

Images in medicine

Retinal involvement in an acute lymphoblastic leukemia



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We report a case of a patient who presents for ophthalmic complaints revealing systemic acute lymphoblastic leukemia. The eye fundus examination shows bilateral papilledema, retinal hemorrhages and diffuse white retinal infiltration. After chemotherapy, there was noticeable improvement of visual acuity and important regression of papilledema. Ocular involvement in leukemia is considered as a central nervous system lesion. It requires, therefore, a proper treatment including corticosteroids, chemotherapy and radiation treatment of the central nervous system.



Figure 1: eye fundus aspect

