

# A 68-year-old woman with visuospatial deficits

Teaching NeuroImages

*Neurology*<sup>®</sup>

Resident & Fellow Section

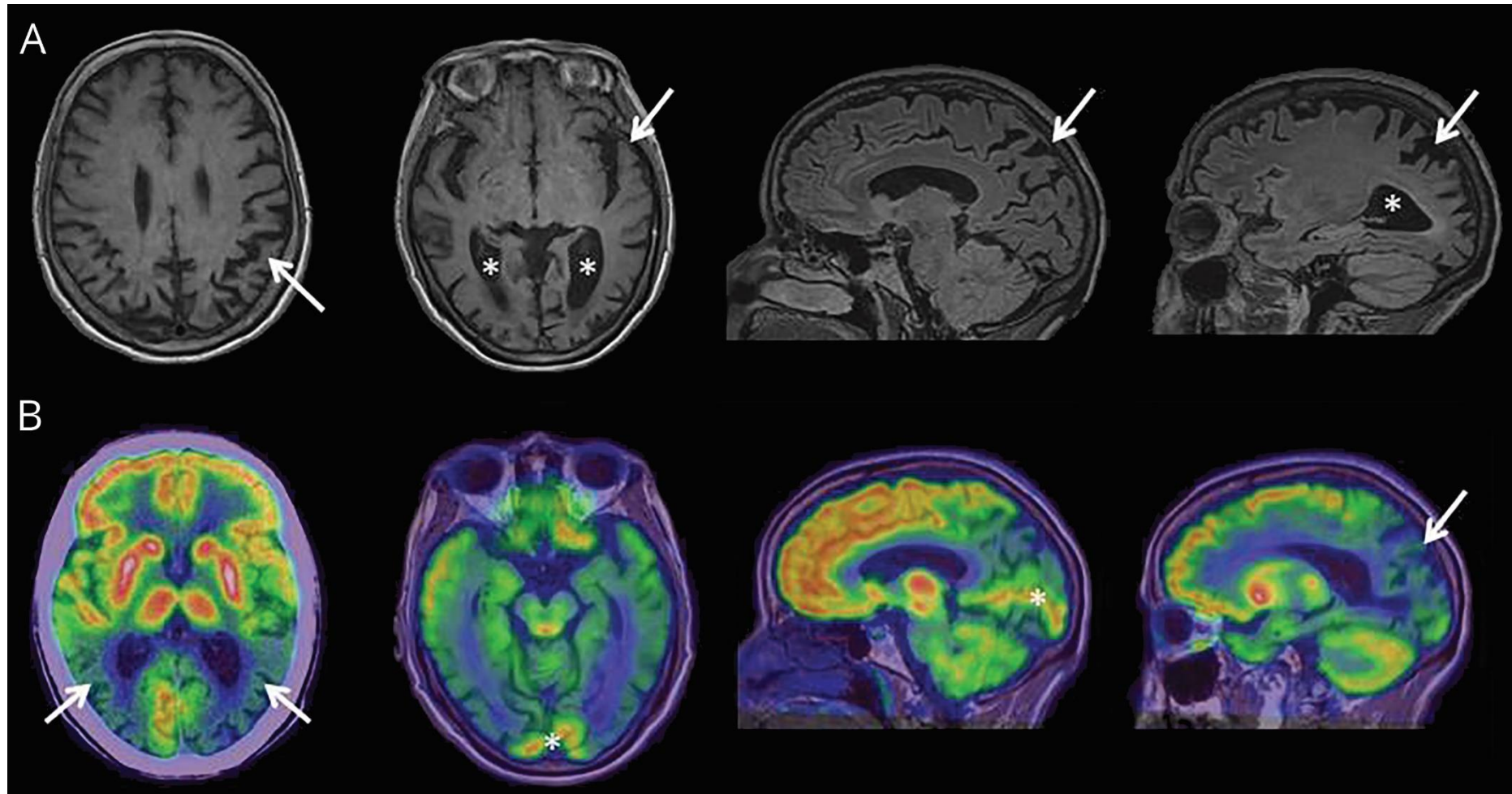
# Vignette

- A 68-year-old woman.
- Previously Healthy.
- Developed progressive visuospatial deficits, motor dyspraxia and inability to read along with loss of her independence during 18 months.
- Relatively spared memory and speech.

# Image: Video



# Image



# Cortical posterior atrophy presenting with Balint syndrome

- Neurological examination evidenced oculomotor apraxia, optic ataxia, and simultanagnosia along with dyspraxia.
- Neuroimaging showed cortical atrophy with impaired metabolism on both occipito-parietal association cortexes but preserved primary visual cortex
- Posterior Cortical atrophy is a rare cause of Balint's syndrome, and it usually represents a variant of Alzheimer's disease but can also occur in other neurodegenerative disorders such as corticobasal degeneration.
- Other causes for Balint's syndrome such as PRES, or watershed infarcts should be ruled-out.