

중비갑개에 발생한 골수외 형질세포종 1예

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A Case of Extramedullary Plasmacytoma from the Middle Turbinate

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-ABSTRACT-

Extramedullary plasmacytoma is a rare soft tissue malignancy composed of plasma cells. This tumor may be primary or secondary to the generalized multiple myeloma. Extramedullary plasmacytomas (EMPs) represent up to 4% of nonepithelial lesions of the upper respiratory tract. On initial presentations, they must be differentiated from multiple myeloma. If histologic diagnosis of plasmacytoma is confirmed, all screening tests to rule out multiple myeloma is necessary before initial treatment and during follow-up period. At first, EMPs are frequently seen as masses or swelling, accompanied by nasal or pharyngeal symptoms. The most frequently involved sites are the nasal cavity, paranasal sinus, and nasopharynx, in the decreasing order. EMPs are of special interest to otolaryngologists, because the majority of these unusual tumors are present in soft tissues of the head and neck. We report, with a review of literature, a case of extramedullary plasmacytoma from the middle turbinate in a 61 year-old male patient. (J Clinical Otolaryngol 2004;15:270-273)

KEY WORDS : Extramedullary plasmacytoma · Middle turbinate.

서론

가

1)

Willis¹⁰⁾¹³⁾가

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증례

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(Fig. 1)

(Fig. 3). X-

(1.5×2×4.5 cm : Fig. 4)

chromatin Cartwheel 4)

(Fig. 2).

고찰

가 Willis

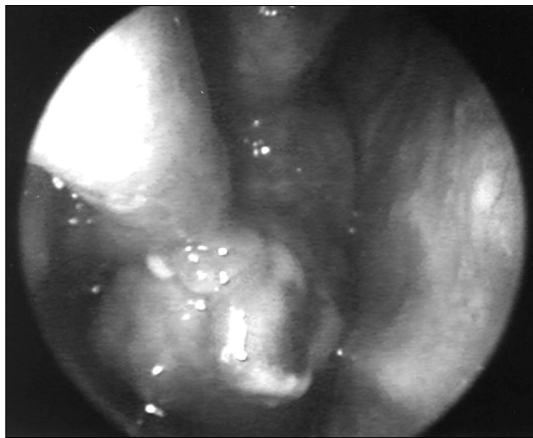


Fig. 1. Nasal endoscopic view shows a smooth soft tissue mass in the right nasal cavity.

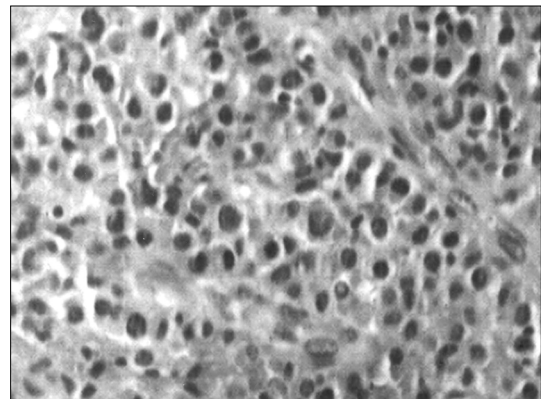


Fig. 3. Histopathologic findings. Mature plasma cells have eccentric nuclei and abundant deep basophilic cytoplasm with a perinuclear halo (H-E stain, ×400).

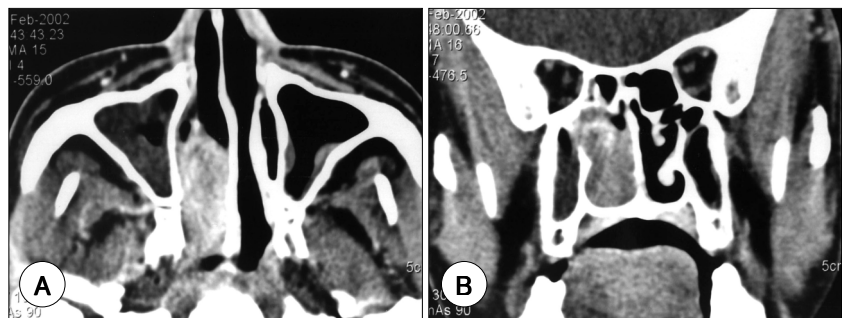


Fig. 2. PNS CT scan showing well defined mass in the right nasal cavity. A : Axial view. B : Coronal view.



Fig. 4. Postsurgical specimen. About 1.5 × 2 × 4.5 cm sized homogenous pinkish ovoid soft tissue.

