

Joint Event
15th World Congress on
Pediatrics, Clinical Pediatrics and Nutrition
&
28th International Conference on
Nursing Practice

November 28-29, 2018 | Dubai, UAE



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Anterior chest wall bulging: A rare initial manifestation of Acute Lymphoblastic Leukemia in a child

Acute Lymphoblastic Leukemia (ALL) has several clinical manifestations on the base of bone marrow infiltration and the extent of extra medullary involvement. Anterior chest wall bulging as an initial presentation is rare. The aim of this case report study is to present a 3.5-year-old-boy presented with anterior chest wall bulging without history of trauma since 1 month ago. Tc99m-MDP bone scan showed multifocal active bony pathology in sternum, lower thoracic and lumbar vertebra and right sacral ala. Bone marrow aspiration and biopsy was in favor of acute precursor lymphoblastic leukemia, B cell

type. Therefore, acute lymphoblastic leukemia has different initial presentation and anterior chest wall bulging can be a rare initial sign of acute lymphoblastic leukemia in children.

Speaker Biography

Nader Shakibazad has completed his MD at the age of 26 years from Shiraz University of Medical Sciences, Shiraz, Iran and Pediatrician degree from Shiraz University of Medical Sciences, Shiraz, Iran. He is the fellowship in pediatric hematology and oncology. He has published more than 14 papers in reputed journals.

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