

# Case Report: Acute Tumour Lysis Syndrome

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## Abstract

**Introduction:** Acute tumour lysis syndrome (ATLS) is a potentially lethal but preventable complication of oncological treatment. **Clinical Picture:** We report a case of a patient with Burkitt's leukaemia who developed ATLS after treatment with chemotherapy. **Treatment:** Standard preventive measures using aggressive hydration, urine alkalinisation and uricosuric agents were instituted before chemotherapy. **Outcome:** However in spite of adequate measures, the patient succumbed to the sequelae of ATLS. **Conclusions:** It is therefore important to identify patients who are at a high risk of developing ATLS so that additional measures can be taken to prevent it from occurring.

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**Key words:** Burkitt's leukaemia, Lactate dehydrogenase, Urate oxidase

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