

## Terbinafine and Neutropenia

### Terbinafin ve Nötropeni

#### To the Editor,

The article entitled "Aplastic Anemia Associated with Oral Terbinafine: A Case Report and Review of the Literature", written by Kantarcioğlu et al. and published in a recent issue of your journal, was quite interesting [1]. Here we would like to emphasize some relevant points.

In the assessment of 425 cases by van der Klauw et al., the most common causes of drug-related agranulocytosis or neutropenia were, in order, dipyrrone, mianserin, sulfasalazine, trimethoprim-sulfamethoxazole, penicillins, cimetidine, thiouracil groups, and phenylbutazone [2]. Terbinafine was not included in this list. Neutropenia associated with terbinafine is more common in women, which may be due to more fungal infections encountered and more drug usage for this purpose. To know the MCV and vitamin B12 levels in the presented patients would be useful.

In our case, a patient presented with neutropenia due to terbinafine. A 64-year-old man with a history of onychomycosis presented with neutropenia after starting terbinafine at 250 mg/day [3]. In conclusion, routine hematological monitoring is not indicated, but patients should be informed of this potentially life-threatening adverse reaction.

#### Conflict of Interest Statement

The author of this paper has no conflict of interest, including specific financial interests, relationships, and/or affiliations relevant to the subject matter or materials included in this manuscript.

**Key Words:** Terbinafine, Drug, Neutropenia

**Anahtar Sözcükler:** Terbinafin, İlaç, Nötropeni

**İrfan Yavaşoğlu**

Adnan Menderes University Faculty of Medicine, Division of Hematology, Aydın, Turkey

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Address for Correspondence: İrfan YAVAŞOĞLU, M.D., Adnan Menderes University Faculty of Medicine, Division of Hematology, Aydın, Turkey  
Phone: +90-256-2120020 E-mail: dryavas@hotmail.com

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#### Reply:

We are very pleased by the interesting comment and participation by Yavaşoğlu. As we already mentioned in the article oral terbinafine is a highly effective agent, which is generally well tolerated. Two large-scale postmarketing surveillance studies showed that the incidence of serious side effects was <1% [1,2]. We want to clarify that the main purpose of our report was to share the experience of handling such a difficult case with colleagues who are practicing medicine, since the definite causality of aplastic anemia with oral terbinafine cannot be established [3]. The well prepared case presented by Yavaşoğlu and Arslan is another example in this regard [4]. In addition MCV and serum vitamin B12 levels were missing in most of the cases reported in the literature, but they were both in normal ranges in our case.

**Bülent Kantarcioğlu**

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## Multiple Myeloma and Alkaline Phosphatase

### Multipl Myelom ve Alkalen Fosfataz

#### To the Editor,

The article entitled "Bone-Specific Alkaline Phosphatase Levels among Patients with Multiple Myeloma Receiving Various Therapy Options", written by Çetin et al. [1] and published in a recent issue of your journal, was quite interesting. Here we would like to emphasize some relevant points.