- 1) , Holland ¹⁶⁾
 , 2)
 가 10% , 3)
- 1) 가 . Batsakis¹⁰⁾
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 X -
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- 1 , 가 2 , 가
 3 ¹⁰⁾¹⁵⁾ ,
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 Meis ¹⁸⁾
- 가
 3%,
 1% ¹²⁾
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 . Otolaryngologic Tumor Registry 40 가 . Booth ¹⁾ 10
 75% 9 2 (22%)가
 12% , 18% , Corwin ⁵⁾
⁴⁾⁵⁾⁸⁾ 17%, Holland ¹⁶⁾ 36%, Meis ⁵⁾¹⁸⁾ 23%가
 6)12)
 Dolin ¹⁹⁾ 4 : 1
 Wiltshaw ¹⁴⁾ 50 70 가 70%, , Meis ⁵⁾¹⁸⁾ 23 , Holland ¹⁶⁾
 Ewing ¹⁵⁾ 27 50 가 26 13
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가
4,000~5,000 rads가
Wiltshaw¹⁴⁾
20%, 21%
Holland
16)
10
50%, Gorenstein¹⁷⁾ 5
66%
6~12
2~3
50%,
15%
5
18%
14)17)
1)5)

중심 단어 :

REFERENCES

- 1) Oh KK, Park CG, Lee SH, Park BJ. Two cases of Extramedullary Plasmacytoma Converted to Multiple Myeloma. *Korean J Otolaryngol* 1996;39:543-8.
- 2) Kim JH, Park CH, Min BU, Chu HR. A case of Extramedullary Plasmacytoma of the Larynx. *Korean J Otolaryngol* 2002;45:526-8.
- 3) Jang IW, Park JS, Kim HB, Lee BY. A case of Extramedullary Plasmacytoma of the Adenoid and Palatine Tonsil. *Korean J Otolaryngol* 2001;44:1123-6.
- 4) Wax MK, Yun KJ, Omar RA. Extramedullary plasmacytomas of the head and neck. *Otolaryngol Head Neck Surg* 1993;109:877-85.
- 5) Holtz MA, Schwaab G. Extramedullary solitary plasmacytoma of the head and neck. A clinicopathological study. *Ann Otol Rhinol Laryngol* 1999;108:495-500.
- 6) Shrief JA, Goumas PD. Extramedullary plasmacytoma of the nasal cavity. *Otolaryngol Head Neck Surg* 2001;124:119-20.
- 7) Castro EB, Lewis JS, Strong EW. Plasmacytoma of paranasal sinus and nasal cavity. *Arch Otolaryngol* 1973;97:326-9.
- 8) Kapadia SB, Desai U, Cheng VS. Extramedullary plasmacytoma of the head and neck. A clinicopathologic study of 20 cases. *Medicine (Baltimore)* 1982;61:317-29.
- 9) Woodruff RK, Whittle JM, Malpas JS. Solitary plasmacytoma. I: Extramedullary soft tissue plasmacytoma. *Cancer* 1979;43:2340-3.
- 10) Batsakis JG. Plasma cell tumors of the head and neck. *Ann Otol Rhinol Laryngol* 1983;92:311-3.
- 11) Yao FS, Perzin H. Nonepithelial tumors of the nasal cavity, paranasal sinuses and nasopharynx. A clinicopathological study. IX. Plasmacytomas. *Cancer* 1978;42:2399-406.
- 12) Susnerwala SS, Shanks JH, Banerjee SS, Scarffe JH, Farrington WT, Slevin NJ. Extramedullary plasmacytoma of the head and neck region: clinicopathological correlation in 25 cases. *Br J Cancer* 1997;75:921-7.
- 13) Willis RA. *Principles of Pathology*. ed 2. London, Butterworth:1961, p.554-8.
- 14) Wiltshaw E. the natural history of Extramedullary Plasmacytoma and its relation to solitary myeloma of bone and tosis. *Medicine* 1976;55:217-38.
- 15) Ewing MR, Foote FW. Plasma cell tumors of the mouth and upper air passage. *Cancer* 5:1952.
- 16) Holland J, Trenker DA, Wasserman TH, Babara F. Plasma-cytoma: Treatment results and conversion to myeloma. *Cancer* 1992;69 (6):1513-17.
- 17) Gorenstein A, Neel HB, Devine KD. Solitary Extramedullary Plasmacytoma of the larynx. *Arch Otolaryngol* 1977;103:150-61.
- 18) Meis JM, Butler JJ, Osborne BM, et al. Solitary Plasmacytoma of bone and Extramedullary Plasmacytoma: A clinicopathologic and immunohistochemical study. *Cancer* 1987;59:1475-85.
- 19) Dolin S, Dewar JP. Extramedullary plasmacytoma. *Am J Pathol* 1956;32:83-103.