

- **An Unusual Presentation of Mantle Cell Lymphoma in the Setting of Hemolytic Anemia**

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**ABSTRACT:** Mantle Cell Lymphoma (MCL) is the rarest of the Non Hodgkin's type lymphomas and lymphomas overall. Most Non Hodgkin's have an association with hemolytic anemia but Mantle Cell Lymphomas do not. One case in the literature describing a case where a patient had Mantle Cell Lymphoma with that presentation of the disease (38). The following case describes a patient with an unusual presentation of hemolytic anemia that was transfusion dependent. A 60 year old man presented to his primary caregiver with the chief complaint of general malaise and fatigue. He was subsequently hospitalized since he was found to be anemic. He was transferred to a tertiary care center since further testing revealed that he had a diffuse B cell lymphoma later identified as mantle cell lymphoma. His anemia improved and he subsequently received several rounds of chemotherapy over the next five months after his diagnosis. He received the R-CHOP regimen which is Rituxan, Cyclophosphamide, Adriamycin, and Prednisone. This is preferred therapy for MCL. Unfortunately this patient declined over this five month period, and developed Rituxan associated pulmonary toxicity that further complicated matters. The patient expired four months later from septic shock. This case is interesting both in the presentation and course of the disease. His presentation of the disease was also atypical being negative for a translocation commonly associated with the disease between chromosomes 11 and 14, and was negative for cyclin D-1, a regulatory protein associated with cellular kinases involved in DNA transcription.