

Clinical Image

A Rare Form of Mycobacterium Avium Infection in A Patient Treated for A Chronic Lymphocytic Leukemia

Marchand T^{1,2*}, Revest M^{3,4} and Lamy T^{1,2}¹Department of Clinical Hematology, Rennes University Hospital, France²INSERM UMR 917, Université Rennes 1, France³Infectious Disease and Intensive Care Unit, Rennes University Hospital, France⁴CIC INSERM 0203, Université Rennes 1, France

***Corresponding author:** Tony Marchand, Department of Clinical Hematology, Rennes University Hospital, 2, rue Henri Le Guilloux, 35033 Rennes Cedex 9, France, Tel: 33299284291; Fax: 33299284161; Email: tony.marchand@chu-rennes.fr

Received: November 18, 2014; **Accepted:** November 21, 2014; **Published:** November 24, 2014

Clinical Image

A 73 years old woman, known for a chronic lymphocytic leukemia previously treated by 3 chemotherapy lines presented a painful swelling of the right lower limb after a fall. Physical examination did not find lymphadenopathy in an a febrile patient. Magnetic Resonance Imaging (MRI) revealed a collection of the postero-internal muscle compartment of the right thigh. The hypothesis of a hematoma was made and analgesics prescribed. Six months later, patient had persistent pain. The control MRI revealed a major increased in the volume of the collection measuring 10 x 8 x 20 cm with a fatty infiltration (Panel A and B). A surgical washing was performed. Culture grew Mycobacterium avium. Treatment consisted of oral antibiotics (clarithromycine, ethambutol and Rifabutine) and was followed by a rapid clinical improvement. Nontuberculous mycobacterial infections usually affected immunocompromised host. Diagnosis of this rare kind of infection is often difficult and requires clinical, radiological and microbiological expertise.

