

Role of pathogenic and anti-pathogenic factors in the development of the COVID-19 pandemic
from the point of view of traditional medicine

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SUMMARY

The article examines the influence of pathogenic and anti-pathogenic factors on the course of the Covid19 pandemic from the point of view of Avicenna's traditional medicine. The issues of the state of human cellular immunity, the nature of the virus, the causes of complications and ways of healing from this disease are considered on the basis of the study of internal factors, types of mizojas, mental - psychoemotional disorders, which are of great importance in traditional medicine.

Keywords: pandemic Covid19, coronavirus, cellular immunity, mizoj, Avicenna medicine.

RESUME

The article examines the influence of pathogenic and antipathogenic factors on the course of the Covid19 pandemic from the point of view of Avicenna's traditional medicine. The issues of the state of human cellular immunity, the nature of the virus, the causes of complications and ways of healing from this disease are considered on the basis of the study of internal factors, types of mizojs, mental - psychoemotional disorders, which are of great importance in traditional medicine.

Keywords: pandemic Covid19, coronavirus, cellular immunity, mizoj, Avicenna medicine.

Relevance. WITH the emergence of pandemics Covid-19 carried out numerous discussions about the causes and ways of healing from this disease with the participation of specialists, virologists, clinicians, clergy and other communities. Unfortunately, there is no consensus on the ways to cure the Covid-19 pandemic. Discussions are mainly devoted to the virus and the creation of a vaccine. Nothing concrete is said about a person, his immunity, especially the state of cellular immunity, the reasons for his weakness and methods of his restoration. The spiritual component of the pandemic is spoken of in general terms. In Avicenna's medicine, original answers can be found on questions about the causes of the pandemic, viruses, cellular immunity, and ways of healing.

Purpose of the study. Study of the role of pathogenic and antipathogenic factors in the development of the Covid-19 pandemic based on Avicenna's medicine.

RESULTS OF THE STUDY

The concept of etiological factors in Avicenna's medicine largely coincides with the corresponding concepts of modern medicine. It was also found that the reasons for the development of the disease can be: living conditions, place of residence, food and nutrition, seasons, movement and rest, psychoemotional disorders, bioclimatic factors such as wind, heat, humidity, dryness and cold, as well as hereditary factors [13, 26, 9].

In traditional medicine, in comparison with modern medicine, great importance is attached to internal factors and mental - psychoemotional disorders.

Unburdened heredity, good body composition - genetically full-fledged development of organs, an abundance of innate warmth are important internal antipathogenic factors. Mizoja poise also belongs to the category of antipathogenic factors. According to the theories of traditional medicine, a person with a balanced mizoj is least susceptible to the influence of pathogenic factors, and even if he is sick, he easily recovers.

One of the important elements of the body's defense system is the state of innate warmth, on the strength of which the stability of anti-pathogenic factors and the body's immunity to the action of pathogenic factors depend.

Traditional medicine recognizes the role of infection in the development of disease, but attaches less importance to it than the state of the body's primary juices: blood, yellow bile, black bile and mucus. The validity of this approach lies in the fact that any microorganism can grow and develop under certain conditions, in a certain environment. The environment for the development of microorganisms is pathologically altered primary body juices. If the force of the pathogenic factor is strong, but the exposure time is short, it may not overcome the resistance of the antipathogenic factors. With prolonged exposure, antipathogenic factors are gradually depleted and the disease develops [19, 16, 5, 25, 17, 14].

The energy of darkness forms the aura of the Covid-19 pandemic.

Darkness is icy cold, ayos is dry cold without precipitation, which has a strong destructive potential, another manifestation of darkness is sweat fire [21, 26].

Penetrating into the body, darkness significantly suppresses the physiological function of organs, sometimes completely freezes it. T- and B-lymphocytes are formed in the bone marrow, darkness reduces the production of T-, B-lymphocytes. Even if they appear, due to the extreme cold they do not ripen, as a result of which the immune system cannot protect the body from viruses and pathogenic microbes.

Spiritual problems are the main source of the creation of darkness in the body, evil - evil thoughts, evil words, evil deeds violate the harmony and order in systems and the natural course of evolution, increasing evil takes control of the furrows. As a result, disorder, destruction, chaos and disintegration of the system develop [1, 11, 3, 4, 6, 18]. The destructive potential of evil creation is increasing (the virulence of viruses is increasing). It is these processes that have recently begun to dominate all over the world.

The soul has 4 branches:

- 1) mineral soul;
- 2) vegetable soul;
- 3) animal soul;
- 4) the human soul.

Each branch of the soul forms its own functional system, controls certain spheres of spirituality and physiological functions of the body. Covid-19 mainly affects the mineral soul. Central organ: pancreas and spleen, left kidney, diverting meridians - bladder and large intestine, skeletal system, connective tissue, matter - black bile, mizoj

- dryness, coldness, chakras - Muladhara, Svadhisthana and Yin Manipura, energy axis cold - dryness, region - left half of the abdomen, left leg, lower back on the left.

