Introduction

Fibroepithelioma of Pinkus (FeP), a rare subtype of basal cell carcinoma, classically presents on the trunk as a pink, light brown, or skin-colored papule or plaque. Dermoscopy is a tool that can be utilized by dermatologists to correctly diagnose FeP. The dermoscopic features of FeP include polymorphous vessels, crystalline structures, milia-like cysts, ulceration, gray-brown areas, and gray-blue dots [1]. We present a case of FeP with negative network.

Case Presentation

A 74-year-old man presented to our clinic with a 6-month history of a slowly growing, scaly, and irritated lesion on the left flank. On examination he was found to have a roughly 1-cm, ovoid, bright pink, scaling papule (Figure 1). On dermoscopy, the lesion was noted to have a negative network, polymorphous blood vessels, white crystalline structures, and white scale (Figure 2). The biopsy pathology was consistent with a superficial basal cell carcinoma, FeP type (Figure 3). With a histological stain for melanin, the tumor showed focal zones of hypopigmentation at the sites of the tumor’s attachment to the epidermis. These hypopigmented zones at the tumor “stalks” alternated with intervening zones of normally pigmented epidermis (Figure 4). The lesion was subsequently destroyed with electrodesiccation and curettage.

Conclusions

Classically, FeP presents as a pink, light brown, or skin-colored papule or plaque on the trunk. Due to nonspecific clinical findings and misdiagnosis, FeP may be more common than previously thought. Clinically, it may resemble benign growths such as dermal nevus, seborrheic keratosis, or soft fibroma [1]. On histology, FeP has distinct tumor islands with basaloid (often palisading) cells within a fibromatous stroma (Figure 3) [1].

Negative network consists of a relatively light reticulated pattern that mimics a pigmented network, except that the light network surrounds darker areas that fill the spaces between the lines (Figure 2) [2,3]. Negative network has previously been associated with malignant melanoma, acquired and congenital nevi, Spitzoid lesions, and dermatofibromas.
In our FeP case, the hypopigmented tumor stalks were likely the edges of vertical planes surrounding and enveloping stroma; this created the appearance of a negative network on surface dermoscopy (Figure 4). One prior case report also described the association of FeP with a negative network that resulted from strands of epithelial cells emerging from the underside of the epidermis [3]. Given the overlapping clinical and dermoscopic features of FeP with benign and malignant melanocytic and nonmelanocytic tumors, the conservative approach of biopsy is recommended.

**References**