T-ALL with TEL/AML1 Translocation, Aberrant Expression of CD19 and 33: Case Report and Literature Review

We herewith introduce a 9-year-old boy presenting with leukocytosis, anemia and high lymphoblast count who had a pale complexion as well as weight loss. His cytogenetic analysis revealed aberrant chromosomal rearrangements in different clonal populations harboring 46XY karyotype with t (12; 21) (p12; q22), which was confirmed by DNA sequencing.

Novel Strategies in Hematopoietic Stem Cell Transplantation

Hematopoietic stem cell transplantation (HSCT) is an important life-saving procedure which is applied in cases of genetic defects or malignant tumors.