

## Spontaneous Tumour Lysis in Acute Myeloid Leukemia

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**Abstract :** Spontaneous tumour lysis syndrome is a constellation of electrolyte abnormalities and an acute renal failure which occurs in the setting of rapid cell turnover prior to the administration of cytotoxic chemotherapy. While spontaneous tumour lysis well-described in patients with Burkitt lymphoma, it is thought to occur less commonly in patients with other hematological malignancies. We present a case of forty-year-old female who presented with features of acute renal failure, on further evaluation turned out to be a newly diagnosed acute myeloid leukemia with spontaneous tumour lysis best of our knowledge only three cases of AML with spontaneous tumour lysis has reported world wide.

**Keywords :** AML, tumour lysis, renal failure, myeloid leukemia

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