

Tyrosine Kinase Inhibitors - Induced Cutaneous Leukocytoclastic Vasculitis

Vasculite Leucocitoclástica Cutânea Induzida por Inibidores da Tirosina-Cinase

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A 66-year-old patient with metastatic renal clear cell carcinoma, developed palpable purpura during systemic treatment with different tyrosine kinase inhibitors (TKI). One week after starting pazopanib, the patient presented a purpuric rash on both ankles. Initially, the condition was managed with temporary discontinuation and dose reduction of TKI. Biopsy proved leukocytoclastic vasculitis. No other organ was involved. The patient eventually switched to sunitinib due to recurrent toxidermia. Three weeks later, the reappearance of the same lesions was resolved with sunitinib withdrawal and

prednisone 0.5 mg/kg. Sunitinib was resumed with concomitant steroids at lower dose but discontinued due to tumour progression. After third-line nivolumab without significant side effects, cabozantinib was initiated with recurrence of the same vasculitic lesions. To the best of our knowledge, this is the first report of a significant cutaneous adverse reaction to three different TKIs in the same patient, illustrating a potential therapeutic class effect.

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FIGURE 1

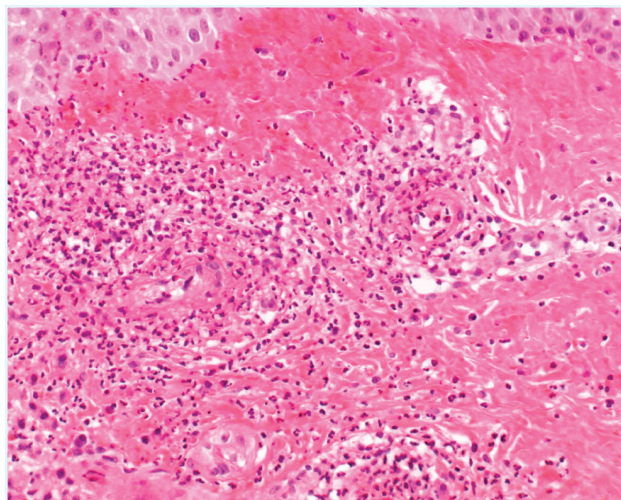


FIGURE 2

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