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Session Name : CPC

Session Topic : CPC

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Case 1: Clinical Discussion

Dha Woon Im

UiJeongbu Eulji Medical Center, Eulji University, Republic of Korea

In Clinical Discussion Case 1, we discuss a patient presenting with liver failure complicated by oliguric acute kidney injury (AKI) who subsequently initiated dialysis. In standard cases of hepatorenal syndrome, it is well-established that both urine volume and overall kidney function should recover comprehensively following a successful liver transplantation. However, this patient exhibited an atypical clinical trajectory; although urine output was successfully restored post-transplantation, the glomerular filtration rate (GFR) showed no significant signs of recovery, causing the condition to progress into acute kidney disease (AKD). This presentation will explore the precise definitions, primary causes, and long-term prognoses of AKI and AKD to better understand the divergence in this patient's recovery. By analyzing these critical parameters, we will thoroughly investigate what exactly occurred in Case 1, offering valuable clinical lessons on how to approach and manage persistent renal dysfunction after AKI.

Keywords: Acute kidney injury, Acute kidney disease, Acute tubular necrosis