

안면전위 접근법 및 두개안면 절제술을 통해 제거한 비강신경교세포종 1예

순천향대학교 의과대학 이비인후과학교실
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A Case of Esthesioneuroblastoma of Nasal Cavity Removed by Craniofacial Resection via Facial Translocation Approach

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—ABSTRACT—

Esthesioneuroblastoma, a tumor of neural crest origin arising in the nasal cavity, is uncommon, may be difficult to diagnose, and frequently is not cured. We report a case of esthesioneuroblastoma that occurred high in the vault of the nasal cavity and extended to opposite ethmoid bone, superiorly to the anterior cranial fossa, posteriorly to the anterior wall of sphenoid sinus and base of temporal lobe, laterally to the orbital wall, and inferiorly to the nasal cavity and antrum. We recommend our experience with facial translocation approach and craniofacial resection of esthesioneuroblastoma followed by radiation as a unique treatment modality. (J Clinical Otolaryngol 2003;14:129-132)

KEY WORDS : Craniofacial resection · Esthesioneuroblastoma.

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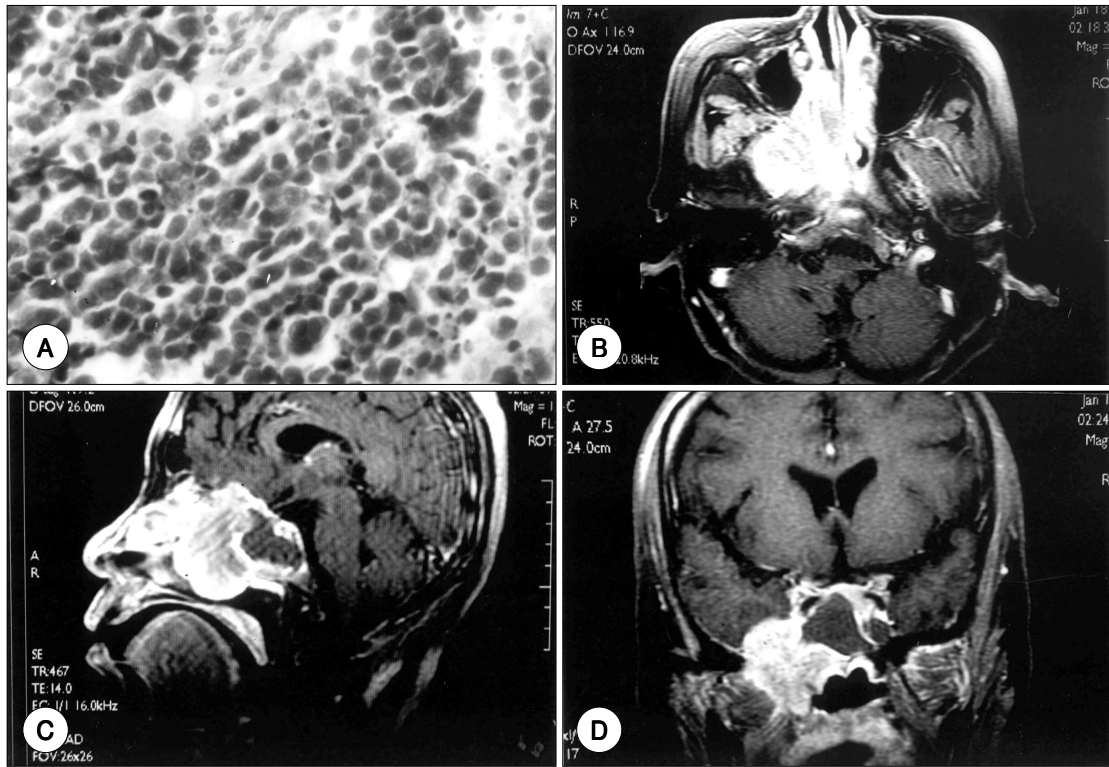


Fig. 1. A : Neuron-specific enolase staining ($\times 400$). Tumor cells were stained with neuron-specific enolase (brown colored). B : Post-contrast T1-weighted MRI axial scan view. Moderate enhanced mass was extended into intracranial area, sphenoid sinus and pterygopalatine fossa. C : Post-contrast T1-weighted MRI sagittal scan view. Moderate enhanced mass was extended into intracranial area and anterior wall of sphenoid sinus was invaded by mass. D : Post-contrast T1-weighted MRI coronal scan view. Right temporal lobe and infratemporal fossa was invaded by enhanced mass.

neuron - specific enolase (Fig. 1A),
 가 , (bico-
 1/3 ronal incision) 가 (Fig. 2A).
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 1) facial translocation

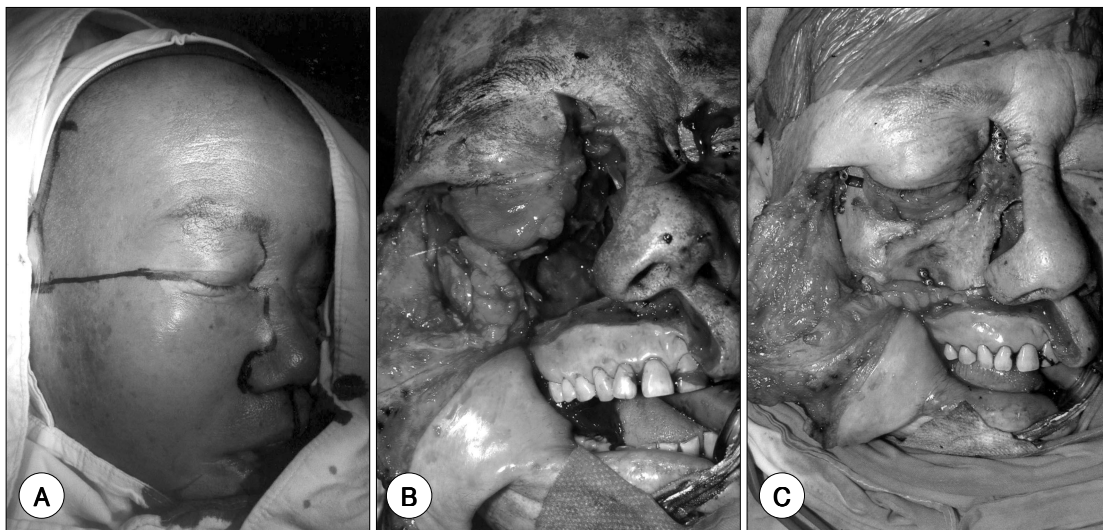


Fig. 2. A : Skin incision was designed. B : After facial flap was elevated and infraorbital nerve was transected, osteotomies were done at nasal bone, frontal process of zygomatic bone, zygomatic arch, and inferior aspect of maxilla. C : After maxilla and zygomatic bone were repositioned, osteotomy site was fixated with miniplate and neurolysis of infraorbital nerve was done.

nium miniplate

(Fig. 2C). 7

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