

언어구분 ENG

논문구분 원저/구연

논문분야 척추

논문제목 전방 경추 골극이 역동적 금속판의 역동 효과에 미치는 영향

영문제목 **Influence of anterior cervical osteophyte on the dynamization of cervical dynamic plate**

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**증례 (or 수술술기) :** Anterior cervical discectomy and fusion (ACDF) is well known treatment in cervical radiculopathy and myelopathy patients. Dynamic cervical plates avoid stress shielding and allow full load sharing maintaining axial load on the graft, which provides a faster fusion of the cervical spine compared with rigid plate designs. The osteophyte that is located at the anterior cortex of caudal vertebral body in the operated segment may interfere with dynamization of dynamic plate but there has been no research about that. The purpose is to evaluate the radiological changes of patients who treated with ACDF using dynamic rotational plates in regard of presence of osteophyte located at caudal vertebral body of operated segment.

**acknowledgment :**

Anterior cervical discectomy and fusion, dynamic plate, osteophyte

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