

A PROPHYLACTIC EFFECTIVENESS OF ELECTROHOMOEOPATHY MEDICINE S1 AND ASSOCIATE GROUP IN CORONA VIRUS (COVID-19)

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Abstract :

COVID-19 is an infectious disease caused by a Coronavirus. Coronaviruses, has positive-sense RNA viruses depicted by club-like spikes that project from their surface normally large RNA genome and an unique replication strategy. Here we provide a brief introduction about Electrohomoeopathy medicine in coronaviruses discussing possibility how Electrohomoeopathy medicine S1 and associate group can be used as prophylactic and synergistic treatment with other system of medicine in Corona infected individual. We have also discussed the plants which used in Electrohomoeopathy S1 group having antiviral property would boost immune system.

Keywords: *Coronavirus, COVID-19, Electrohomoeopathy.*

Introduction:

Brief introduction of COVID-19

COVID-19 causes respiratory infection associated with flu like symptoms such as a cold, cough, fever, sometime it showed, difficulty in breathing. This disease primarily spreads through droplet contact with an infected person via sneeze or cough. Expansion occurs when a person touches an object or surface which has the virus on it, then if person touches their nose, eyes or mouth.

Coronaviruses and groups

Coronaviruses (CoVs) are the largest group of viruses. Nidoviralesit includes Coronaviridae, Roniviridae, Arteriviridae, and families. The Coronavirinae constitute one of two subfamilies in the Coronaviridae family and other Torovirinae. The Coronavirinae are subdivided into four groups, alpha, beta, gamma and delta coronaviruses. Coronaviruses viruses were grouped according to serology and now divided by phylogenetic clustering. Nidovirales order are enveloped, non-segmented positive-sense RNA viruses.

They are great size genomes for RNA viruses while Coronavirinae having the large identified RNA genomes approximately 30 kilobase (kb) genomes. Other usual features included a highly conserved genomic organization, accessory genes, large replicase gene preceding structural, expression of number of nonstructural genes by ribosomal frameshifting, several unusual or unique enzymatic activities within the large replicase-transcriptase polyprotein and it showed expression of downstream genes by synthesis of 3 nested sub-genomic mRNAs.

The name of Nidovirales order derived from these nested 3' mRNAs as nido is Latin for "nest". The major differences within the Nidovirus families are in the number, sizes, type and structural proteins. These differences lead to significant alterations in the structural morphology of the nucleocapsids and virions [1].

Coronaviruses in Human

Before to the SARS- Coronavirus outbreak, CoVs were only opinion to cause mild, self-limiting respiratory tract infections in humans. There are two found coronaviruses in human are α -coronaviruses (HCoV-229E and HCoV-NL63), other two are β -coronaviruses (HCoV-OC43 and HCoV-HKU1). HCoV-229E and HCoV-OC43 were discovered approximately 50 years ago [2][3][4], HCoV-NL63 and HCoV-HKU1 were discovered recently identified after the SARS-CoV outbreak [5][6]. These viruses behave endemic mostly in the human populations, leading 15–30% of respiratory infections every year. They lead to severe disease in the elderly, neonates and in individuals with underlying chronic and acute illnesses, with a greater incidence of lower RTI (respiratory tract infection) in these populations. HCoV-NL63 is also connected with acute laryngotracheitis or croup [7].

Electrohomoeopathy a combination plants medicine can be effective in viral infection including Coronavirus

Electrohomoeopathy is a plant-orientated system of herbal medicine. Electrohomoeopathy medicine prepared by Cohobation process in which there is repeated distillation of the same matter, with the liquid drawn from it that liquid being poured again and again upon the matter left at the bottom of the vessel [8].

In Electrohomoeopathy, natural electrolytes are collected from plants through the fermentation for curing diseases and infection. In this pathy combination of plants medicine used for the treatment of all kind of diseases rapidly without creating any side effects. There are 8 groups of combination medicine used in Electrohomoeopathy like Scrofoloso group, Linfatico group, Angioitico group, Pettorale, Febrifugo, Vermifugo, Cancerosogroup and Venereo group [9].

PLANTS USED IN S1 GROUP OF ELECTROHOMOEOPATHY.

