

---

## Letter to the Editor

Lymphoblastic Leukemic Infiltration of Breast

**Dear Sir,**

I read with great interest the article by Tobü et al. About breast infiltration in acute lymphoblastic leukemia (Turk J Haematol, 16: 3, 1999). They claimed that blastic infiltration may cause a symmetric hypertrophy in patients with ALL and leukemic breast tumours tend to occur in young and middle aged women.

We have reported the case of a 9-year-old girl with acute B-cell lymphoblastic leukemia, who had leukemic infiltration of the peritoneum at diagnosis and the breast at relapse<sup>[1]</sup>. She had developed an asymmetric swelling of the left breast in

the absence of trauma, associated with bone marrow relapse 5 months after remission and during maintenance treatment. A needle biopsy of the breast showed diffuse atypical lymphoid cells in the stroma, in addition to neoplastic cells filling the vessel lumens.

I think that asymmetric lymphoblastic infiltration of the breast may occur in patients with ALL and leukemic breast tumours and may develop in pre-adolescence girls. Hence estrogen might not play a direct role in leukomogenesis.

### REFERENCES

1. Erduran E, Gedik Y, Orhan F, Reis A. Leukemic infiltrations of the peritoneum at diagnosis and the breast at relapse in a child with acute B-cell lymphoblastic leukemia. Med Ped Oncol 1999;32:71-2.

Erol ERDURAN

Associate Professor in Pediatrics, Karadeniz Technical University, Department of Pediatrics

### Address for Correspondence:

Dr. Erol ERDURAN

KTÜ Lojmanlar No: 35/2  
61080, Trabzon, TURKEY