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Painful Foot Lesions: A Case Report
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Background: Hand-Foot Skin Reaction (HFSR) is a documented cutaneous adverse reaction to tyrosine kinase inhibitor chemotherapy. Cutaneous toxicities such as HFSR can be debilitating and may result in serious complications; however, continued chemotherapy is desirable to optimize the patient’s odds of survival and tumor remission. Accurate diagnosis and prompt identification of the culprit medication is critical to appropriate management of this entity.

Case: We present a case of a 66-year-old man, with past medical history of metastatic renal clear cell carcinoma, who was ultimately diagnosed with grade 3 HFSR triggered by axitinib, a tyrosine kinase inhibitor. Our patient was able to expeditiously resume chemotherapy after temporary cessation of axitinib with concurrent topical steroids and keratolytics. Patient consent was obtained to use this case for educational purposes.

Conclusion: Expedient return to life-prolonging chemotherapy is of great importance for patients with advanced malignancies. We aim to increase awareness of tyrosine kinase inhibitor induced HFSR and review the current guidelines for management.

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