

# PREMATURE THELARCHE FOLLOWED BY ACUTE LYMPHOBLASTIC LEUKEMIA IN A 1,5 YEAR OLD GIRL

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**Introduction:** Premature thelarche is considered a benign condition of breast development in prepubertal girls. It usually resolves after a certain period of time. .

**Results:** Upon clinical examination the patient had Tanner breast stage M2-3 bilaterally, but otherwise appeared completely healthy. Her height SDS (Standard Deviation Score) was +1,3 and her weight +1,0 SDS. Bone age was correspondent to her age, as was the ultrasound of her genitals. Two months later, she presented at the Hematology Department of the same institution with severe thrombocytopenia and anemia. Bone marrow examination confirmed the diagnosis of acute lymphoblastic leukemia. No central nervous affection was detected. She was treated for the condition according to protocols for this disease.

**Materials and Methods:** A 1,5 year old girl was referred to the pediatric Endocrinology department due to breast development which appeared two months prior to the visit.

**Conclusion:** There is no evidence that these two conditions may be connected. However, we are reporting this case because it is a very rare coincidence.

## References

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