Becker's nevus

Alshimaa M. Abbas Mostafa

In 1948, S. William Becker described melanosis and hypertrichosis in two reported cases that were later known as "Becker's nevus" [1]. It is a relatively common, benign cutaneous hamartoma, clinically characterized by light- to a dark-brown patch of variable size and irregular borders [2]. Common sites for Becker's naevus are on the upper trunk, chest, or scapular region [3]. Lesions usually appear during puberty, however, rarely lesions appeared at birth or early childhood [3]. Although it is mostly unilateral, Becker's melanosis may present with bilateral lesions and on atypical sites like the lower limbs [4]. The exact etiology is unknown, but androgen stimulation may be responsible for the hypertrichosis and darker pigmentation in postpubertal males [5].

In this case, the presentation of classic Becker's nevus in a young male, the nevus continued to increase in dimensions and affected a large area of his upper limb [6]. This represents not only a diagnostic but also a therapeutic challenge as most patients are concerned about cosmetic appearance. Current treatment modalities are limited including laser with variable success rates.

References

- Cossendy FE, Martinez NS, Bernhard GA, et. al. Sindrome do nevo de Becker. An Bras Dermatol 2010;85(3):379-83.
- Dasegowda SB, Basavaraj G, Nischal K, et. al. Becker's nevus syndrome. *Indian J Dermatol* 2014;59(4):421.
- Patrizi A, Medri M, Raone B, et. al. Clinical characteristics of Becker's nevus in children: report of 118 cases from Italy. *Pediatr Dermatol* 2012;29(5):571-4.
- Goel K, Relhan V, Bansal S, et. al. Acquired linear Becker's nevus on lower limb in Blaschkoid pattern. *Indian J Dermatol Venereol Leprol* 2015;81(3):328.
- Downs AM, Mehta R, Lear JT, et. al. Acne in a Becker's naevus: an androgen-mediated link? Clin Exp Dermatol 1998;23(4):191-2.
- 6. Syed MMA. Becker naevus. Int J Stud Res 2016;6(2):20.

Competing Interests

The author declares that he has no competing interests.

Funding

Sources of funding: None.

Please cite this paper as: Mostafa AMA. Becker's nevus. *Int J Stud Res* 2016;6(2):21.

Department of Dermatology, Faculty of Medicine, Bani-Suef University, Beni Suef, Egypt. E-mail: alshimaamostafa@med.bsu.edu.eg



This is an Open Access article distributed under the terms of the Creative Commons Attribution License (http://creativecommons.org/licenses/by/3.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.