

Abstract

Sweet Syndrome (acute febrile neutrophilic dermatosis) and typhlitis, two rare and potentially life-threatening conditions, rarely coexist in the setting of myelodysplastic syndrome. We present a challenging case of a 48-year-old male with myelodysplastic syndrome who developed concurrent Sweet Syndrome and typhlitis. The patient exhibited rapid development of painful erythematous plaques fulfilling the diagnostic criteria for Sweet Syndrome. Simultaneously, he experienced symptoms and ultrasound features suggestive of typhlitis, adding complexity to the diagnosis. The coexistence of these conditions in an immunocompromised patient posed significant clinical dilemmas. Thorough diagnostic evaluation, including skin biopsy and imaging studies, was pivotal in confirming the diagnoses. Broad-spectrum antibiotic coverage and oral prednisolone were initiated, leading to a rapid and dramatic recovery. This unique case underscores the diagnostic challenges and successful management of this rare and complex presentation. This report sheds light on the intricate nature of managing such complex clinical scenarios, emphasizing the importance of a comprehensive approach in immunocompromised individuals.