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Summary

# BACTERIAL INFECTIONS IN CIRRHOTIC PATIENTS: PROGNOSTIC IMPACT OF ACUTE KIDNEY INJURY

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**In a retrospective study of 80 cirrhotic patients hospitalized for bacterial infections, acute kidney injury occurred in 35% and was associated with significantly higher 15-day mortality.**

## KEY POINTS

- Among 80 cirrhotic patients hospitalized for bacterial infection, 35% developed acute kidney injury, classified as Stage I in 42%, Stage II in 22%, and Stage III in 36% of cases.
- Acute kidney injury was statistically associated with Child-Pugh score B7 or higher, refractory ascites, and documented spontaneous bacterial peritonitis.
- Patients with acute kidney injury had significantly higher 15-day mortality compared to those without (24.2% vs 4.3%, p=0.01).
- The most common infections were urinary infection and spontaneous bacterial peritonitis, each occurring in 35.3% of patients, followed by pulmonary infection in 23.3%.
- The authors concluded that serum creatinine may serve as a valuable marker for initial risk stratification in this population, with an AUC of 0.781 for predicting 15-day mortality.

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