



CHARACTERISTIC FEATURES OF POSTKOVID SYNDROME IN PATIENTS WITH ALCOHOLISM, THE PRESENCE OF VARIOUS LIVER DISEASES

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Abstract:

Among patients with alcoholism, liver diseases are common, and chronic liver diseases are one of the diseases that affect a person's life. The study of the influence of a viral infection (Covid-19) on the course of the disease with the addition of SARS-CoV-2 is an important task facing narcologists and hepatologists around the world. We conducted a study on the course of postcovid syndrome after passing COVID-19 in patients who are on the list with alcoholism and have liver pathologies. To study the characteristics of Postkovid syndrome, we compared the clinical and laboratory data of patients with different pathologies in the liver with alcoholism. Two groups of patients were infected with COVID-19 and were not infected with COVID-19. According to a laboratory study in patients with a history of COVID-19, serious liver damage disorders have been reported, which is confirmed by laboratory data from patients. In patients, the postkovidnosindrome clinic looked very bright.

Keywords: alcoholism, liver diseases, COVID-19, postkovoid syndrome.

INTRODUCTION

Liver diseases are very common among patients with alcoholism, and these liver diseases have a direct impact on the course of alcoholism. Now the COVID-19 infection in those patients contributes to impaired liver function, and the course of alcoholism is manifested in a more specific form [1-8]. The main indicators of liver enzyme disorders in patients with COVID-19 are associated with the severity of the disease. Patients with alcoholism liver disease is one of the main causes of death conditions. Cirrhosis is a serious health pathology in many countries, and recently this burden has increased [14-18]. Although patients with alcoholism have effective measures to prevent and treat liver diseases, they remain the main causes of cirrhosis around the world, especially in low-income countries [9-13].





Thus, among liver diseases in patients with alcoholism, cirrhosis of the liver and hepatitis occupy the leading positions. The main pathogenetic factors in the development of cirrhosis of the liver are parenchyma necrosis, hepatocytes renewal, progressive fibrosis and changes in the vessels of the liver. With hepatocyte necrosis, substances (cytokines, chemokines and growth factors) are released that stimulate cell renewal and the process of fibrosis [19-25].

The emergence and spread of coronavirus disease 2019 (COVID-19) has brought serious challenges to global health. More studies have reported liver damage in patients with COVID-19 and a higher risk of gastrointestinal symptoms and liver dysfunction in patients with severe illness [26-32].

The fact that symptoms typical of COVID-19 persist after 12 weeks of contracting Covid-19 is called postkovid syndrome. Postkovid Syndrome manifests itself as respiratory, cardiac, gastrointestinal, renal, endocrine, neurological, psychopathological, rheumatic, dermatological variants.

Gastrointestinal variant dyspepsia, diarrhea, impaired liver function may be accompanied by cytolysis, intrahepatic cholestasis [33-39].

Studies have shown that among patients with COVID-19, patients with disorders of various levels of liver function from 1% to 55% were mainly observed in them, mainly abnormal ALT and AST concentration levels, with a slight increase in bilirubin concentration [40-42].

The Purpose of the Study:

To study the features of postkovid syndrome in patients with alcoholism, with the presence of various liver diseases.

Materials and Methods of Research:

We conducted a study in 140 patients undergoing treatment with the diagnosis of alcoholism in the Samarkand regional branch of the Republican specialized scientific and practical medical center of Narcology. The average age of patients was 37 ± 6.3 years, and all of them were male. patients were studied in two groups. The main group of alcoholism patients who have experienced Covid-19 disease in existence. Control group alcoholism patients who have not been infected with Covid-19 disease in existence.

Research Results

According to a laboratory study, serious disturbances in the synthesis of liver enzyme activity were noted in patients of the main group. In the control group, very low levels





of enzyme activity were detected. In patients with liver pathologies with Postkovid syndrome, the activity of high levels of enzymes occurs much more often than in the control group.

Conclusions

In patients with liver pathologies with Postkovid syndrome, a significant increase in the level of liver enzymes was manifested.

The level of alanine aminotransferase (ALT) and asparaginaminotransferase (AST) has increased significantly, in very high numbers with no tendency to decrease in dynamics, which clearly indicates a process of cytolysis.

Along with ALT and AST, alkaline phosphatase and gammaglutamiltranseptidase (GGTP) had very high rates. General and direct bilirubin, high levels of C-reactive protein, and prolongation of prothrombin time (PV) have also been noted, which directly reflects a violation of synthetic liver function leading to the death of the disease.

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