There are 9 combination plants used in S1 group of Electrohomoeopathy medicine most of the plants having antiviral, antimicrobial, antiseptic, immunomodulatory effect along with other uses. We have review chemical compositions and medicinal use including viral infection. In combination with S1 group depend on the severity of infection Canceroso (C) preferably (C5), red electricity (R.E), Pectoral group (P) preferably P1, Febrifugosgroup (F) preferably (F1), Vermifugo group (Ver) preferably (Ver1) can be used for synergistic action. As discussed by various Electrohomoeopathy consultant for better treatment in viral infection all the groups of medicine contain multiple plants extract known as Spagyric essence which includes mineral constituent preserves the vital energies of the plant medicines retain the electrolyte properties of the plants and this is critical for healing process.

1- COCHLERIA OFFICINALIS

Cochlearia officinalis, the common scurvygrass, scurvy-grass or spoonwort, is a flowering plant of the genus *Cochlearia* in the family Brassicaceae. The major active constituent of *Cochlearia officinalis* is Vitamin C and amino acid. It is an essential nutrient involved in the repair of tissue and the enzymatic production of certain neurotransmitters [10] [11]. [A][B] It is required for the functioning of several enzymes and is important for immune system function [11][12]. It also functions as an antioxidant and help to control the infection in the body.

2- HYDRASTIS CANADENSIS

Hydrastis canadensis is also called as Goldenseal, orangeroot or yellow puccoon, is a perennial herb in the buttercup family Ranunculaceae. The major active constituent of *Hydrastis Canadensis* is goldenseal include isoquinoline alkaloids. It having activity of antibacterial effects, anti-parasitic effects, anti-fungal effects, anti-inflammatory effects, anti-proliferative effects, cardiovascular effects, antidiabetic and muscular stimulant [13].

3- NASTURTIUM

Tropaeolum, commonly known as nasturtium or Nasturtian is a genus of roughly 80 species of annual and perennial herbaceous flowering plants. It was named by Carl Linnaeus in his book *Species Plantarum*, and is the only genus in the family Tropaeolaceae. The major active constituents of *Nasturtium*, Sulfurous glycosides: glucotropaeolin. Oxalic acid and Spilanthol [14]. *Nasturtium* is a good source of immunity-boosting vitamin C and may be used as a natural remedy for helping the body overcome and prevent the common cold and flu. All parts of the plant seem to have strong antibiotic and antimicrobial properties, promoting the formation of red blood cells, this herb is used primarily as an herbal remedy for urinary tract infections [15].

4- SCROPHULARIA NODOSA

Scrophularia nodosa also called figwort, woodland figwort, and common figwort is a perennial herbaceous plant found in temperate regions of the Northern hemisphere except western North America. The major active constituents are iridoid glycosides, phenolic acids and triterpenoid glycosides have been identified as the three main chemical compositions of *Scrophularia*. Among them, scropoliosides like iridoid structures have shown potential for immunostimulant, Antibacterial, Hepatoprotective, anti-inflammatory, and wound healing activity effects [16].

5- SMILAX MEDICA

Smilax aristolochiifolia, also known as gray sarsaparilla family Smilacaceae. It contain cortisone and other steroids, saponins, organic acids, flavonoids, sitosterol and stigmasterol, main chemicals of sarsaparilla are acetyl-parigenin, astilbin, beta-sitosterol, caffeoyl-shikimic acids, dihydroquercetin, diosgenin, engeletin, essential oils, epsilon-sitosterol, eucryphin, eurphylin, ferulic acid, glucopyranosides, isoastilbin, isoengenitin, kaempferol, parigenin, parillin, pollinastanol, resveratrol, rhamnose, saponin, sarasaponin, sarsaparilloside, sarsaponin, sarsasapogenin, shikimic acid, sitosterol-d-glucoside, smilagenin, smilasaponin, smilax saponins A-

C, smiglaside A-E, smitilbin, stigmasterol, taxifolin, and titogenin. This traditional medicine used to treat leprosy, tumors, cancer, psoriasis, rheumatism and toothache. It is also used as tonic for anemia and skin diseases. It is reported to have anti-inflammatory, testosterone, aphrodisiac and progesterone effects. Therefore, sarsaparilla roots are often promoted as male rejuvenator not only that but it was used to build lean body mass by some gym enthusiasts. Also it is believed to improve digestion and arouse appetite [17].

6- TUSSILAGO FARFARA

Tussilagofarfara, commonly known as coltsfoot, is a plant in the groundsel tribe in the daisy family Asteraceae. The major active constituents are 1-nonene, α -phellandrene and ρ -cymene [18]. It is used in the treatment of respiratory tract, viral infections, flu, colds, fever, skin, locomotor system rheumatism and gout [19].

