

척수강내에 발생한 선천성 표피양 낭종

- 증례 보고 -

김용배 · 허 룡 · 김동석 · 윤도흠 · 최중언

= Abstract =

Congenital Intraspinal Epidermoid Cyst

- Case Report -

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The epidermoid cyst is formed as the result of inclusion of epithelial elements at the time of closure of the neural tube. The incidence of this tumor is less than 3% of all spinal canal tumors in children.

The authors have experienced a 6-year old child with intraspinal epidermoid cyst which presented with symptom of back and abdominal pain. The magnetic resonance imaging study showed intraspinal mass lesion from level of T12 to S1. The patient had no history of previous lumbar puncture. We have removed totally the pearly-like intradural mass with laminoplastic laminotomy from T12 to L5. The pathological findings were compatible with epidermoid cyst. The postoperative course was uneventful without any neurologic deficit.

Characteristics of this lesion with a pertinent literature is reviewed.

KEY WORDS : Epidermoid cyst · Spinal tumor · Congenital tumor.

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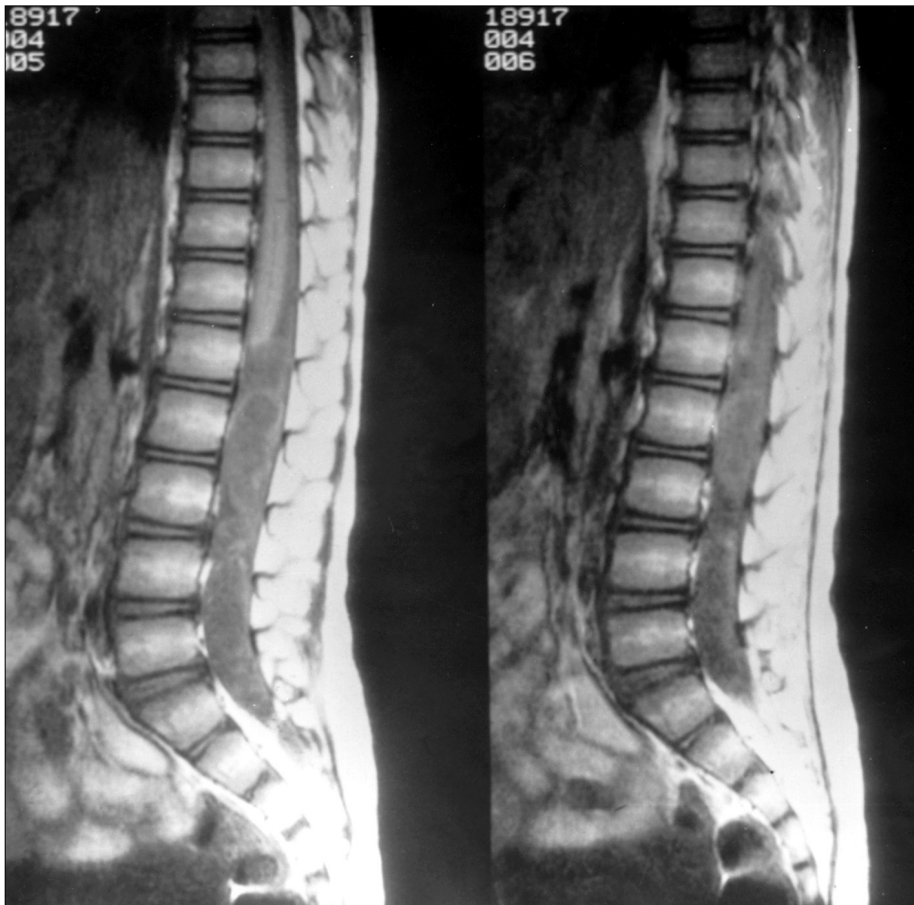


Fig. 1. Sagittal T1-weighted MR image shows intraspinal mass lesion extending from T12 to S1. The conus medullaris seems to be attached to the mass. The signal of the mass is quite inhomogenous.

