

59th ANNUAL DIAGNOSTIC SLIDE SESSION 2018.

CASE 2018-1

Submitted by:

Diana Thomas, MD, PhD and Julia Kofler, MD

UPMC Department of Pathology

200 Lothrop Street, Scaife Hall S701

Pittsburgh, PA 15261

Clinical History:

The patient was a 61-year-old female who started to experience syncopal episodes at about age 49. As part of her work-up she had a CT scan of the brain which revealed abnormalities in the white matter. She subsequently developed gait abnormalities but remained cognitively intact with preserved memory. In her late 50s, she lost the ability to walk and developed urinary incontinence. In the last few months before death, she experienced progressive lapses in her short-term memory.

Her family history was notable for a similar disease process in her father, two of her three siblings and in one cousin.

Material submitted:

Gross image, 1 H&E slide, 1 Luxol fast blue/PAS stain

Points for discussion:

1. Diagnosis and differential diagnosis
2. Ancillary studies