7- VERONICA OFFICINALIS

Veronica officinalis, the heath speedwell, common gypsyweed, common speedwell, or Paul's betony, is a species of flowering plant in the plantain family Plantaginaceae. The major active constituents are polyphenolic compound, gentisic acid, caffeic acid, chlorogenic acid, coumaric acid, ferulic acid, sinapic acid, quercitrin, quercetin, luteolin and apigenin, Ergosterol, Brassicasterol and Phytosterol [20]. It is used in the treatment of lungs infection, people gargle with veronica to treat sore mouth and throat. Veronica is used as a tonic, to cause sweating, to "purify" blood, and to increase metabolism. It is also used in treatment like gastrointestinal tract, bladder and urinary tract disorder, gout, arthritis, muscle and joint pain (rheumatism), loss of appetite, liver problems, and diseases of the spleen. It is sometimes applied directly to the skin to stop foot perspiration, heal wounds, and treat ongoing skin problems and itching [21].

8- STRYCHNOS NUXVOMICA

The strychnine tree also known as nux vomica, poison nut, semen strychnos, and quaker buttons, is a deciduous tree native to India and to southeast Asia. It is a medium-sized tree in the family Loganiaceae. The major active constituents are α -amyrin, vomicine, stearic acid, β -sitosterol, vanillin, ethyl gallate, methyl gallate, novacine, strychnine, daucosterol, brucine chloromethochloride, loganic acid, strychnine chloromethochloride, brucine, geniposide and loganin [22]. Despite serious safety concerns, Nuxvomica is used for lung disease, diseases of the digestive tract, disorders of the heart and circulatory system, diseases of the eye. It is also used for nerve conditions, depression, migraine headache, symptoms of menopause, and a blood vessel disorder called Raynaud's disease. Other uses include treatment of tired blood (anemia), as a tonic, and as an appetite stimulant. Men use Nux vomica for erectile dysfunction [23].

9- MATRICARIA CHAMOMILA

Matricariachamomilla commonly known as chamomile an annual plant of the composite family Asteraceae. The highest chemical constituent presents in Matricariachamomilla are β -farnesene, α -farnesene, α -bisabolol and its oxide, chamazulene, germacrene D, spiroether, coumarin, galaxolide, and camphor [24]. Study suggested Matricaria chamomile showing strong antiviral property compare to modern antiviral therapy.

Matricariachamomila also used for the treatment of cough and bronchitis, fevers, cold, inflammation, infection, wounds and burns [25].

PREVENTION MEASUREMENT FROM COVID-19

Prevention from the Coronaviruses is bigger challenge today here we have discussed the way we can minimize spread of COVID-19.

- A- The virus mostly spreads from one person to another person. Avoid the close contact with one another.
- B- Respiratory droplets come out when an infected person sneezes or cough. These droplets might be land in the noses or mouths of people if they are nearby or possibly droplet land to the surface or any object.
- C- Clean hands and wash your hands often with water and soap not less than 20 seconds especially when you visited to a public place and after sneezing, coughing or blowing your nose.
- D- Water and soap not available, use a hand sanitizer that contains alcohol or rectified spirit with green electricity (G.E) a Electrohomoeopathy dilution easily available in Electrohomoeopathy clinic.
- E- Cover entire surfaces of your hands.
- F- Avoid touching nose, eyes and mouth with unwashed hands.
- G- Make distance from people who are sick.
- H- Stay home in case you are sick. Take the symptomatic medication after consultation with doctor.

What to do when you are sick

- A- Should wear a facemask when around other people
- B- Unable to wear a facemask (if lead to breathing trouble) then cover your sneezes, coughs, and people around you must wear a facemask.

What to do when you are not sick

- A- Facemask not require unless you are surrounding to someone who is sick).
- B- Clean and disinfect timely all the surfaces you are touching daily like doors handles, tables, light switches, countertops, desks, keyboards, phones, toilets, faucets, and sinks.
- C- Unclean surfaces should be wash routinely with soap or detergent, water prior to disinfection [26].

Conclusions

There is currently no vaccine to prevent (COVID-19) are available. All the government, WHO and health center creating awareness. There are several trail is running for curative treatment, medicine and vaccine for Coronavirus. Electrohomoeopathy medicine S1, C5, R.E, P1, F1 and Ver1 are multiple combination medicine plants medicine and these plants already having antiviral, immunomodulatory property can be used as prophylactic treatment and along with modern system of medicine for synergistic action during COVID-19 health crisis.

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