

**TB / 2021/000053 REPORT WITH ANNEX MOUSA BANAT,
MOHAMMED HASAN (42 years old)**

Patient: MOUSA BANAT, MOHAMMED HASAN
Doctor: OLIVER ABADAL, BARTOLOME
Team: OLIVER ABADAL, BARTOLOME
Center: CENTER MDIC TEKNON (H)
Entity: OTEKNON-INTERNATIONAL (HOSPITALIZED)

Age: 42
Service: NEUROSURGERY
N. History: 20047428
Reception: 01/05/2021
Extraction: 01/04/2021

ANATOMOPATHOLOGICAL EXAM

SUBMITTED MATERIAL

BRAIN (BIOPSY)

MACROSCOPIC DESCRIPTION

Several fragments measuring 85 x 75 x 18mm, of brain parenchyma with transparent meninges and fine vascular tract. The section identifies white matter and gray matter without Notable macroscopic alterations.

Inclusion	IP
Nº Blocks	10
Staining	10 HEMATOXYLIN-EOSIN

MICROSCOPIC DESCRIPTION

Sections show a neoplastic glial proliferation composed exclusively of cells with cytoplasm clear, and round central nucleus with slight hyperchromasia. Cells are arranged in delimited groups partially by a multitude of capillaries. Multifocal microcalcification is also observed. It is also observe fragments of cerebral cortex focally infiltrated by tumor cells creating images of satellitosis.

ANATOMOPATHOLOGICAL DIAGNOSIS

TO BRAIN TUMOR, EXERESIS: **OLIGODENDROGLIOMA GRADE II** (TX2000 - M94900)

COMMENTARY

There are no images that suggest an astrocytic lesion, so it could be considered that, from the morphological point of view, we are facing a pure oligodendroglioma. We will carry out special studies in order to confirm and complement the study. We will send additional report.

ANNEXED

IMMUNOHISTOCHEMICAL STUDY:

- Immunoreactivity for ATRX: POSITIVE, in 30% of tumor cells.
- Immunoreactivity for GLIAL PROTEIN: NEGATIVE.
- Immunoreactivity for OLIG2: NEGATIVE.
- Immunoreactivity for P53: NEGATIVE.
- Immunoreactivity for KI67: POSITIVE, in approx. 2% of tumor cells.

OUTCOME

The study confirms that it is a low-grade tumor (low proliferative index). The rest of study is compatible with the established diagnosis.

Dr. FRANCESC ALAMEDA QUITLLET

Thursday, January 14, 2021