

**CODE:** TX200 M9403/1

**ID NOS:** HB133712 A11443

**DIAGNOSIS:** BRAIN – DIFFUSE ASTROCYTOMA (GRADE II)

**CLINICAL HISTORY:** F/73. The patient was admitted to hospital after developing mental confusion and ‘funny turns’, consisting of paraesthesia of the legs and a generalised burning sensation. A carotid angiogram showed a lesion deep in the right frontal lobe. Finally, after a ‘grand mal’ seizure, she lost consciousness and died.

**MACROSCOPIC:** Deep in the right temporal lobe, the sagittal sectioning of the cerebrum shows a rather haemorrhagic rounded mass, on the lateral aspect of which is a grey gelatinous area. The lesion presses across the midline to distort the ventricular system.

**MICROSCOPIC:** The left image shows the more vascular component of the tumour in the upper half, merging into the adjacent brain tissue in the lower half. The right image shows the tumour is has areas of elongated spindle cells recognisable as precursors of astrocytes, as well as scattered plump eosinophilic gemistocytes. The features are consistent with a diffuse astrocytoma.

