Gamasoidosis illustrated - From the nest to dermoscopy *
Gamasoidose ilustrada - Do ninho à dermatoscopia

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Abstract: Gamasoidosis (acariasis, avian-mite dermatitis or bird-mite dermatitis) is a challenging diagnosis that is becoming more common because of the frequent use of window air conditioners in tropical countries. These devices may serve as shelters for nests of urban birds such as pigeons. Dermatologists should become familiar with this infestation to establish the correct diagnosis and treatment.

Keywords: Ectoparasitic infestations; Mite infestations; Mites

Resumo: Gamasoidose (acariase, infestação por "piolinho-de-pombo" ou dermatite por ácaros aviários) é um diagnóstico desafiador que está se tornando mais comum devido ao uso frequente de aparelhos de ar-condicionado de janela em países tropicais, que servem de abrigo para ninhos de pássaros urbanos tais como pombos. Dermatologistas devem se familiarizar com esta infestação para fazerem diagnóstico e tratamento adequados.

Palavras-chave: Ácaros; Ectoparasitoses; Infestações por ácaros

Gamasoidosis (acariasis, avian-mite dermatitis or bird-mite dermatitis) is a frequently unrecognized ectoparasitosis. ¹-⁶ In contrast to scabies, mites spare interdigital spaces, axillae, and genitalia and cannot be found in human skin because they leave the host after feeding. ² Nosocomial infestations have been reported. ⁴ ⁵ Urban gamasoidosis is becoming common in tropical countries because of the frequent use of window air conditioners, which serve as shelters for bird nests.

These photos illustrate gamasoidosis in an apartment where two people lived. Patients presented with unexplained chronic pruritus in the neck and shoulders for 3 months, with occasional signs of dermographism and excoriations (Figure 1). The symptoms were relieved with antihistamines, as initial diagnosis was an urticarial reaction.

A specimen was taken to the dermatologist’s office by one patient immediately after he found an unrecognizable “dot” when searching his neck after a “crawling” sensation. Dermoscopy revealed an avian...
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