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Cause of Fever in a Case with End-Stage Renal Disease: Splenic Marginal Zone Lymphoma

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Abstract: Splenic marginal zone lymphomas (SMZL) are rare tumors arising from B-cells, accounting for approximately 1% of all lymphomas. An accompanying lymphoma is uncommon in patients who have chronic renal failure and undergo hemodialysis. We present herein a 35-year-old male hemodialysis patient admitted with fever, abdominal pain, and splenomegaly, diagnosed with SMZL. In our investigations in the English literature, we did not observe any SMZL case among hemodialysis patients. Fever may emerge due to different causes in chronic hemodialysis patients, primarily infections. In hemodialysis patients presenting with fever, lymphoma and other malignant diseases should be considered.

Key Words: Splenic marginal zone lymphoma, hemodialysis patient, fever

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