

MODERN HERBAL MEDICINE “ELECTROPATHY/ELECTROHOMOEOPATHY” FOR COVID-19

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Abstract

Corona viruses are a family of viruses that can cause illnesses such as the common cold, severe acute respiratory syndrome (SARS) and Middle East respiratory syndrome (MERS). In 2019, a new corona virus was identified as the cause of a disease outbreak that originated in China. The virus is now known as the severe acute respiratory syndrome corona virus 2 (SARS-CoV-2). The disease it causes is called corona virus disease 2019 (COVID-19). In March 2020, the World Health Organization (WHO) declared the COVID-19 outbreak a pandemic. During these situation Asian countries most of the traditional and natural based medical systems help us the society without vaccine so here we explain how the system Electropathy help to exit the pandemic.

Keywords: *Corona virus, COVID-19, Electropathy, Electrohomoeopathy, Modern herbal medicine, Spagyric medicine.*

Introduction

In December 2019, a pneumonia outbreak was reported in Wuhan, China on 31 December 2019, the outbreak was traced to a novel strain of corona virus which was given the interim name 2019-nCoV by the WHO, later renamed SARS-CoV-2 by the International Committee on Taxonomy of Viruses.

As of 23 April 2020, there have been at least 184,643 confirmed deaths and more than 2,658,062 confirmed cases in the corona virus pneumonia pandemic. The Wuhan strain has been identified as a new strain of Beta corona virus from group 2B with approximately 70% genetic similarity to the SARS-CoV. The virus has a 96% similarity to a bat corona virus, so it is widely suspected to originate from bats as well the pandemic has resulted in travel restrictions and nationwide lockdowns in several countries.

About the virus

Corona viruses constitute the subfamily Orthocoronavirinae, in the family Coronaviridae, order Nidovirales, and realm Riboviria. Human corona viruses were discovered in the 1960s. The virus since been identified, SARS-CoV in 2003, HCoV NL63 in 2004, HKU1 in 2005, MERS-CoV in 2012, and SARS-CoV-2 in 2019.

About Electropathy Medicine

Electropathy is a pure plant based medical system which regulates both Lymph (Lymphocytes) and Blood (RBC). It is natural, harmless, unique, non-toxic and no side effects whatsoever. The medicines are prepared by the Spagyric principle (Bio technical extraction), so the medicines work in three way dimension i.e. Prophylactic, Palliative and Curative.

It is a complete medical system based on “Law of Nature” the system invented by Italian Alchemist Count Cesare Mattei(1809-1896) in 1865 at bologna city, Italy and his system got official recognition from the ruler and pop of Italy.

The system regulates the physical and chemical consistency of the cell or the harmonious relation between the blood and lymph so the cause of disease is “vitiating of blood or lymph”. The system contain true diagnosis i.e. Temperament

Etymology

The name "corona virus" is derived from Latin corona, meaning "crown" or "wreath", The name was first used in 1968 by an informal group of virologists in the journal Nature to designate the new family of viruses. The name refers to the characteristic appearance of virions.

Genome

Corona viruses contain a positive-sense, single-stranded RNA genome. The genome size for corona viruses ranges from 26.4 to 31.7 kilobases. The genome size is one of the largest among RNA viruses. The genome has a 5' methylated cap and a 3' polyadenylated tail

The genome organization for a corona virus is 5'-leader-UTR-replicase/transcriptase-spike (S)-envelope (E)-membrane (M)-nucleocapsid (N)-3'UTR-poly (A) tail. The open reading frames 1a and 1b, which occupy the first two-thirds of the genome, encode the replicase/transcriptase polyprotein. The replicase/transcriptase polyprotein self cleaves to form nonstructural proteins.

Transmission

The interaction of the corona virus spike protein with its complement host cell receptor is central in determining the tissue tropism, infectivity, and species range of the virus. The SARS corona virus, for example, infects human cells by attaching to the angiotensin-converting enzyme 2 (ACE2) receptor.

It has been well-known that SARS-CoV-2 appears to be optimized for binding to the human receptor ACE2 (angiotensin-converting enzyme) that the SARS-CoV-2 spike (S) glycoprotein binds to the cell membrane protein angiotensin-converting enzyme 2 (ACE2) to enter human cells.

COVID-19 has been shown to bind to ACE2 via the S protein on its surface. During infection, the S protein is cleaved into subunits, S1 and S2. S1 contains the receptor binding domain (RBD) which allows corona viruses to directly bind to the peptidase domain (PD) of ACE2. S2 then likely plays a role in membrane fusion.

