Unusual Tumors of the Jaw in Children
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OBJECTIVE

To describe three cases of rare pediatric jaw tumors over 15 years. Cases include desmoplastic fibroma of the maxilla, an immature teratoma of the maxillary sinus, and infantile fibromatosis of the mandible. Their presentation, imaging, pathology, treatment and outcomes are reviewed.

RESULTS

Three unusual pediatric jaw tumors were identified. An 18-month-old male with a desmoplastic fibroma of the left anterior maxilla underwent surgical excision and is disease-free after 12 months. A 10-year-old male presented with an immature teratoma of the maxillary sinus. A 10-month-old male presented with infantile fibromatosis of the mandible. His tumor recurred four months after four-monthly requiring a hemi-mandibulectomy with reconstruction. He has been disease-free for three years.

CONCLUSION

Jaw tumors in children are relatively uncommon and have a broad differential diagnosis. This study presents three rare cases, including the first reported case in the literature of an immature teratoma of the maxillary sinus. The case series may help guide care for these complex patients given the paucity of literature.

REFERENCES


Photo and coronal CT scan demonstrating infantile fibromatosis of the right mandible. Photograph and coronal CT scan demonstrating infantile fibromatosis of the right mandible.