NEUROLOGICAL PICTURE

Cerebral amyloid angiopathy

Brain of a 66 year old woman with a four year history of progressive dementia with episodes of encephalopathy.

Opposite: Multiple small, cystic, and occasionally confluent cortical scars (arrows) were restricted to the cerebrum and were due to cerebral amyloid angiopathy.

Histological examination of the cortex in the postmortem brain showed numerous neuritic plaques and neurofibrillary tangles (Alzheimer's disease), cystic infarcts, and old small haemorrhages.

Below: Amyloid in the cortical blood vessels; *left:* Congo red stain (magnification $\times 250$); *right:* Identical section viewed under polarised light (magnification $\times 250$).

D A CROOKS

Department of Neuropathology,
The Walton Centre for Neurology and Neurosurgery,
Rice Lane, Liverpool, L9 1AE, UK