



An Unusual Presentation of Microfilaria in Bone Marrow Aspirate

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Clinical Image

Filariasis is a common, yet neglected tropical disease and has a wide spectrum of clinical presentations. It is particularly endemic in certain regions of India. A 23-year-old boy, resident of Chapra district of Bihar state, presented to our hospital with moderate-to-high-grade intermittent fever of 3 weeks duration. Routine investigations were essentially normal. After ruling out routine causes of fever, bone marrow aspiration and cytology were done, which revealed a reactive cellular marrow with Microfilaria incidentally detected in the smear. The patient was administered antifilarial therapy consisting of diethylcarbamazine 6 mg/kg/day to which he responded dramatically. His fever subsided in 48 h and thereafter had an uneventful recovery. This case emphasizes the importance of bone marrow study in patients with PUO and the presence of microfilaria in the absence of eosinophilia (Figure 1).



Figure 1: Microfilaria in the bone marrow aspirate.

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