

신경근에서 발생한 흉추부 경막외 수막종 1례

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Extradural Thoracic Spinal Meningioma Arising from a Nerve Root - Case Report -

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Extradural meningiomas are relatively rare and those arising from spinal root are even rarer. Recently, a case of extradural meningioma arising from a spinal nerve root was surgically treated in our institution. This patient was a 19-year-old female presented with paraparesis and paresthesia. The mass was compressing the spinal cord at the level of fourth thoracic spine, and it was extended to the nerve root. At operation it was found to be originated from the fourth thoracic spinal nerve root. After removal of the tumor, the neurologic symptom and sign were recovered completely. Histologic examination of tumor revealed as transitional type of meningioma.

KEY WORDS : Spinal tumor · Extradural meningioma · Nerve root.

서론

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4

Sagittal image

가 3cm

Axial image

2.5%~

7.2%

3)5)7)8)10)

4

1

T1 T2 가

(Fig. 1, 2).

증례

3

4

5

19

4

4~5

Grade T4 가 4

(Fig. 3).

Psamo-

고 찰

mma body가

40



Fig. 1. Preoperative thoracic spinal MRI. A : T2 weighted sagittal image showing iso-signal extradural tumor mass compressing the spinal cord at T4 level. B : Gd-enhanced T1-weighted sagittal image showing homogeneously enhanced extradural tumor mass and compressed spinal cord.



Fig. 2. Gd-enhanced T1-weighted axial image showing the tumor mass in right extradural space extending into T4/5 foramen.

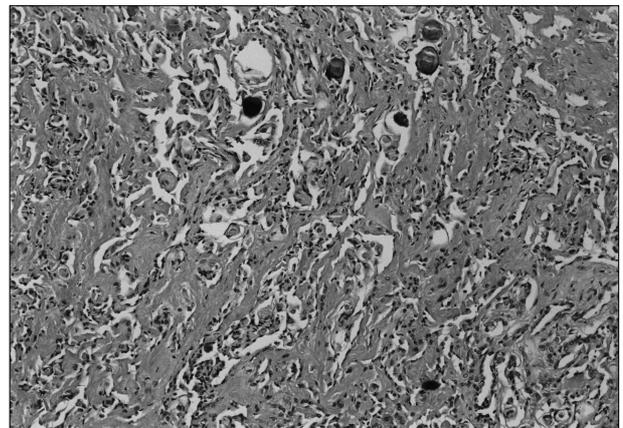


Fig. 3. Photomicrograph of the tumor specimen showing meningeal cells which were characterized by rich eosinophilic cytoplasm and round ovoid nuclei with fine chromatin, and many psammomma bodies. Mitotic changes are not visible in meningeal cells(H&E × 200).

1

6)8)

2.5~ 7.2%

3)5)6)8)

una 62 6.4% 3), Levy 8)

97 7.2%

40%

MRI T1 T2

Rasmussen 140

130 (93%) 10 (7%) (caverv-

10), King 78 nous hemangioma)

2 (2.5%)

6), Haft Shenkin 367 가

92% 3.5%

3.5%

5)

결론

4

7),

2),

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19

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1), 가

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T1 T2 가

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