Taxonomy

The scientific name for corona virus is Orthocoronavirinae or Coronavirinae. They are divided into alphacorona viruses and betacorona viruses which infect mammals – and gamma corona viruses and delta corona viruses which primarily infect birds.

Human corona viruses

According to the severity of the symptoms it is classified into two types

Four human corona viruses produce symptoms that are generally mild:

- Human corona virus OC43 (HCoV-OC43), β -CoV
- Human corona virus HKU1 (HCoV-HKU1), β -CoV
- Human corona virus 229E (HCoV-229E), α -CoV

- Human corona virus NL63 (HCoV-NL63), α -CoV

Three human corona viruses produce symptoms that are potentially severe:

- Middle East respiratory syndrome-related corona virus (MERS-CoV), β -CoV
- Severe acute respiratory syndrome corona virus (SARS-CoV), β -CoV
- Severe acute respiratory syndrome corona virus 2 (SARS-CoV-2), β -CoV

Outbreaks of covid-19 till April 30th

Date of first identified case	Location of first identified case	Age range	Sex ratio (M:F)	Confirmed cases	Deaths	Cas e fatality rate
December 2019	Wuhan, China	56	1.6:1	2,658,062	184,643	6.9%

Symptoms

Signs and symptoms of COVID-19 may appear two to 14 days after exposure and can include

- Fever
- Cough
- Shortness of breath or difficulty breathing

Other symptoms can include

- Tiredness
- Aches
- Runny nose
- Sore throat
- Headache
- Diarrhea
- Vomiting
- Some people have experienced the loss of smell or taste.

The severity of COVID-19 symptoms can range from very mild to severe. Some people may have no symptoms at all. People who are older or who have existing chronic medical conditions, such as heart disease, lung disease or diabetes, or who have compromised immune systems may be at higher risk of serious illness. This is similar to what is seen with other respiratory illnesses, such as influenza.

Diagnosis

Clinical diagnosis is based on epidemiological history, Real-Time Reverse Transcription Polymerase Chain Reaction (rRT-PCR) from a nasopharyngeal swab. Various Immune identification technology such as point-of-care-testing (POCT) of IgM/IgG to Detect the antibodies produced against the virus in the blood are employed in diagnosing COVID 19.

Complications

Most people with COVID-19 have mild to moderate symptoms, the disease can cause severe medical complications and lead to death in some people. Geriatrics or people with existing chronic medical conditions are at greater risk of becoming seriously ill with COVID-19.

Complications can include:

- Pneumonia in both lungs
- Organ failure in several organs
- Active smokers and those with COPD

Treatment

The art of healing is very much important in the field of Electropathy. It includes various modes of treatment or techniques. The information from Persian Traditional Plants described by Avicenna in the Canon of Medicine and a number of more current scientific databases, with a focus on angiotensin converting enzyme inhibitory activity of the plants of *Allium sativum* and *Vitisvinifera*[3] the synergetic action of Electropathy medicine work as a prophylactic, palliative and curative. And the system of medicine Electropathy successfully treat various viral disease in past.

The Cochlearia Cp. (S1), Polygala Cp.(P9), Allium Cp.(Verm1), Rhondereon Cp.(RE) Medicines are work under various way in the body to overcome the disease.

Prophylactic

While in the pandemic situation the preventive medicines are very effective to control the spread of infection and reduce the risk of the country/territory. According to Electropathy the Cochlearia Cp. works as a best prophylactic medicine for any kind of viral disease because for the prophylactic action the immunity is very much important. To enhance the immunity following three things are very much essential i.e. protein (amino acids), vitamins (A&C), minerals (iron, zinc) which is abundant in Cochlearia Cp.

Medicinal Uses of Cochlearia Cp.

- Cochlearia Cp. contains a high concentration of vitamin C. It may also be able to fight bacteria and act as a laxative.
- Considered a good blood purifier and has been recommended for rheumatism, dropsy, and venereal diseases. It is also used for gout, arthritis, stomachache and fluid retention.
- It is good for urinary bladder problems and promotes kidney function in this way it helps heart disease by relieving fluid retention.
- It relieves indigestion and stops gas formation also stimulates rate of metabolism and is taken as a tonic.
- Its high vitamin C content makes it a good prophylative. Very good as a post-partum (after childbirth) remedy to prevent infections.

- The richness of its minerals like iron and iodine content regulates glandular function and stimulates the appetite.

