



SKIN MANIFESTATIONS OF INTERNAL DISEASE

## A RARE MANIFESTATION OF A RARE SYNDROME

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Background: Necrolytic migratory erythema (NME) is a rare skin condition that usually appears as a paraneoplastic process in patients with glucagonoma. It integrates glucagonoma syndrome with weight loss, diabetes mellitus and anemia.

We describe a rare case of a man admitted to the department of dermatology with NME, which was found to be associated with glucagonoma syndrome. Our observation is characterized by the extent of the lesions, the delayed diagnosis and the rare location of the tumor in the body of the pancreas.

Observation: A 50-year-old male with a 11-month history of recurrent pruritic cutaneous lesions, was admitted to our dermatology department. Physical examination revealed erythematous plaques in the extremities, abdomen, axillae, and gluteal region, flaccid bullae, erosive scaling and crusted patches on the genital and groin area. He also presented with similar lesions in the perioral and periocular areas associated with angular cheilitis. Examination of biopsy specimens showed a wet parakeratosis in the epidermis, vacuolization of superficial keratinocytes and spongiosis. A Thoraco-abdominal pelvic computed tomography scan showed a pancreatic mass (body) and multiple metastatic nodules in the liver and the lung. Histopathological examination of a hepatic lesion revealed a neuroendocrine tumor well differentiated Grade I. His level of serum glucagon was elevated at 7627ng/L.

With the support of these findings, the diagnosis of NME associated with glucagonoma syndrome was made. Palliative treatment with octreotide and chemotherapy was proposed with complete resolution of the skin lesions and stability of radiological lesions without relapse for 2 years of follow up.

Key message: The NME is a rare dermatological condition that should prompt the search for glucagonoma. We must think about it in front of an erosive vesiculobullous erythema with centrifugal evolution associated with mucosal signs, diabetes with weight loss.

