



SKIN MANIFESTATIONS OF INTERNAL DISEASE

PANCREATIC PANNICULITIS IN PATIENT WITH METASTATIC MELANOMA UNDER BRAF INHIBITOR TREATMENT

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Background: Panniculitis is a rare complication of BRAF inhibitor treatment, while the pancreatic one represents a distinct entity caused by acute panniculitis.

Observation: We report a case of a 69 year-old Caucasian man hospitalized for acute pancreatitis with multiple, tender, warm and erythematous subcutaneous nodules on legs, arms and abdominal region. Due to metastatic melanoma he was under BRAF-inhibitor treatment. Blood tests revealed elevated serum amylase, while chest and abdominal computed tomography showed choleocholithiasis. Histopathological examination of the skin nodules demonstrated pathognomonic tissue alteration characteristic of pancreatic panniculitis.

Key message: Pancreatic panniculitis belongs in skin manifestations of internal diseases. Although choleocholithiasis is already well established predisposing factor for acute pancreatitis, the concomitant synergy of BRAF-inhibitors could also contribute to pancreatic lysis. The subsequent troublesome pancreatic panniculitis although rare (2%) could reasonably attributed to enhanced pancreatic tissue lysis due to over activated T-cells action because of the BRAF inhibition.

