The behavior of total antioxidant status and other biochemical parameters in serum and ascitic fluid from cirrhotic patients

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Abstract:
We have included in the present study 15 patients diagnosed with decompensated CH, with ages ranging from 55 to 83 years old.
For these patients we evaluated the level of antioxidants (TAS), of the hepatoctolytic syndrome (AST, ALT, AST/ALT, Fe), of the excreto-biliary syndrome (BT, BD, BI, ALP, GGT), of the mesenchymal inflammation (A/G), of the hepatoprive syndrome (CHE, ALB), of the lipid profile (CT, TG) and of the renal function (urea, creatinine, uric acid).
The sensitivity to the oxidative stress increases as the hepatoprive and the excreto-biliary syndromes are more clearly expressed.


Key words: decompensate cirrhosis, LA, TAS, AST/ALT, A/G, CT, Urea, Cr, AcU.

Introduction
Chronic hepatic disorders, which cause cirrhosis, have cellular death as common and compulsory starting point.
Cirrhosis is the final stage of evolution for all the inflammatory or degenerative chronic hepatic diseases and morphologically is characterized by:
- variable destruction of hepatocyte mass through extensive necroses;
- formation of conjunctive septum;
- nodule regeneration;