

SEER Inquiry System - Report
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Question 20220006

References:

WHO Class CNS Tumors. 5th edition

Question:

Histology/Brain and CNS: How is histology coded for a 2021 diagnosis of "neuroepithelial tumor with PATZ1-EWSR1 fusion, not elsewhere classified" found during a right thalamic mass resection? See Discussion.

Discussion:

Patient has a remote history of a right thalamic mass status-post two resections; reported as malignant oligodendroglioma (pathology not received) and chemo/radiation therapy, who recently presented with persistent headaches. Imaging revealed a 3.4 cm heterogeneous lobulated right thalamic mass with coarse calcifications and a probable cystic component.

Pathologist indicates the histologic and immunophenotypic features of this neoplasm are that of relatively circumscribed neuroepithelial tumor without high grade features (mitotic activity, microvascular proliferation, necrosis). Molecularly this neoplasm is characterized by a PATZ1-EWSR1 fusion, which has recently been proposed to be a distinct neuroepithelial tumor entity with a broad histological spectrum.

Answer:

Assign 8000/1. Neuroepithelial tumor with PATZ1-EWSR1 fusion, not elsewhere classified, is not recognized as a distinct entity at this time. It is not listed in ICD-O-3.2 or in the 5th edition of the WHO CNS classification.

Cancer Site Category:

Brain and CNS

Data Item Category:

Histology

Other Category:

N/A

Year:

2022