

## Molluscum Contagiosum in Interdigital Area of Foot in a Pregnant Patient

A 20-year-old female patient was admitted to our clinic with a complaint of swelling on her toe for 5 months. She had a 7-month history of pregnancy and it was learned that the lesion had grown during pregnancy. No similar lesions were observed in another part of the body. Her medical history and family history were normal. ELISA for HIV was negative. Dermatological examination revealed a pale erythematous papule on the third interdigital region that had a sulcus on it [Figure 1]. Pyogenic granuloma and molluscum contagiosum (MC) were considered and the lesion was totally excised. Histopathological examination revealed intracytoplasmic viral inclusion bodies in keratinocytes [Figure 2].

MC is a common infection caused by an MC virus.<sup>[1]</sup> It mainly affects young children, sexually active adults and immunocompromised patients.<sup>[2]</sup> Umbilicated pearly papules are

usually sufficient for diagnosis. MC may spread by autoinoculation, direct contact, towel, or swimming.<sup>[1,3]</sup> The most affected sites are the genital region, the axillary and the popliteal fossa. Oral mucosa, conjunctiva, and plantar involvement are rare. The clinical diagnosis of MC infections in atypical localization may be difficult and may be related to human immunodeficiency virus (HIV) infection.<sup>[4]</sup> Lesions at the base of the foot can be mixed with epidermal cyst, eccrine poroma, verruca, and pyogenic granuloma.<sup>[4,5]</sup>

In conclusion, we think that pregnancy, which is an immunosuppressive condition, causes the development and growth of MC in interdigital area which is an atypical localization for MC infection.

### Declaration of patient consent

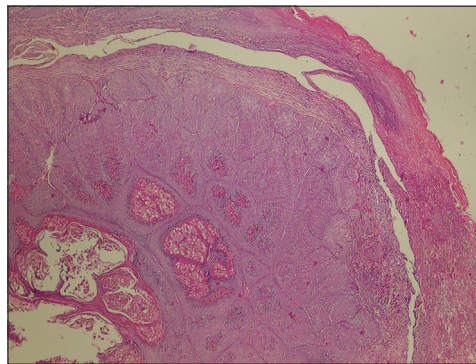
The authors certify that they have obtained all appropriate patient consent forms. In the

**Murat Ozturk,**  
**Rojda Aktar<sup>1</sup>,**  
**Remzi Erten<sup>2</sup>**

*Department of Dermatology, Health Sciences University, Van Training and Research Hospital, Departments of <sup>1</sup>Dermatology and <sup>2</sup>Pathology, Yuzuncu Yil University, Faculty of Medicine, Van, Turkey*



**Figure 1:** A pale erythematous papule on the third interdigital region that had a sulcus on it



**Figure 2:** Intracytoplasmic viral inclusion bodies in keratinocytes and acanthotic epidermis (hematoxylin and eosin  $\times 40$ )

**Address for correspondence:**  
Dr. Murat Ozturk,  
Department of Dermatology,  
Health Sciences University,  
Van Training and Research  
Hospital, Van, Turkey.  
E-mail: [chayacholic@hotmail.com](mailto:chayacholic@hotmail.com)

This is an open access journal, and articles are distributed under the terms of the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 License, which allows others to remix, tweak, and build upon the work non-commercially, as long as appropriate credit is given and the new creations are licensed under the identical terms.

For reprints contact: [reprints@medknow.com](mailto:reprints@medknow.com)

**How to cite this article:** Ozturk M, Aktar R, Erten R. Molluscum contagiosum in interdigital area of foot in a pregnant patient. *Indian Dermatol Online J* 2019;10:755-6.

**Received:** November, 2018. **Accepted:** December, 2018.

Access this article online

Website: [www.idoj.in](http://www.idoj.in)

DOI: 10.4103/idoj.IDOJ\_408\_18

Quick Response Code:



form the patient(s) has/have given his/her/their consent for his/her/their images and other clinical information to be reported in the journal. The patients understand that their names and initials will not be published and due efforts will be made to conceal their identity, but anonymity cannot be guaranteed.

#### *Financial support and sponsorship*

Nil.

#### *Conflicts of interest*

There are no conflicts of interest.

#### **References**

1. Rosner M, Zloto O. Periocular molluscum contagiosum: Six different clinical presentations. *Acta Ophthalmol* 2018;96:e600-5.
2. Atzori L, Corbeddu M, Mou M, Pilloni L, Rongioletti F. Molluscum contagiosum arising in a melanocytic congenital nevus. *Pediatr Dermatol* 2018;35:e310-11
3. Forbat E, Al-Niimi F, Ali FR. Molluscum contagiosum: Review and update on management. *Pediatr Dermatol* 2017;34:504-15.
4. Aydoğan I, Küçükçakır O, Kavak A, Yıldırım U. Interdigital molluscum contagiosum on the foot. *Int J Dermatol* 2014;53:e396-7.
5. Ferrari B, Lösch AI, Larralde M. Comment on “Molluscum contagiosum: Review and update on management”. *Pediatr Dermatol* 2018;35:280-1.