

## A Case of Acute Renal Failure Caused by Hyperosmolar Hyperglycemic State Induced-Rhabdomyolysis

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Acute renal failure is the most common complication of rhabdomyolysis. But, hyperosmolar hyperglycemic state (HHS) induced- rhabdomyolysis rarely causes acute renal failure (ARF) because HHS induces osmotic diuresis and prevents tubular necrosis. Here we report a case of acute renal failure caused by HHS-induced rhabdomyolysis in a patient with poorly controlled diabetes mellitus. A 59-year-old male diabetic patient was admitted with comatous mentality. His laboratory findings demonstrated severe HHS and rhabdomyolysis and acute renal failure. With adequate hydration and insulin therapy, HHS improved but rhabdomyolysis and ARF were more aggravated. With early hemodialysis treatment, he finally improved without sequale.