

# An Unusual AKI

Robert K. Forsythe

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## Abstract

Acetazolamide is a medication prescribed frequently for various indications including idiopathic intracranial hypertension, prophylaxis of mountain sickness and ventilator alkalosis. we here describe an unusual case of drug induced acute kidney injury secondary to acetazolamide.

## Introduction

## Case Report

This 7x year old lady attended the emergency department complaining of right sided loin pain for the past 24 hours. Blood tests on attendance demonstrated reduced renal function with a creatinine of **To do (??)** Initially she was assessed with a plain CTKUB. This did not demonstrate any nephrolithiasis but did suggest some fullness of the collecting system. Given the CT findings she was further assessed with a renal tract ultrasound which excluded any hydronephrosis.

It was noted that three days prior to admission she had a repair of a macular hole performed at a private facility and had been commenced on acetazolamide 250mg twice daily. She had taken 5 doses over three days. A review of the literature showed that similar presentations have been reported infrequently over many decades as a rare side effect of acetazolamide<sup>1</sup>.

## Discussion

A brief review of the available

## References

1. Lawson C, Morris L, Wilson V, and Burns B. Hemorrhagic Anuria With Acute Kidney Injury After a Single Dose of Acetazolamide: A Case Study of a Rare Side Effect. *Cureus* 2020;12:e10107.