

# **Lymphoid- Like Treatment for A Patient with AML in A 72 Year Old Male: A Case Report**

## *Abstract*

Blastic Plasmacytoid Dendritic Cell Neoplasm (BPDCN) is a rare hematologic malignancy with an aggressive disease course and dismal clinical outcome. It is more common in male patients. Although it occurs more frequently in the elderly, the tumor may occur in patients of any age, including pediatric patients. Blastic plasmacytoid dendritic cell neoplasm (BPDCN) is a malignancy with high frequency of skin involvement. A 72 yr. old male had present with two months history of progressive weakness, fatigue, anorexia, fever and recurrent chest infection. During this course of illness, he had noticed brownish skin lesions. Based on clinical presentation, laboratory investigations, and histological examination of skin and bone marrow biopsy, a diagnosis of BPDCN with the involvement of skin, bone marrow. The patient was put on acute lymphoblastic leukemia-like chemotherapy and achieved complete remission. This case highlights the significant challenges because Careful diagnosis of blastic plasmacytoid dendritic cell neoplasm (BPDCN) is crucial due to its aggressive nature and the specific treatment protocols required. Early and accurate identification of BPDCN allows for timely initiation of targeted therapies, which can significantly improve prognosis and survival rates. Therefore, precise diagnostic evaluation, including immunophenotyping and molecular studies, is essential in managing BPDCN effectively.

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