



SKIN CANCER (OTHER THAN MELANOMA)

IDIOPATHIC MULTIPLE SKIN MICRO CYSTS — A PREVIOUSLY UNNAMED SKIN DISEASE?

Zhongye Chen⁽¹⁾ - Ling-ji Zeng⁽¹⁾

Jinshazhou Hospital Of Guangzhou University Of Chinese Medicine, Department Of Dermatology, Guangzhou, China⁽¹⁾

Background: We recently found a patient with asymptomatic multiple skin cysts bilaterally on the forearms and elbows in a clinical trial. To our knowledge, there is no existing disease that matches the unique clinical manifestation and histopathologic changes of this patient. This disease can not be classified into any known skin disease.

Observation: The patient is a 47-year-old Chinese male without causes or discomfort detected before and after the presence of cysts. The skin cysts are slightly raised lesions with a variety of shapes (hemispherical and circular) and sizes. The cysts range in size from 2 mm to 10 mm. The skin lesions have a 'bulls-eye' appearance due to an elevated circular outer ridge. The cysts number roughly over a hundred (100) and are confined to the arms. Histopathologic examination revealed epidermal hyperkeratosis, parakeratosis and acanthosis. Oval cysts appear on the dermal papilla, surrounded by thick collagen fibers. The epidermis on top of the cysts is shriveled and thinning, and the epidermis below the granular layers is no longer visible. The cyst wall is composed of squamous cells, with keratosis seen inside the cysts.

Key message: Thus, we present a possibility of a new skin disease. We would be honored to name it "idiopathic multiple skin micro cysts".

