



**ORIGINAL RESEARCH PAPER**

**Ayurveda**

**AYURVED ASPECT OF NICOTINE (TOBACCO)  
W.S.R. AGADTANTRA & VYAVHAR AYURVED.**

**KEY WORDS:**

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**ABSTRACT**

Nicotine is also known as Tobacco. Its family belongs to Solanaceae. In Ayurveda it is described as Vanaspatij visha and in modern science it is irritant organic vegetable poison also known as cardiac poison. Leaves are hazardous to human, its dried leaves are used as drink of luxury by almost all classes of people in the form of smoke, snuff or chewing. It Contains Nicotine and nicotanine. It also used in India for chewing, smoking and snuffing, Nicotine used as insecticides.

**INTRODUCTION :**

Family – solanaceae  
Leaves are rectangular or oval, flowers are blue colour, corymb, Triangular, fruit ¾ inch length available in India. It is anti inflammatory, analgesic and krumighna. It is also used in kuchala poison, snake bite poison as antidote.

It also used in a sandhi shoth, Toothache etc.

**AIM :**

To study Ayurvedic aspect of (Tobacco) Nicotine.

**OBJECTIVE :**

- 1) To collect the literature review of Nicotine.
- 2) To study systemic effect of Nicotine.
- 3) To study toxicity of Nicotine.

**SYNONYMS :** Latin Name : Nicotiana tobacum

Sanskrit – Tamraparn kalanj, Tamal

Hindi – Tamaknu

English – Tobacco

Marathi – Tambaku

Vargaikaran :

Ayurvedic – Sthavarvish – Vanspatij visha

Modern – Irritant organic vegetable poison

Rasayanik sanghatan – Nicotine and nicotanine

**AYURVEDIC PROPERTIES :**

- 1) Guna – laghu, tikshna, vikasi, vyayayi
- 2) Rasa – tikta, katu
- 3) Vipak – katu
- 4) Virya – Ushna

**DOSHKARMA –**

Due to tikshna guna and ushna virya, it is kaphavatshamak and pittvardhak

**LOCAL ACTION :**

System Karmg

- 1) Pachanvah sansthan- Vamak, Krumighna
- 2) Swasan sanshtan - Shwasan uttejtit
- 3) Mutravah sansthan - alpamutra pravrutti
- 4) Prajanan sansthan - garbhusha uttejak
- 5) Nadisansthan - Nadisansthan uttejtit

**THERAPEUTIC USES IN DESCRIBED IN SAMHITA**

- 1) Sarpdandsh, kaphavathar, shwaskashar, Vatanuloman, Bastishodhan
- 2) Dantarukhshaman, krumi, kandu nashan-
- 3) Vrushik vishaharan, mukh Rog nashan

**AUSHADHI MATRA**

Insecticide – 1 table spoon

**FATAL DOSE –**

- 1) 1 – 2 drops of pure nicotine
- 2) 15 – 30 gms of crude tobacco

Fatal periods – 1 – 10 min

**AUSHADHIYOGA –**

- 1) Shwasgajakush
- 2) Shwaskantaavleh

**VISHAKT LAKSHANE -**

- 1) Dah, vran, mukhshoth
- 2) Vamak, Rechan, Bhram, pittakar
- 3) Alpamutra pravrutti, Atisar Murcha
- 4) Drubhalya

**VISHAKT CHIKITSA:**

- 1) Mhalaxumivilas rasa + Honey
- 2) Tankanlahi + Ghee (cow)

**POST MORTEM APPEARANCE:**

- 1) Sing's of asphyxia – smell of tobacco congestion RS and GIT lungs, liver.
- 2) Inflammation and edema of stomach lung and ulcer in stomach.

**MEDICO LEGAL IMPORTANCE:**

- 1) Poisoning is commonly accidental
- 2) Sometimes use for homicidal, suicide and Infanticide
- 3) It is used in abortifical.
- 4) Applied by soldiers on skin to avoid military duty.
- 5) Cancer of lungs, throat and tongue
- 6) It is secreted in milk.

**RESEARCH STUDIES RECENT:**

1. Nicotine does not produce the kind of euphoria or impairment that many other drugs like opioids and marijuana do.
2. Most smokers use tobacco regularly because they are addicted to nicotine.
3. Everyone knows that tobacco products are bad for your health. However, according to research, it turns out the nicotine itself--when given independently from tobacco--could help protect the brain as it ages, and even ward off Parkinson's or Alzheimer's disease..

**CONCLUSION :**

Tobacco is very potent herbal plant. It has various synonym. It belong to family solanaceae. It also used in snake bite poison, scorpion bite poison, kuchala visha. As per modern science it

is organic irritant vegetable poison and it causes hazardous effect to human being. by using tobacco for smoking, chewing causes cancer of lung, throat, and tongue, homicide, suicide rare. Research and more efforts on Tobacco gives us more use of plant mechanism of action and its effectiveness in various disorder.

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