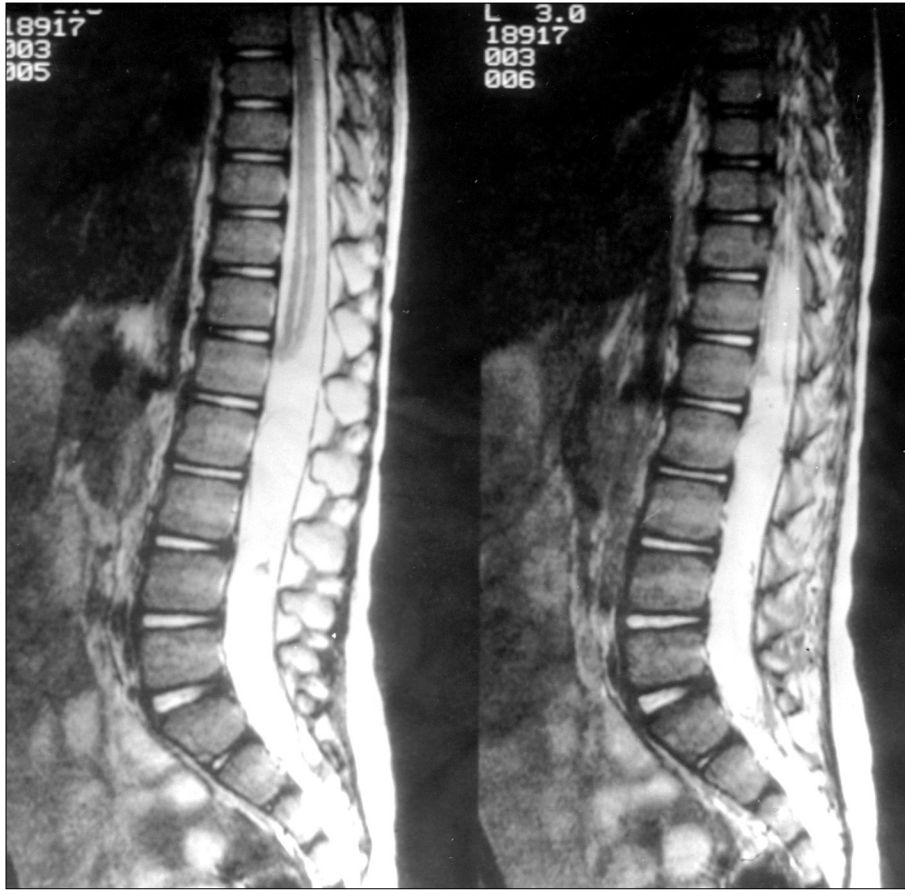


Fig. 2. Sagittal T2-weighted MR image shows high signal intensity with terminal syringomyelia.

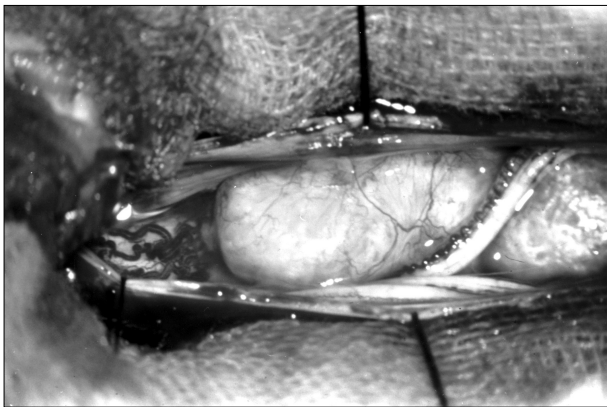


Fig. 3. Intraoperative photograph showing pearly white glistening intraspinal mass.

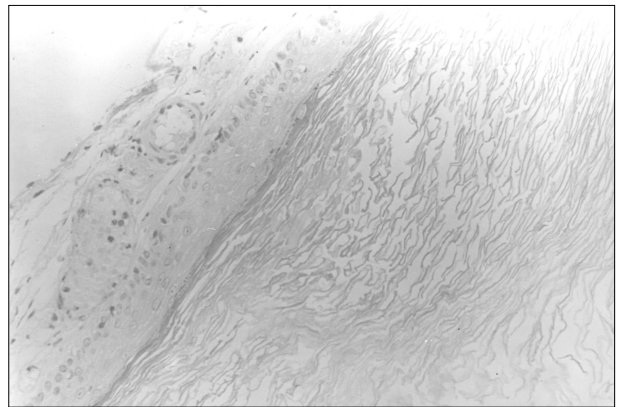


Fig. 4. Photomicrography of the tumor specimen displaying the cyst wall composed of stratified squamous epithelium and desquamated keratin materials. H & E, x100.

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