

成人早期前体T急性淋巴细胞白血病 (ETP-ALL) 与非ETP-ALL的临床特点对比

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Title: Clinical characteristics comparative of adult early T-cell precursor and non-early T-cell precursor acute lymphoblastic leukemia

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关键词: 急性淋巴细胞白血病 (ALL); 早期前体T急性淋巴细胞白血病 (ETP-ALL); 诱导治疗

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摘要: 目的: 对比分析成人早期前体T急性淋巴细胞白血病 (ETP-ALL) 与非早期前体T急性淋巴细胞白血病 (non-ETP-ALL) 的临床特点。方法: 回顾性分析于我科系统诊治的成人T细胞急性淋巴细胞白血病 (T-ALL) 患者19例, 其中ETP-ALL 6例, non-ETP-ALL 13例, 对比两组患者临床基本状况、血液及骨髓检测结果、免疫分型结果及诱导治疗后缓解情况。结果: ETP-ALL组患者白细胞水平显著低于non-ETP-ALL组患者, 血小板水平显著高于non-ETP-ALL组患者, 主要见于pro-T-ALL, 首次诱导治疗后完全缓解或接近完全缓解 (CR/CRi) 率显著低于后者。结论: ETP-ALL患者具有较独特的临床特点, 对常规诱导治疗反应差, 有必要积极探索新的治疗方法和药物。

Abstract: Objective: To investigate the clinical characteristics of adult early T-cell precursor (ETP) and non-early T-cell precursor (non-ETP) acute lymphoblastic leukemia (ALL). Methods: Clinical datas including basic clinical status, blood and bone marrow examination results, immunophenotyping results and remission status after induction therapy were compared between 6 patients with ETP-ALL and 13 cases with non-ETP-ALL who were diagnosed and treated systematically in our department. Results: Leukocyte count in ETP-ALL group was significantly lower than that in non-ETP-ALL group and platelet count was significantly higher than that in non-ETP-ALL group. Most ETP-ALL patients belong to pro-T-ALL by EGIL classification standards. CR/CRi rate after first course of induction therapy was significantly lower in ETP-ALL patients. Conclusion: ETP-T-ALL patients have unique clinical characteristics and poor response to conventional induction therapy, so it is necessary to explore new treatment methods.

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