中文題目：侵襲性自然殺手細胞白血病：病例報告

英文題目：Aggressive NK cell leukemia: a case report

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Abstract

Aggressive NK cell leukemia (ANKL) is a rare form of NK cell neoplasm, which is frequent associated with Epstein-Barr virus(EBV) infection, and is more often seen in Asia. ANKL affected relative younger patient and had rapidly declining clinical course with poor prognosis. We report a case of a 75-year-old male who was diagnosed with Behçet's disease a year ago, presenting with intermittent high fever for one week, multiple ulcerations involving oral and genital area, and body weight loss 10+ kilograms in recent 2 months. Blood test showed neutropenia, thrombocytopenia, atypical lymphocytes(30%), progressive hyperbilirubinemia and liver failure. EBNA/EBVCA IgG positive. Computed tomography scan revealed hepatosplenomegaly. Liver biopsy and bone marrow biopsy immunohistochemistry stain revealed positive CD 56 and EBER in the neoplastic cells. Flow cytometry showed 74.2% of CD 56 positive cells, which was compatible to Aggressive NK Cell Leukemia. Treatment with Dexamethasone 4mg Q8H was given and the patient's condition had great improved. After 8 days of treatment, the patient had discharged and followed up in our outpatient department. Further chemotherapy was planned but the patient lost followed up a month later.