Biochemical Information

Cochlearia Cp. Contains Calcium, chlorine, cobalt, copper, tannin, fluorine, iodine, iron, manganese, phosphorus, sulfur, vanadium, vitamins A, B1, B2, C, D, and zinc.

Palliative and Curative

This is the prodromal phase or diseased phase whether it is symptomatic positive or asymptomatic positive this stage useful the following medicine i.e. Polygala Cp-Organ specific

Allium Cp-ACE2 Inhibitory action

RhondereonCp- ACE2 Inhibitory action

The synergetic action of combined medicinal plants gives the following effects on the human organism.

Medicinal Useof Polygala Cp.

- Polygala Cp. treats the cough and congestion due to colds, asthma, fever, flu, pleurisy, as well as hoarseness and catarrhal problems.
- It is used for treating coughs, bronchitis, in reducing excess mucus, and in alleviating sore throat, as well as chronic nasal congestion.
- It contains a good source of vitamin A, vitamin C and niacin which is needed for good vision and a healthy immune system. The antispasmodic action used to treat colic, asthma, cough, sore throat and hiccups.
- It is also used for breathing problems including bronchitis, whooping cough, asthma and other respiratory problem.

Biochemical information

Polygala Cp. Contains populnin, procyanidin, prodolphinidin, quercetins, quercitronone, quinic acid, rhodoxanthin, rutin, shikimic acid, violaxanthin, and zeaxanthin are chemicals found in avenca,

Medicinal Use of Allium Cp.

- Allium Cp. is used to expel worms in the body and used to relieve intestinal infection.
- It acts directly on intestinal mucous membrane increasing peristalsis and enhances flora in the intestine to prevent infection by harmful bacteria.
- It has a measurable amount of germanium (a mineral that strengthens the immune system) and is excellent in healing of wounds.
- It is useful for the control of glucose tolerance for both high and low sugar in the body by helping to reduce or increase insulin requirement.
- It also helps to reduce blood cholesterol and protect against narrowing of the arteries.
- The chemical present in Allium Cp. activates enzymes in the liver that destroy Alfa toxin. Alfa toxins are leading cause of liver cancer in the world.
- It stimulates the bowel and cures the constipation. It also helps to control fever, bacteria and stimulates blood circulation and revitalizes blood.
- It is a powerful detoxifier providing protection against pollutants heaving metal toxicity.
- It strengthens the heart it also nourishes has a positive effect on stomach, spleen and lungs.

- It reduces fetidity in pulmonary gangrene and relieves tuberculosis.
- It acts as anti-septic and relieves inflammations and infections of the intestines and stomach.

Medicinal Use of Rhondereon Cp.

- The Rhododendron Cp. is antirheumatic, diaphoretic and diuretic; it is used in the treatment of certain forms of arthritis and rheumatism.
- It increases the heat of the body, excites thirst and produces diaphoresis or an increased discharge of the other secretions or excretions.
- It contains chemicals that interfere with the electrical activity of nerves, which relieves the pain associated with some conditions.

Prevention

According to WHO recommendations follow these precautions for avoiding COVID-19

- ✓ Avoid large events and mass gatherings.
- ✓ Avoid close contact (within about 6 feet, or 2 meters) with anyone who is sick or has symptoms.
- ✓ Keep distance between yourself and others if COVID-19 is spreading in your community, especially if you have a higher risk of serious illness.
- ✓ Wash your hands often with soap and water for at least 20 seconds, or use an alcohol-based hand sanitizer that contains at least 60% alcohol.
- ✓ Cover your mouth and nose with your elbow or a tissue when you cough or sneeze. Throw away the used tissue.
- ✓ Avoid touching your eyes, nose and mouth.
- ✓ Avoid sharing dishes, glasses, bedding and other household items if you're sick.
- ✓ Clean and disinfect high-touch surfaces daily.
- ✓ Stay home from work, school and public areas if you're sick, unless you're going to get medical care. Avoid taking public transportation if you're sick.

Conclusion

Most of the people infected with the COVID-19 virus will experience mild to moderate respiratory illness and recover without requiring special treatment. Older people and those with underlying medical problems like cardiovascular disease, diabetes, chronic respiratory disease, and cancer are more likely to develop serious illness.

The best way to prevent However, there are many ongoing clinical trials evaluating potential treatments. The AYUSH system of medicines and various Traditional medicines serve the society including the Cochlearia Cp., Polygala Cp., Allium Cp., Rhondereon Cp. Of Electropathy to regain the existing pandemic situation when the government machinery initiate the work under the guideline "Monitored Emergency use of Unregistered Investigational Interventions" of World Health Organization.

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