

I. Introduction

II. Supratentorial intrinsic neoplasm

a. Low grade gliomas

- i. Right frontal pole low grade glioma
- ii. Right peri-Rolandic low grade glioma
- iii. Left peri-Rolandic high grade glioma
- iv. Left Broca's area low grade glioma
- v. Left Wernicke's area low grade glioma
- vi. Right insular low grade glioma
- vii. Left insular low grade glioma
- viii. Occipital lobe low grade glioma
- ix. Gliomatosis cerebri

b. High grade gliomas

- i. Right frontal pole high grade glioma
- ii. Right peri-Rolandic high grade glioma
- iii. Left peri-Rolandic high grade glioma
- iv. Left Broca's area high grade glioma
- v. Left Wernicke's area high grade glioma
- vi. Right insular high grade glioma
- vii. Left insular high grade glioma
- viii. Occipital lobe high grade glioma
- ix. Left thalamic high grade glioma
- x. Left basal ganglia high grade glioma
- xi. Recurrent high grade glioma

c. Metastatic tumors

- i. Peri-Rolandic metastasis
- ii. 2 metastases
- iii. 3 metastases
- iv. Basal ganglia metastasis
- v. Multiple metastases but one is symptomatic
- vi. Intraventricular metastasis
- vii. Sellar metastasis

d. Other lesions

- i. Peri-Rolandic abscess
- ii. Temporal arachnoid cyst
- iii. Sphenoid encephalocele

e. Infratentorial intrinsic neoplasm

- i. Cerebellar metastasis
- ii. Cerebellar hemangioblastoma
- iii. Middle cerebellar peduncle cavernoma
- iv. Vermian metastasis
- v. Medullary non exophytic glioma
- vi. Medullary exophytic glioma

f. Intraventricular lesions

- i. Colloid cyst
- ii. Intraventricular meningioma
- iii. Central neurocytoma
- iv. Craniopharyngioma with extension into the 3rd ventricle
- v. 4th ventricular ependymoma
- vi. Choroid plexus papilloma
- vii. Medulloblastoma

g. Anterior fossa skull base lesions

- i. Olfactory groove meningioma
- ii. Esthesioneuroblastoma
- iii. Parasagittal meningioma
- iv. Parafalcine meningioma
- v. Pituitary adenoma
- vi. Skull base meta