

A 29 year-old man with subacute catatonia

Teaching NeuroImages

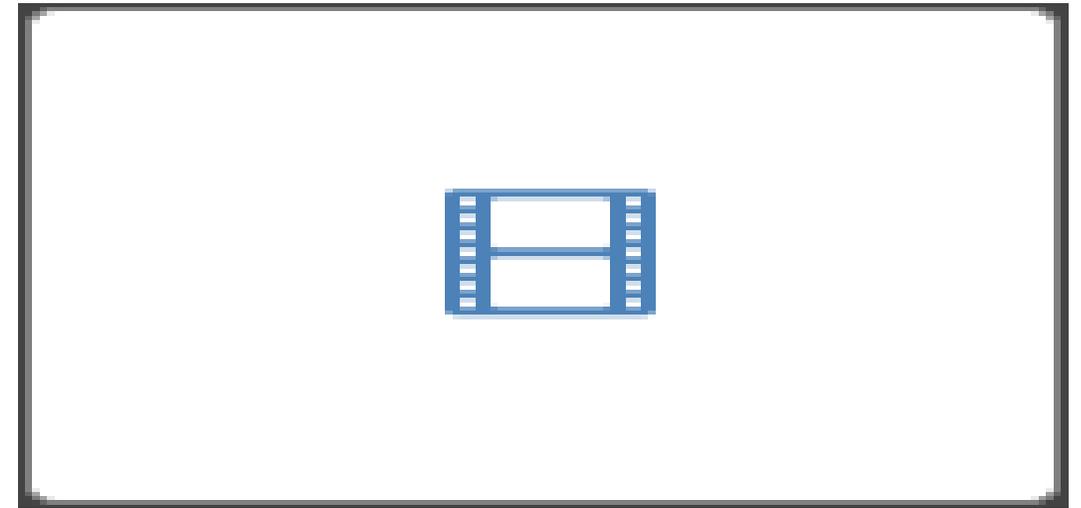
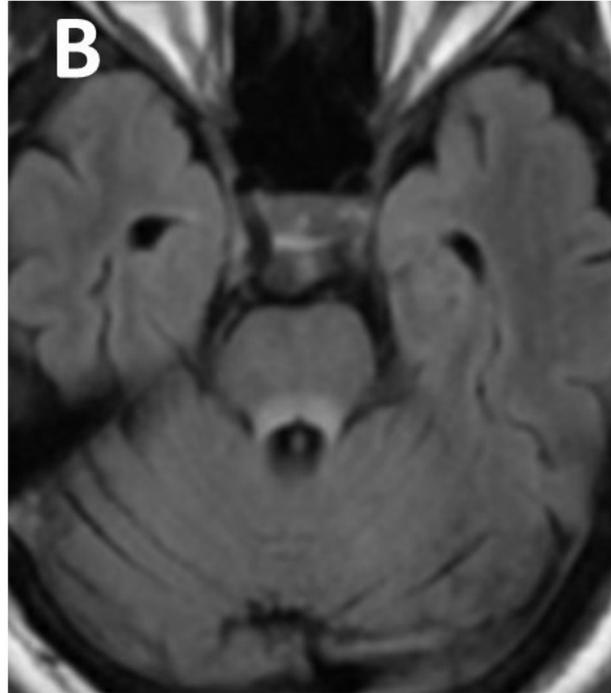
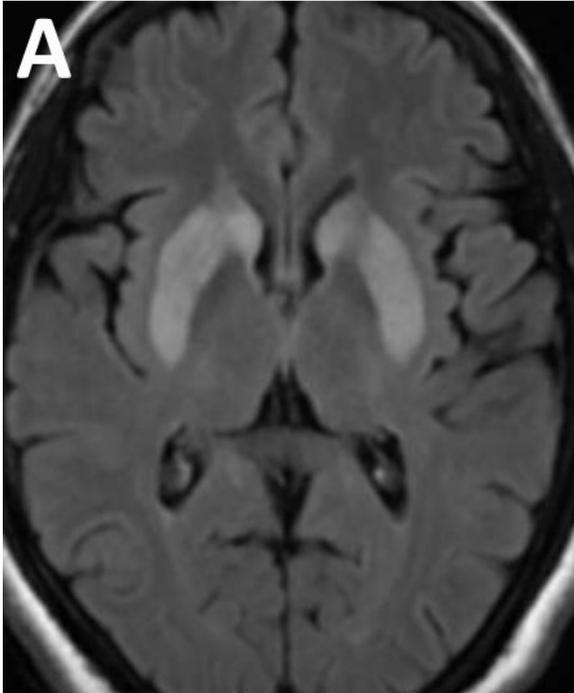
Neurology[®]

Resident & Fellow Section

Vignette

- A 29 year-old man with history of depression presents with 4 months of progressive abdominal pain and encephalopathy.
- On exam, he was non-responsive, bradykinetic, spastic, and had catatonia with waxy flexibility (Video 1).
- He had new liver cirrhosis.
- MRI brain revealed abnormal signal in basal ganglia and pons (Figure 1).

Imaging and Video



Wilson's disease

- Serum ceruloplasmin was low and 24-hour urine copper was elevated. Two heterozygous mutations in ATP7B gene (c.1934T>G and c.207G>T) confirmed the diagnosis of Wilson's disease.
- Catatonia is a rare psychiatric manifestation of Wilson's disease.¹ Early recognition is essential for prompt initiation of chelation therapy.²