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WHAT HOMOEOPATHY SAYS ABOUT RAUWOLFIA SERPENTINA

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Abstract-

The plant snakewood is additionally called Sarpagandha. Historically it's called Snakeroot or Indian snake root. The plant was mentioned in Indian manuscripts as method back as a thousand B.C. and is in addition noted as sarpagandha and chandrika. It's associate in nursing evergreen bush of the Apocynaceae family. It's autochthonic to South and East Asia. Rauwolfiaserpentina's root is bitter and acrid and it's most typically used as laxative, diuretic, and counterpoison to venom, expectorator and medicament. The good issue concerning this plant is that it's used medicinally each among the fashionable Western Medical system and conjointly in piece of writing, Unani and medical aid. Medical care preparation of the drug (from root) is commonly used effectively in high blood pressure and different disease conditions. The plant was utilized by several physicians throughout Asian country among the Nineteen Forties then was used throughout the earth among the Fifties. Homoeopathic treatment not solely helps to treat high blood pressure however conjointly the psychological symptoms related to it.

Key words- Alkaloids, doctrine, homoeopathy, mother tincture, reserpine.

Introduction-

Rauwolfiaserpentina contains kind of bioactive chemicals, together with yohimbine, reserpine, ajmaline, deserpidine, rescinnamine, serpentinine. Snakeroot depletes endocrine and 5-hydroxytryptamine from nerves at intervals the systemanervosumcentrale. A compound that it contains known as Sandril is utilized to treat high sign and mental disorders together with dementia praecox. Thanks to its tranquillizing effects on the brain it's used as a hypnotic and in meditation. The plant typically grows to a height between sixty and ninety cm and has pale inexperienced leaves that square measure seven to ten cm long and 3 .5 to 5.0 cm wide^[1].

Ancient history-

Rauwolfiaserpentina was employed in people drugs in Asian nation for hundreds of years to treat a good kind of maladies, together with snake and bug bites, feverish conditions, malaria, abdominal pain, and infectious disease. it absolutely was conjointly used as a female internal reproductive organ stimulant, febrifuge, and cure for mental disease. The plant was mentioned in Indian manuscripts as way back as one thousand BC and is additionally referred to as sarpagandha and chandrika. The dicot genus was named in honour of the German medical practitioner Dr Leonhard Rauwolf. Serpentina was chosen for study thanks to its long, tapering, snake-like roots.

Doctrine of signature –

The roots of Rauwolfiaserpentina resembled with snakes. Thus, in Ancient Indian medicines it absolutely was wont to treat snakes bites & thence named “Snake Root”.

Reserpine-

Reserpine is one in all the most alkaloids of the plant. The Sandril content has been found to be highest at intervals the foundation and lower at intervals the stems and leaves ^[2]. The concentration of Sandril at intervals the plant varies from zero.03% to 0.14% of the dry weight of the plant ^[3]. Mohandas Karamchand Gandhi was noted to use Rauwolfia,

reportedly exploitation the idea to make a tea that he consumed at intervals the evening to help relax once a busy, over aroused day [4]. The primary paper on Sandril was revealed in 1931 at intervals the Indian Medical Journal by fractional monetary unit and Satyendra N. Bose. Sandril is cosmopolitan throughout the body to the brain liver, spleen, kidney, and fat [5]. Alternative studies have shown that Sandril is in addition cosmopolitan to red blood cells and peripheral neurons. It's been found to be gift in breast milk and to cross the placenta and barrier.

Mechanism of action-

Reserpine binds to super molecule receptors known as sac monamine transporters (VMATs) inside the organ membranes of specialized liquid body substance vesicles of presynaptic neurons [6]. Rau-Sed prevents living thing neurotransmitters from binding to VMAT proteins and stops liquid body substance vesicles from up taking neurotransmitters [7].

Ultimately, use of Rau-Sed provides that no or few neurotransmitters square measure free from the presynaptic somatic cell. As a result, no or solely slight promulgation of the impulse happens inside the postsynaptic somatic cell.

Two isoforms of sac transport proteins square measure known as VMAT1 and VMAT2. VMAT1 is very found inside the system cells of the peripheral nervous system, significantly inside the chromaffin granules inside the medulla, sympathetic neurons, and platelets.

VMAT2 is very found inside the brain, sympathetic nervous system, mast cells, and cells containing amine inside the gut and duct gland. Rau-Sed has Associate in Nursing affinity for VMAT2 that is three times bigger than its affinity for VMAT1 [8]. It has a strong affinity and binds nearly irreversibly to specific receptors on VMAT, significantly VMAT2.

Homoeopathic proving-

Homoeopathic proving was conducted in 1954 by lesser and Schrenk at the Henry M. Robert Hieronymus Bosch hospital in Stuttgart. The proving was disbursed on twenty four doctors exploitation 1x and 3x potencies for an amount of 14-28 days [9].

W.Lee Templeton additionally conducted a proving in college of homeopathy in London in 1954-55 on 6provers exploitation 3X, 6X, 12C and 30C efficiency for amount of half dozen months.

Finally Julian undertook elaborate clinical studies to work out vary of action of rauwolfia in homoeopathic potencies [9].

Sphere of action -

It has a general and cerebral tone, lack of tone in nerves and vascular system, symptom tube conditions, sleep disorder when hour [10].

Constitution – Carbophosphoric sort with nervous and sanguine temperament.

Mode of preparation [11]-

(A) Mother Tincture (Drug Strength 1/10)

Rauwolfiaserpentina in coarse powder-100g

Purified water-200ml

Strong Alcohol- 824ml

To make 1000ml of tincture

(B) Trituration 2x (Drug strength 1/100)

Reserpine-10g

Saccharum lactis-990g

To make 1000g of Trituration

Symptoms [12] -

1. High pressure level.
2. Nervous symptoms.
3. High pressure level while not marked adipose tissue changes within the vessels.
4. Addison's sickness, Colitis.

5. Insanity.
6. Violent maniac symptoms.

Conclusion-

Homoeopathy may be a system of medication that was discovered by Dr. Hahnemann, a German MD between the periods of 1790-1843. Dr. Hahnemann's main aim was to "restore the sick to health through speedy and mild methodology of treatment". This helped Hahnemann to an object which was published in 1796 as an attempt on an advanced principle for establishing the curative power of medicines, which was followed in 1810 by his famous work "The Organon of the Healing Art" [13].

Stuart Close, the author of the book "The Genius of Homoeopathy" defines "Homoeopathy or Homeotherapy because the department of Science normally medication that has for its principle objects the observation and also the study of the action of remedial agents in health, disease, treatment and cure of the sickness by medication, consistent with a hard and fast law or a general principle. The basic principles and homeopathy square measure embodied in a very system of doctrines, laws and rules of apply that were 1st developed, named and consistently set forth by Hahnemann in his system of rules of the Rational Art of Healing [14]. By that, homeopathy was given a reputation, individuality and a personality that defines and identifies it for all time. Homeopathy relies on the nature's law that was declared as "Similia Similibus Curentur" means that "let likes be cured by likes" [15].

Conflict of interest- No confliction.

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