

Infant Leukemia

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An eleven-month-old Bahraini infant girl, born full-term, vaccinated up-to-age, with normal milestone development; she was referred from King Hamad University Hospital (KHUH) with one-month history of high grade on and off fever associated with cough; her CBC showed anemia (7.4g/dl) and thrombocytopenia (30x10⁹/L). On examination, multiple bruises and small cervical lymph nodes were observed. CBC showed blasts (30%). Bone marrow aspiration, flow cytometry and cytogenetic were sent for Mixed Lineage Leukemia (MLL) rearrangement. She was low risk; she received chemotherapy.

This case was reported because of its rarity and up-to-date chemotherapy modalities which is linked to specific cytogenetic abnormality.