Function:

1. Long-term memory, genetic information.
2. Procreation - body formation (sexual problems).
3. Immunity: innate and cellular immunity.
4. Mineral exchange.
5. Spiritual strength - ifat (chastity) - purity of thoughts, purity (of words) language, purity of the sexual sphere, purity of food - obtained in an honest way.
6. Controls the level of unconsciousness.

Factors that interfere with the functions of the mineral soul

I. Physical factors.

Excessive and regular consumption of drinks and foods with a cold and dry nature: food from the refrigerator, soft drinks, drinks: compotes from a dry cold nature - peach, cherry, apple, carbonated (CO₂), dry mint, sour foods, salted, pickled, canned, vinegar, as well as prolonged fasting and diet, antibiotics, etc. cool the nature (cold - dryness) of the organs of the functional system of the mineral soul, make it difficult to cleanse it of negative energies, as a result, lead to a decrease in innate and cellular immunity.

II. GMO products, food and drinks with improved palatability, Cola, Fanta, Sprite, fast food, food colors, dietary supplements, vitamins, tremors, fatty and fried foods, refined foods, alcohol, drugs generate a lot of heat (pure fire - nature: heat - dryness) cause an overreaction of the immune response.

Spiritual factors

1. Anger - due to weakness or lack of quality of the ability to forgive, internal anger (resentment) turns into anger and is transferred for long-term storage in the spleen (level of unconsciousness) in anticipation of a convenient circumstance to take revenge (resentment - anger - revenge).

2. Negative qualities associated with language: foul language, lies, gossip, slang speech, betrayal, slander.

3. Negative manifestations of the sexual sphere: prostitution, homosexuality,

impotence, sexual perversion, hypersexuality, etc.

4. Selfishness - interruption of family and friendship ties, nationalism.
5. Negative qualities (desires) of the soul, unmanifest at the present time from - for the lack of suitable conditions are kept unconscious (a hibernating dragon or a sleeping dog) by Jaloliddin Rumi.

6. Substance obtained in illegal ways - theft, bribes, deception, assigning a share to others.

7. Black magic, extrasensory perception, horror films.

8. Passion for food, wealth, envy (vegetable soul) - along the axial connection weakens the branch of the mineral soul, the weakness of the animal soul (lack of courage, fear, cowardice, unscrupulousness) and terrorism weakens the body's defenses, the weakness of the power of discrimination (tamiz) (human soul) - ignorance, a person cannot distinguish between good and evil, permitted from the unlawful, white from black, light from darkness [20].

Diseases of the category of darkness with the help of drugs are very difficult to cure, often drugs do not help at all. Darkness can be destroyed with light. The light that destroys darkness is spiritual light that comes from knowledge and wisdom. Darkness appears where there is no light. In both mundane and spiritual matters, moderation is the middle, the middle path gives rise to light, and excess and lack, excess and smallness give rise to darkness. Correcting the vices of the soul takes a long time, months and years of hard work are needed to get rid of them.

Generosity, courage, chastity and wisdom generate light, destroy darkness. Responsiveness, willingness to help others, friendliness also generate light. Such people in the Avesta are called Ashavand - adherents of the path of light, truth, truth and justice.

Durvand - adherents of the path of lies, deception are looking for benefits for themselves, generate a lot of evil [7]. Awareness of the vices of the soul, mistakes, the willingness to correct them is the main condition for cleansing the soul from negative energies.

Mizoji (nature) are of two types.

1. Simple mizoj: wet, warm, dry, cold.
2. Complex mizoj: warm-moist - sanguine; warm-dry - choleric; cold-dry - melancholic and cold-wet - phlegmatic. Mizoj of viruses - cold and dry.

Among the 4 types of mizojas, melancholic mizoj is identical to the mizoja of viruses [2, 8, 23, 24].

Natural cold dry mizoj will give the body firmness and stability. The unnatural cold dry mizoj, which is formed due to the abuse of foods and drinks with a cold-dry nature (sour and salty taste), weakens the body's strength, including immunity.

To maintain its strength, each nature needs to take products similar to itself. Abuse leads to illness. B-lymphocytes mature in the liver. This is facilitated by the warm and moist nature of the liver. Excessive consumption of foods with a cold nature cools the liver, complicates the maturation of B-lymphocytes.

The content of heparin in the blood circulating in the liver and lungs is higher than in other organs. Heparin thins the blood, promotes its circulation in the capillaries. Due to the warm and dry nature of heparin, the blood is warmed, which prevents thrombus formation. If the nature of the liver becomes cold and dry, then the opposite changes occur in the blood. T-lymphocytes mature in the thymus. The chest and its organs - the heart, lungs, bronchi, together with the thymus (function) control the gallbladder.

