

Dermoscopy of arteriovenous hemangioma

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Figure 1a: The patient presented with grouped, erythematous papules on his left forearm

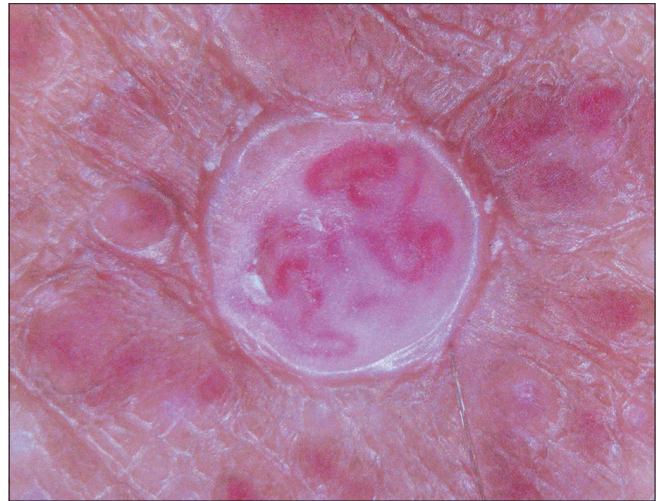


Figure 1b: Dermoscopic examination revealed homogeneous erythematous background and telangiectatic serpentine vessels

A 30-year-old man presented with multiple erythematous papules coalescing into a 1.5-cm plaque on his left forearm [Figure 1a], which had been present for more than 10 years. On dermoscopic examination (DermLite Foto (3Gen, Dana Point, California), magnification 20 \times , no contact fluid used), most of the papules were characterized by homogeneous erythematous background, while some of the larger papules showed telangiectatic serpentine vessels (long, winding vascular structures) [Figure 1b]. A skin biopsy showed numerous thick-walled arteries and veins in the dermis. A diagnosis of arteriovenous hemangioma (malformation) was made. Previously, the most common dermoscopic feature of arteriovenous hemangioma was found to be non-arborizing telangiectasia on a reddish background.¹ Therefore, dermoscopy may be a valuable tool for the preoperative diagnosis of this vascular malformation.

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Conflicts of interest

There are no conflicts of interest.

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Stephen Chu-Sung Hu^{1,2,3}, Chi-Ling Lin²

¹Department of Dermatology, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan, ²Department of Dermatology, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan, ³Department of Dermatology, Kaohsiung Municipal Siaogang Hospital, Kaohsiung, Taiwan

Corresponding author:

Dr. Chi-Ling Lin,
Department of Dermatology, Kaohsiung Medical University Hospital, 100 Tzyou 1st Road, Kaohsiung 807, Taiwan.
930307@kmuh.org.tw

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