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.

Key words: Burkitt’s leukaemia, Lactate dehydrogenase, Urate oxidase

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