

60th ANNUAL DIAGNOSTIC SLIDE SESSION 2019.

CASE 2019-5

Submitted by:

Richard A. Hickman, M.B.Ch.B & James E. Goldman, M.D., Ph.D.,
630 West Broadway,
Columbia University Irving Medical Center,
New York, NY 10032

Clinical History:

39-year-old, HIV+, male presented with repeated bouts of fevers and altered mental status, requiring hospitalization four times at an outside hospital. CSF infectious workups were negative. On the most recent admission, cranial imaging revealed a 'brainstem mass' at an outside hospital and the patient was transferred to our institution, requiring intubation. Despite numerous courses of antibiotic therapies, he died. An autopsy (brain-only) was requested to ascertain the cause of death.



Material submitted:

1. Gross photographs of the base of the brain and transverse sections of the brainstem
2. Luxol Fast Blue/ H&E stained section of the midbrain (right half)

Points for discussion:

1. Diagnosis and differential diagnosis
2. Ancillary tests