institute of Ayurveda (deemed to be university), Jaipur

³ PG scholar, PG department of *Kriya Sharir*, National Institute of Ayurveda (deemed to be university), Jaipur

⁴PG scholar, PG department of *Kriya Sharir*, National Institute of Ayurveda (deemed to be university), Jaipur

⁵PG scholar, PG department of *Kriya Sharir*, National Institute of Ayurveda (deemed to be university), Jaipur


Email Id: serviceheb@gmail.com

ABSTRACT

Plants are considering the richest research for many potential drugs. Since ancient times, herbal drugs have been used for the treatment of various disorders. These drugs are also well known in modern science due to being natural, much safer, effectiveness in curing various diseases and having fewer side effects. The secondary metabolite like tannin, saponin, flavonoids, alkaloids, and phenolic compounds are widely used in pharmaceuticals. Therefore, herbal plants are used as medicine for curing several diseases in day-to-day life. Piper cubeba (*Kankol*) is a tropical medicinal plant widely grown in Indonesia, Sri Lanka, and other regions of the globe. In India, it is mostly grown in Kerala and Karnataka. It has been reported that Piper cubeba is a potential medicinal plant having various chemical compounds like cubebin (C₂₀H₂₀O₆), *Raal*, *Taila*, Starch, Cubebic Acid. It has a volatile oil that contains Terpenes and Sesquiterpenes, which possess antimicrobial, anti-inflammatory, antibacterial, antioxidant, anti-cancerous, hepatoprotective, nephroprotective, and antileishmanial activities. It is used in the treatment of external inflammation, mouth diseases, sore throat, syphilis, internal fire, *Udavarta*, Urticaria, gas, piles, cough, bronchitis, amenorrhoea, pyuria, urinary incontinence, dyspnoea etc. Thus, the aim of this drug review is to describe the physical properties as well as the pharmacological effects of Piper cubeba on various diseases.

Keywords

Kabab Chini, Kankola, Medicinal plant, Piper cubeba, Pharmaceutical properties, Sheetal Chini

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