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## THE PERIPHERAL BLOOD CD4+CD25+REGULATORY T CELLS IN WITH JUVENILE IDIOPATHIC ARTHRITIS

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**Objective:** To investigate the juvenile idiopathic arthritis (joint-less) (JIA) in children with peripheral blood CD4+CD25+regulatory T cells and its significance.

**Methods:** Immunofluorescence labeling antibodies and flow cytometry of 23 cases of children with JIA and 26 cases of child health in peripheral blood CD4+CD25+, CD4+lymphocyte subsets of cells ratio test.

**Results:** JIA (joint-less) in children with peripheral blood CD4+CD25+cell percentage was significantly lower than control group [(6.44±1.27)% ratio (8.23±1.33)%, P<0.05], and the percentage of CD4+ cells significantly lower than control group [(33.64±7.63)% ratio (46.79±5.02)%, P<0.05].

**Conclusion:** Peripheral blood CD4+CD25+cells and CD4+cells involved in the JIA (joint-less) morbidity.