

Images in medicine

Pseudotumoral form of granulomatosis with polyangiitis



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Image in medicine

A 65-year-old woman, non-smoker presented with a two-month history of cough. She also complained of arthralgia and weight loss. The clinical examination revealed a febrile patient. The chest radiograph and the scanner revealed right upper lobar mass, with spiculated contours (A, B). Biology showed an inflammatory

syndrome. Polymerase chain reaction for *Mycobacterium tuberculosis* and tumor markers was negative. A lung biopsy showed non caseous granulomatous vasculitis. The cytoplasmic antineutrophil cytoplasmic antibody (cANCA/PR3/ANCA) showed a positive result; Wegener's granulomatosis was finally confirmed. The patient was treated with prednisone and cyclophosphamide with favorable outcome. A follow-up chest radiography two weeks after treatment showed resolving pulmonary lesions (C).



Figure 1: A) chest radiography revealed right upper lobar mass, with spiculated contour; B) chest scanner revealed right upper lobar mass, with spiculated contours; C) chest radiography two weeks after treatment showed resolving pulmonary lesions