



SAMPLE INTRAOPERATIVE CASES

(Time available 45 minutes, including report writing)

This part of the examination is to test your ability either to arrive at an intra-operative diagnosis or an appropriate differential diagnosis for intra-operative guidance to the surgeon.

There are six cases with accompanying brief clinical details. Cases 1 to 3 are smear preparations (H & E /Toluidine blue), cases 4 to 6 are frozen sections.

In your answer book, please write a microscopical report for each case in the style you would use in an intra-operative diagnostic service setting.

Case Number	Gender /Age	Clinical History
1	Female 69 years	Parietal lobe biopsy. Progressive right side weakness. MRI multiple lesions.
2	Male 39 years	Temporal lobe biopsy. Mass in left temporal region ?intrinsic?extrinsic
3	Male 30 years	Biopsy of cervical spine. African immigrant. Destruction and expansion of C3 to C5 vertebral bodies with spinal cord compression.
4	Female 87 years	Biopsy of cervical spine. Vertebral tumour, replacing body of C5.
5	Male 48 years	Posterior fossa biopsy. Headaches, posterior fossa mass.
6	Female 74 years	Pituitary biopsy. Incidental, partly cystic pituitary mass, noted on imaging with evidence of recent growth. ?metastasis ?adenoma