



가 0.14 - 1
1.2% 가 , , .
tomy) ,
(1). , 90%
(1-3). , 3:2
(CT) 1 가 (Fig. 4).
(3). (MR)
T1
70
(1, 2, 4-6). 57 1
MR
MR
Howard Helwig (2, 4, 7).
1890 Berenbruch 1960
0.14 - 1.2%
90%
(1-3, 8, 9).
1.4 가 ,
40 - 50 (1, 2, 9).
57 가
가 (dorsiflexion) grade 4/5
가
MR T11 - T12 T1
(Fig. 1), T2
(Fig. 2), T1
가
(thecal sac) (Fig.
3A, B). T10 - T12 (total laminectomy)
Ehni primitive pluripotential mesenchymal cell

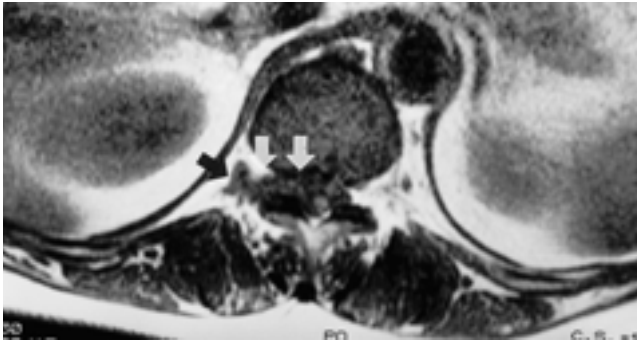
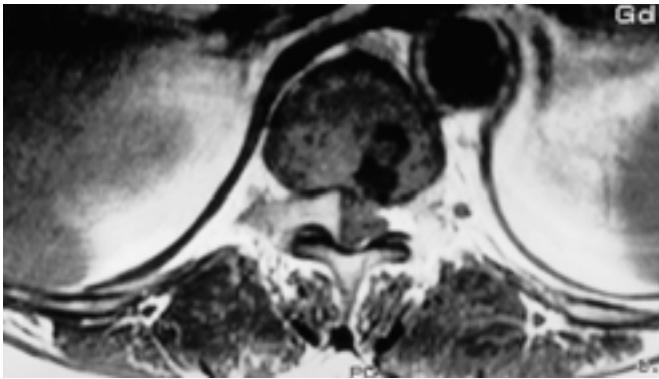


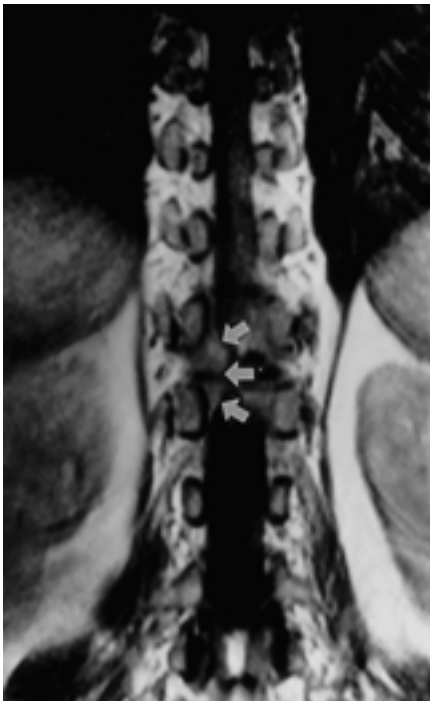
Fig. 1. T1-weighted axial image shows a heterogeneous hypointense mass (black and white arrows) with the lobulated contour, involving the right epidural space and the neural foramen in the level of T11-T12 vertebrae.



Fig. 2. T2-weighted axial image shows hyperintense signal intensity of the right epidural mass. Thecal sac is displaced to left side and compressed by this mass.



A
Fig. 3. Gd-DTPA enhanced T1-weighted axial (A) and coronal (B) images show relatively inhomogeneous enhancement of the right epidural mass(white arrows).



B

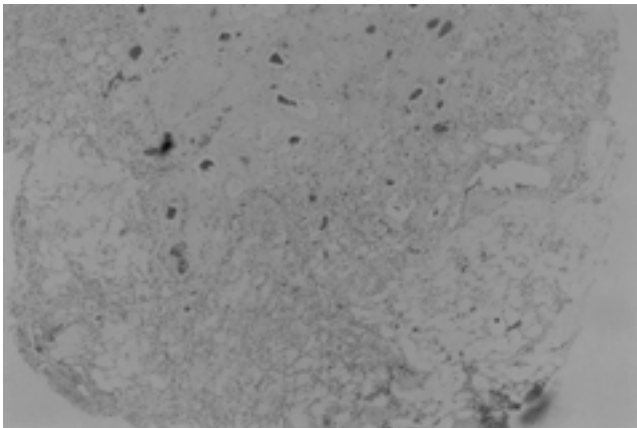


Fig. 4. The histopathological finding reveals that the tumor is composed of variable sized and shaped vessels and mature lipocytes without atypism(H & E, × 40).

Willis (hamartoma)
가 Bardosi
(ultrastructural study)
(perivascular granules)
가 (adipocytes)
가 (2).
(7, 10), CT CT (3, 5, 7, 9)
, MR (1, 2, 4-6)
T1
MR

T1
4 - 6).
가
가
(mitoses)
7, 9).
가
가
(glomus jugulare tumors)
T1
T2
가
(1, 6).
Anson (9) Griebel (10)
(3).

가가 (1, 2,
T1
T1
MR
T1
MR
(4, 5,
가
가
(6,
7, 9).
가
가
(glomus jugulare tumors)
T1
T2
가
(1, 6).
Anson (9) Griebel (10)
(3).

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MR Findings of Spinal Angiolipoma: A Case Report¹

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Angiolipomas are usually found in the soft tissues of the extremity, trunk, or neck. Spinal angiolipomas are rare, accounting for between 0.14% and 1.2% of spinal axis tumors, and the majority are extradural.

We report a case of surgically proven extradural spinal angiolipoma with a high vascular content and involving the thoracic level.

Index words : Spine, MR
Spine, neoplasms

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