Author's response to reviews

Title: Osteoporosis resulting from acute lymphoblastic leukemia in a 7-year-old boy: a case report

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This is the case report about osteoporosis resulting from acute lymphoblastic leukemia in a 7-year-old male.

We believe this is the first case reported about osteoporosis as the first symptom of acute lymphoblastic leukemia. Although many research have shown bone abnormalities on survival of children with acute lymphoblastic leukemia, they found high incidence of fracture happened as complications during treatment, not as first symptom of leukemia.

This case has made us reviewed the mechanism of alteration of bone mineral density in childhood leukemia.

During the first month of treatment, the male has been treated as osteogenesis imperfecta with a differential diagnosis of osteomalacia. However, the complete blood count result revealed pansitopenia, supporting the sign of acute lymphoblastic leukemia.

This manuscript should be published in Journal of Medical Case Report, to give consideration to physicians when obtained a patient with osteoporosis as a single symptom.

We believe that symptom of osteoporosis is not only merely reflects endocrinology disorders alone, but also other disorders such as acute leukemia.