

### **Microscopic**

Sections demonstrate a moderately cellular proliferation of neoplastic astrocytes, primarily with gemistocytic features. Pleomorphism is prominent in areas. Focal areas of neoplastic oligodendrocytes are also present. There is no evidence of microvascular proliferation. Mitotic figures are not seen. However, several large foci of necrosis without pseudopalisading are present.

### **Addendum**

MIB-1 stain demonstrates scattered reactive cells. It also identifies a rare mitotic figure. The MIB-1 labeling index of 2.2% is indicative of a modestly proliferative tumor.

### **Diagnosis**

**Oligoastrocytoma, astrocytoma predominant, grade II**