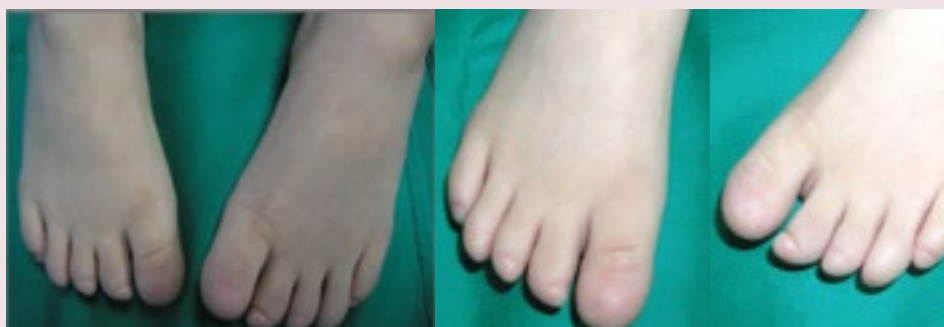


IMAGES IN DERMATOLOGY

Congenital non-syndromic partial anonychia

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Female patient, 8-years-old, clinical picture compatible with scabies. The physical examination revealed complete absence of toenails; no other lesions or accompanying symptoms were observed, nor any malformations in other parts. During the medical consultation, the mother reported the absence of toenails since birth and child's normal psychomotor development. Furthermore, no history of malformations, nor any medication intake during pregnancy were reported.

Due to parents' negative response, no foot x-rays were performed; nonetheless, a Minor Test was performed, that which ruled out hypohidrosis. Congenital non-syndromic partial anonychia was diagnosed.

Congenital anonychia is a rare condition characterized by the absence of fingernails, toenails, or both. It may occur in association with a wide variety of conditions and syndromes, such as hypohidrotic ectodermal dysplasia, aplasia/hypoplasia of the distal phalanges, or it may appear as an isolated abnormality, without symptoms.

Furthermore, associated cases with medication intake during pregnancy, involving carbamazepine, phenytoin, warfarin, morphine and alcohol, were reported. references

Congenital non-syndromic anonychia may be partial, affecting one or several nails, such as the present case, or total and asymptomatic; it follows an autosomal dominant or recessive pattern of inheritance. Prosthetic acrylic nails improve the appearance of patients that present aesthetic discomfort.

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