

**CODE:** TX206 M2132

**ID NOS:** H313305 A16878

**DIAGNOSIS:** CEREBRAL POLYMICROGYRIA

**CLINICAL HISTORY:** M/72. Incidental finding at autopsy. No neurological signs or symptoms.

**MACROSCOPIC:** The specimen consists of two adjacent coronal sections from the cerebral hemispheres. In one section the cortex is stained with a blue dye. The gyral pattern on the right lateral aspect is abnormal with closely set small convolutions separated by shallow grooves. (The brain weighed 1420 grams and showed this abnormal gyral pattern in the right frontal and parietal lobes).

**MICROSCOPIC:** The affected cortex shows disordered lamination.

**COMMENT:** Polymicrogyria has multiple causes. It may be caused by intrauterine ischaemia, twinning, and intrauterine infections. It may also occur in rare familial and metabolic disorders. It may cause varying neurological disability, may be associated with mental retardation, or may be asymptomatic if focal.

