



AUTOIMMUNE CONNECTIVE TISSUE DISEASES

## PARANEOPLASTIC DERMATOMYOSITIS REVEALING A PROCESS OF THE CAVUM: ABOUT AN OBSERVATION

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**Background:** Dermatomyositis (DM) is an inflammatory disease of unknown origin that manifests as myopathy associated with typical skin lesions. The DM and cancer association is frequent (18 to 32% depending on the series). Described for the first time by Stertz in 1916 in association with gastric cancer. All histological types and all cancer locations observed in the general population can be associated with DM. Its association with nasopharyngeal carcinoma (NPC) is poorly described and of the order of one case per 1000 cases of nasopharyngeal cancer. We report an observation of dermatomyositis revealing a nasopharyngeal process.

**Observation:** An 18-year-old woman with no significant pathological history consulted for pruritic skin lesions associated with muscle weakness that had been present for 4 months exactly at 8 months of pregnancy. The dermatological examination revealed the presence of bilateral eyelid edema with a sign of chole and a sign of the revolver holster positive, papules of gouttrons with positive sign of the cuticle, periungual dermoscopy revealed the presence of megacapillaries. The diagnosis of dermatomyositis was suspected on cutaneous and muscular signs and confirmed on biological and histological clinical criteria. Given the presence of pruritus that preceded the appearance of cutaneous and muscular signs, a paraneoplastic assessment was performed, revealing the presence of a process at the level of cavum.

**Key message:** Various paraneoplastic syndromes like dermatomyositis associated with nasopharyngeal carcinomas have been described. Although rare, they deserve to be studied. Their recognition is sometimes of great importance for early diagnosis.

