



Hydroxyzine induced pancytopenia and petechial rashes: a rare complication

Hidroksizinin nadir bir komplikasyonu: Pansitopeni ve peteşiyal döküntüler

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Başvuru Tarihi/Received: 25-11-2015
Kabul Tarihi/Accepted: 21-02-2016

TO THE EDITOR

Hydroxyzine difenilmetan and piperazine group are first generation antihistaminic drugs. Hydroxyzine is widely used in all around the world to treat pruritis caused by histamine effect and such allergic cases like chronic urticaria, atopic and contact dermatitis [1]. Different side effects of hydroxyzine such as deep sleep, coordination defect, vertigo, hypotension, tinnitus, headache, constipation have been declared in literature [2]. In our literature search pancytopenia caused by hydroxyzine was not seen. In this case report, a twenty-one year- old woman, who had pururitis complainment at joints and developed pancytopenia with widespread petechial rashes in the body after using two tablets of hydroxyzine, is going to be discussed.

A twenty-one year old woman applied to emergency service with the complainment of widespread petechial rashes. In her story, she was recommended hydroxyzine when she applied to dermatology polyclinic three days ago with pruritis complainment in the body. The patient, not having any disease or complainment for a long time, started to have common millimetric petechial rashes in her body after taking the second dose of hydroxyzine tablet. The physical examination in patients first application was common petechial rashes in all body and bleeding points in the gum. White blood cell(WBC): 2,79 10x3/ ul, neutrophile :1,5 10x3 /µl, hemoglobin:8,6 g/dL, **platelet count:** 2x103 /µl was found in **laboratory** tests. In peripheric smear: platelet count was consentient, anisopoikilosis was seen but atypic cell was not found. In the examination of anemic panel, vitamin B 12, ferritin, folate, homocysteine were normal. The other tests intended for pancytopenia were normal. In abdominal **ultrasonography** hepatosplenomegaly, periferik or intraabdominal lenfadenomegaly was not detected. Bone marrow and imprint examination were normal.

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