

CASE 6

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This 38 year old Caucasian male had a left upper lobectomy for bronchogenic adenocarcinoma. Shortly thereafter he developed weakness with hyperactive deep tendon reflexes of the right arm and leg. Brain scan showed increased uptake in the right temporal lobe. At craniotomy metastatic adenocarcinoma of the left temporal lobe was found. Initially he improved but 2-1/2 months later his symptoms and signs returned. He rapidly deteriorated and expired 3-1/2 months after his initial treatment. No radiation therapy was given.

Autopsy showed metastases involving the right lung, liver, pancreas, right adrenal, kidneys, and brain. The brain weighed 1650 gm. A 10 x 3 x 2 cm. sharply circumscribed necrotic and hemorrhagic mass was in the left temporal lobe. A separate less well defined, necrotic and hemorrhagic mass measuring 3 x 2 x 2 cm. was found in the left occipital lobe. Other than moderate generalized edema, no other abnormality was evident grossly or microscopically.

Stain: Hematoxylin and eosin section of left occipital lobe lesion.

- Points for discussion:
- 1) Differential diagnosis of metastatic bronchogenic carcinoma in astrocytoma and of such a metastatic lesion mimicking an astrocytoma.
  - 2) Relative frequency and varieties of such tumors.