

## Role of Loganiaceae family in Ignatia Amara with its medicinal Uses

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### Abstract

Loganiaceae are a family of flowering plants. Drugs belonging to this group are poisonous. They are used as arrow poisons in their crude form. They have a characteristic manifestations on mind, nerves and central nervous system. This article emphasis on incidence, clinical features and pathophysiology with discussion on homoeopathic medicines indicated in this clinical conditions and importants of medicine.

**Keywords:** Introduction, common features, pathophysiology, Ignatia Amara, medicinal use

### Introduction

Drugs belonging to this group are poisonous. All patients belonging to this family are anemic. There is strong aversion to tobacco, coffee and mental work. There is desire for fatty food though it aggravates most of the complaints. In this family, remedies produce mainly two types of action, firstly hyper-reflexia, secondaly exertion and paralysis.

In hyper-reflexic state it produces oversensitivity and irritability like violent, fitful convulsion, neuralgia, fainting, hysteria, destructiveness and suicidal tendency. At the physical level they produce great exertion and functional paralysis. These remedies produce violent and frightful reflex actions.

### Important Remedies - Gelsemium

Ignatia  
 Nux vomica  
 Spigelia

**Gelsemium** - Gelsemium in crude form is a spinal poison just like strychnine which has its action on spinal cord in dynamic doses it produces symptoms resembling those of poliomyelitis, hence it is called a polio remedy. Gelsemium, a climbing plant, native to the southern states, flowers in early spring. Tincture is prepared from the root.



**Ignatia amara**-St. Ignatius bean. Especially suited to nervous temperament; women of a sensitive, easily excited nature; dark a species of strychnos. The bean is a pear shaped fruit, containing intensely bitter seed, from which is obtained the alcoholic tincture. Ignatia is famous as a remedy of great contradictions. It is a women's remedy.



Fig 1

**Nux vomica**-Poison nut the word has been taken from latin nux meaning nut and vomere meaning vomiting because of the peculiar property of the nut. It was introduced into medicine by Arabians. The seeds contain two principal alkaloids, strychnine and brucine. Strychnine is 10-20 times more poisonous than brucine. They have no odour but the taste is bitter. One crushed seed is considered to be fatal dose and 1-2 hours is fatal periods.



Fig 2

### Spigelia-Pinkroot

The demerara pink root, a glass from which this drug has been prepared was used in the days of gallen and Aristotle as a worm expeller or antihelminth.



### Theme - Two types of action

1. Paralysis & Exhaustion
2. Hyper - reflexia

### Common Features

#### Active principal-

- Strychnine
- Curarine
- Gelsemine
- Brucia

#### Constitution

Constitution -Pale, Anaemic, Dark skin, Black hair

**Temperament** - Nervous, Irritable, Hysterical Temperament

**Diathesis** - Rheumatic and Gouty Diathesis

**Miasm** - Psora

**Thermal** – Chilly

**Sphere of action** - Mucus Membranes, Nervous System, Respiratory System, Motor Sensory system, Brain and Mind

#### Patho- Physiological Action

Paralysis of voluntary and involuntary muscles resulting in

- Stupefied mind
- Relaxed spincters
- Respiratory paralysis, difficult labored breathing.
- Ptosis
- Decreased action of smooth muscles of heart.

Mucus membranes catarrhal inflammation vascular system acting through vasomotor nerves it causes passive congestion resulting in hyperemia.

Nerves neuralgia with sharp, stitching, neuralgic pain. Mind stupefaction, congestion, brooding, bad effects of overuse of brain.

Gastrointestinal tract irritation of mucus membrane, sluggishness of peristaltic action, ineffectual urging, congestion resulting in protrusion of piles, increased bile production resulting into biliousness and vomiting of bile.

#### Mental Symptoms

Hypersensitivity to all external impressions, to light, to sound, jar, motion, odors, touch.

Emotional excitability, slightest of emotion excessively aggravates their general status. Generally aggravated by stress, over joy, sorrow, grief and unfortunate love. Wants to be alone do not wish to be in anyone's company. Brooding over past gloomy events. Loves solitude, talks to one's own

self when alone. Fear of darkness, of being alone, of bad News, failure, accidents, losing precious possessions. Mental irritability, slightest of emotion irritates. Irritability increased by excitement from stimuli, alcohol, coffee, tobacco, light, odor, noise.

Nervousness extremely nervous before exams or public appearance, interviews, cannot recall properly. Poor concentration.

Suicidal thoughts wants to commit suicide but lacks the courage to do it easily angered, very excitable, quarrelsome, abusive, uses bad language.

Faultfinding finds fault with everything, nothing satisfies them.

Intolerance to contradiction cannot withstand least contradiction. Contradiction aggravates their mental and physical complaints.

Hysterical manifestations hysterical unconsciousness, loss of voice especially after bad news or disappointed love in women. Especially adapted to hysterical women who tend to become unconscious at any unfortunate events.

Gobus hystericus feeling of a ball inside the cardiac end of stomach which is not relived by vomiting

#### General Modalities

**Aggravation:** By grief, sudden joy, cold, tobacco, coffee, motion, touch, mental excitement, overuse of mind, early morning and slightest of motion.

**Amelioration:** By continued motion, damp wet weather, profuse urination, rest and evening.

#### Indications

##### Ignatia Amara

(St. Ignatius bean)

It is one of the the chief remedies for hysteria.

Rapid change of mental and physical condition, opposite to each other.

Great contradiction.

Effects of grief and worry.

Cannot bear tobacco.

Changeable mood; introspective; silently brooding. In an almost incredibly short time, change from joy to sorrow, from laughing to weeping. After shocks, grief, disappointment.

Congestive headaches following anger or grief; worse, smoking or smelling tobacco, inclines head forward.

Toothache; worse after drinking coffee and smoking.

Complaints return at precisely the same hour.

Feeling of a lump in throat that cannot be swallowed.

Tendency to choke, globus hystericus.

Follicular tonsillitis.

Sinking in stomach, relieved by taking a deep breath.

Weak feeling in upper abdomen.

Diarrhoea from fright.

Dry, spasmodic cough in quick successive shocks.

Menses, black, too early, too profuse, or scanty. During menses great languor, with spasmodic pains in stomach and abdomen. Feminine sexual frigidity.

Suppression from grief. Ulcerative pain in soles.

Sexual desire with impotency.

Thirst during a chill, no thirst in the fever.

The color changes in the face when at rest.

Sweat on the face on a small spot only while eating.

#### Conclusion

Loganiaceae family are very important in homoeopathy. This

plants medicine useful in homoeopathy. This type of medicines good result in all type of disease.

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