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## Albumin infusion in chronic liver disease: The current challenges

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The human body contains 4-5 g/kg of albumin. This amount is largely distributed in the extracellular space; with a plasma concentration of 4-5 g/dl. It is responsible for almost 80% of the osmotic pressure of the plasma. Therefore, Human Albumin Solution (HAS) has been used as a physiological plasma expander. However, its limited availability and high cost make it essential to define recommendations for its appropriate use. Numerous studies have been done on the uses of HAS, which sometimes reached inconsistent conclusions. However, most of the appropriate uses of HAS are related to the management of complications of Chronic Liver Disease (CLD), including ascites, spontaneous bacterial peritonitis, and hepatorenal syndrome. So, all the current recommendations and challenges encountered during the use of HAS in the management of complicated CLD will be reviewed, including the appropriate indications, different dosing regimens, possible complications, and alternatives. In addition, occasionally appropriate, inappropriate or controversial uses of HAS will also be reviewed.

### Biography

Monir H Bahgat has done his specialization in Internal Medicine in the year 1995. Currently, he is a Professor of Hepatology and Gastroenterology (Internal Medicine department), Mansoura University Egypt. He is a member of EASL and IASL.

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