

## **IASOglio® case report from Kepler University Hospital Linz, Neuromed Campus, Austria**

In October 2019, a 56 year old male patient developed neurological symptoms.

The MRI showed a 4.5 cm right temporal lesion with central necrosis (Fig. 1).

The <sup>18</sup>F-FET (IASOglio®) PET confirmed a signet ring shaped uptake (Fig. 2).

After the IASOglio® PET, the brain tumour was completely surgically removed and histologically confirmed to be a glioblastoma.

In the next weeks, a concomitant radio-chemotherapy was realised.

In August 2020, the IASOglio® PET did not present tumour remnants (Fig.3).

In November 2020, an amino-acid metabolic active tumour relapse occurred (Fig. 4).

The patient was scheduled for re-operation.

*This case report was kindly provided by **Priv.-Doz. DDr. Robert Pichler** from the Kepler University Hospital Linz (Neuromed Campus), Austria.*

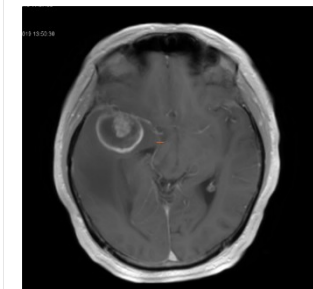


Fig. 1. MRI: 4.5 cm right temporal lesion with central necrosis

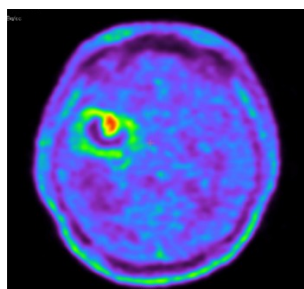


Fig. 2. IASOglio® PET: a signet ring shaped uptake (SUVmax 3.9) in the right temporal region

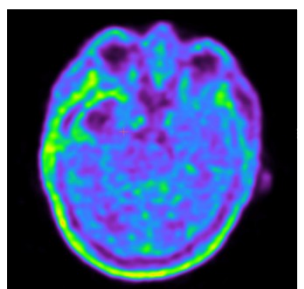


Fig. 3. IASOglio® PET: no pathological IASOglio® uptake in the brain

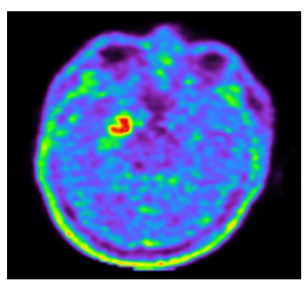


Fig. 4. IASOglio® PET: focal uptake (SUVmax 3.5) in the right temporal region