Monocytic myeloid-derived suppressor cells in chronic lymphocytic leukemia patients: a single center experience

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Abstract:

This study aimed to analyze the frequency of peripheral Mo-myeloid-derived suppressor cells (Mo-MDSCs) in newly diagnosed CLL patients and to correlate their level with other prognostic factors such as frequency of CD38 cells and ZAP-70 cells and with the clinical response and survival outcomes in these patients. Fifty CLL patients and 20 age-matched healthy controls were included in this study. Flow cytometric detection of ZAP 70, CD38, and Mo-MDSCs was done. Mo-MDSC levels were significantly higher in CLL patients (27.51 ± 1.70) than healthy controls (16.79 ± 0.66; p

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