The bile that is synthesized in the liver is watery, enters the gallbladder, excess moisture is absorbed, bile is concentrated, its nature becomes fiery (warmth, dryness). Part of the bile (1%) is absorbed into the blood to dilute it and facilitate circulation through the capillaries of the brain, heart, lungs, and warms the blood. Bile clears mucus from the respiratory tract, promotes the exchange of oxygen and CO₂ in the alveoli. In the thymus, it promotes the maturation of T-lymphocytes, strengthens humoral immunity.

In many people, an ultrasound scan reveals a bend, kink and congestion of the gallbladder, which are signs of its weakness. The main reason for weakness is the refusal of fatty and fried foods, diet, the use of low-fat foods, boiled, stewed, vegetables and fruits, as a result of which the nature of bile becomes cold-wet (cholesterol stones) or cold-dry (bilirubin, calcium stones). The gallbladder is the main source of heat energy for the body, supports functional activity, including the immune system. Excessive consumption of foods with a hot nature (see above) generates pathogenic fires in the liver, gallbladder, heart, lungs, stomach, pancreas, spleen, etc. Pathogenic fire prevents the ripening of cold juices (mucus, black bile), thickens and makes it difficult to excrete them from the body.

The mother of the disease is pathogenic juices: blood, bile, black bile and slime. Hot black bile is the mother of Covid-19 disease. The nature of matter is cold-dry, mixed with pathogenic fire. The foods and drinks that give rise to the hot black bile matter have been mentioned above. Hot black bile is formed in the liver, circulates through the vessels throughout the body, is stored and concentrated in the spleen.

Pneumonia, pulmonary fibrosis, thrombus formation in the vessels of the lung, filling the alveoli and airways with thick sticky mucus that is difficult to expectorate, an overreaction of the immune response (cytokine storm) are the result of the accumulation of the disease matter in the lungs - hot black bile. If the matter of the disease is cold black bile, then the disease is latent, asymptomatic, but the risk of developing pulmonary fibrosis in the future remains. The immune system will react weakly. Loss of smell and taste is observed. If you remove the matter of the disease from the lungs and the body, then the condition improves, recovery occurs. To prevent the formation of the matter of the disease, it is necessary to follow a diet: exclude foods and drinks with

cold dry nature. Foods and drinks with a warm-moist, warm-dry nature promote the maturation of cold matter. Matured matter is easily excreted from the body. Fitosbor of Sinopok, which is Avicenna's recipe for removing hot black bile from the body, is recommended to take 100–150 ml 3 times; 30 minutes before meals for 20 days.

Emotions. The nature of negative emotions - fear, sadness, depression, anxiety is cold-dry or cold-wet. These emotions reduce the heat energy in the body, contribute to the generation of cold juices: black bile and mucus. Spirit and soul become dark and heavy. The body's defenses are weakened and the body cannot defend itself against the attack of enemies (viruses).

Positive emotions: joy, carelessness, short-term anger generate warmth, the spirit and soul become light, clean, which contributes to the formation of hot juices: blood and black bile, the body's resistance increases.

The nature of internal anger (resentment) is fiery, generates hot black bile and hot mucus, and causes an overreaction of the immune response. Sadness, melancholy, depression due to the cold, dry nature slow down the circulation of energy in the body, cause spasm of the lungs, create favorable conditions for the development of various diseases.

The energies of innate warmth and innate moisture refer to hereditary factors, health and longevity depends on them. The amount of energy of innate warmth and moisture in some people is large (long-livers), in others it is small. If innate moisture is a candle (physical body), then the energy of innate warmth is the fire of a candle. The innate warmth promotes the maturation of primary juices, the circulation of energy: vital and mental energy in the body. From innate moisture, the body's materials are formed, hormones, biologically active substances B- and T-lymphocytes, etc. are synthesized.

The energy of innate warmth and innate moisture control innate immunity. T- and B-lymphocytes are formed in the bone marrow. If there is a lot of innate warmth energy, a lot of T- and B-lymphocytes are formed, they ripen, and, as a result, immunity increases.

Reasons that weaken the energy of innate warmth:

1. The use of a large number of foods with cold-dry and cold, damp nature.
2. Drinks and food from the refrigerator.
3. Prolonged fasting and diet.
4. Heavy physical activity.
5. Sexual excesses.
6. Stress.
7. Poisoning with poisons.

Reasons for depleting innate moisture: 1.

Prolonged fasting.

2. Eating dry food, drinking carbonated drinks, foods with hot in kind, vinegar, pickles, pickled and canned foods.

CONCLUSIONS

1. Pathogenic factors, along with coronavirus, also include the aura diseases - negative manifestations of the spiritual sphere, belonging to the category of darkness - "evil thoughts, evil words, evil deeds."

2. The state of antipathogenic factors determines the type of reaction of the immune the body's response, affects the course of the disease, the development of complications and the outcome of the disease.

3. Matter of the Covid-19 pandemic are unnatural types of black bile: hot black bile and cold black bile, and pathogenic fire.

4. Studying the state of pathogenic and antipathogenic factors allows supplement the prevention and treatment of the Covid-19 pandemic with new recommendations based on Avicenna's medicine.

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