

CASE 9

Submitted by: Dr. P. Lampert, AFIP, Washington, D.C. and Dr. M. Tom, University of Toronto, Canada.

A 49 year old man presented a seven year history of "odd" behavior. He "used to imagine things". An attack of arthritis was associated with the beginning of his mental disturbances. He was stuporous, had clonic movements of left face and arm with synchronous vertical nystagmus. There was an increase of muscle tone in both arms. Laboratory findings were negative. Pneumoencephalogram presented diffuse pronounced atrophy of cortex. The EEG was diffusely abnormal but without any localizing activity.

Autopsy revealed enlarged mesenteric lymph nodes, fibrous pericardial adhesions, and atrophy of the frontal lobes. The ventricular surface was studded with pinpointed nodules. Widespread involvement of the cerebral cortex, basal ganglia, cerebellum and brain stem by same lesions as seen in slide was found. The section is stained with Aldehyde Thionine PAS.