

CONCLUSION:

This case highlights a very rare brain tumor in a young boy. Pineal parenchymal tumors of intermediate differentiation are extremely rare tumor entities, and only limited data are available regarding their pathologic features and biologic behaviors. Because grading criteria of pineal parenchymal tumors (PPTs) have yet to be established, the treatment strategy and prognosis of this entity still remain controversial. However, some series reported good radiosensitivity of these neoplasms. Discrepancies between images and pathologic findings is usually the issue in rendering a proper diagnosis and to determine a proper treatment strategy. World Health Organization recommends a proper histopathologic grading based on the proliferative index as immunoreactivity of neuronal markers did not correlate with the histologic grade and biologic behavior of this tumor.

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