**“Primary Non-Hodgkin’s Lymphoma of the Breast: Cytologic diagnosis .”**

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**Abstract:**  Primary breast lymphoma is a relatively rare entity, representing 0.04-1.1% of malignant tumors of the breast. The incidence of primary breast lymphoma is increasing. We reported a case of Primary breast lymphoma diagnosed on fine needle aspiration cytology in a 60 yr old unmarried female. Histology and Immunophenotyping were in accordance with Non –Hodgkin’s diffuse large B-cell lymphoma. Treatment and outcome of Primary breast lymphoma and carcinoma are radically different. Early diagnosis of primary breast lymphoma is significant so that unnecessary mastectomies can be avoided. Fine needle aspiration cytology supplemented by Immuno-cytochemistry can be applied as a reliable and cost-effective tool in the early diagnosis of primary breast lymphomas, while Histopathology and Immunohistochemistry are conclusive.

**Key Words :** Primary Non-Hodgkin’s Lymphoma, Fine needle aspiration cytology, Breast Carcinoma.

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