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# Extracranial metastasis from a frontal embryonal tumor to the parotid: Cytomorphologic features of a rare occurrence

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## Abstract

Embryonal tumors of the central nervous system (CNS) are rare and aggressive malignancies accounting for less than 1% of all central nervous system tumors. The occurrence of metastasis to extracranial sites, especially the parotid region, is highly uncommon. We present a rare case of metastatic frontal embryonal tumor (ET) in the parotid region. A 9-year-old boy presented with a progressively enlarging left parotid mass. Past history revealed that he was a known case of a frontal lobe embryonal tumor. Fine-needle aspiration cytology (FNAC) combined with immunocytochemistry from the parotid revealed a metastatic embryonal tumor. This case report highlights the importance of considering metastatic tumors in evaluating parotid masses, even in pediatric patients, and emphasizes the diagnostic potential of FNAC in diagnosing such rare and unusual tumors for prompt and appropriate patient management.

**Keywords:** CNS tumors; cytology; embryonal tumor; fine-needle aspiration cytology; frontal tumor; immunocytochemistry.

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