

Question 19 – Week of December 10

The following interventions for type I hepatorenal syndrome are consistently associated with improved survival?

- A. Liver transplantation
 - B. Vasopressor therapy
 - C. Transjugular intrahepatic portosystemic shunt
- A. A
 - B. B
 - C. A and B
 - D. A and C
 - E. A, B and C

Answer: A

The prognosis in patients with type1-HRS is very poor and most patients die without liver transplantation. Vasopressor therapy is the cornerstone of medical management of type1-HRS, and although a number of randomized controlled trials show reversal of type1-HRS, improvement in transplant free survival have not been consistently demonstrated. TIPS may improve renal function in type1-HRS however the data is limited and survival is not uniformly improved.

References

1. Arroyo V, Fernandez J. Management of hepatorenal syndrome in patients with cirrhosis. *Nature Reviews Nephrology* 2011; 7, 517-526