

언어구분 ENG                      논문구분 원저/구연                      논문분야 척추  
논문제목 경추 척추경 나사 고정의 안전한 사용법: 컴퓨터 단층촬영 재구성 영상을 통한 해부학적 고찰  
영문제목 **For the safe Cervical Pedicle Screw fixation: An Anatomical Analysis with Reconstructed Computed Tomography Image.**  
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증례 (**or** 수술술기) : The pedicle screw (CPS) fixation is stable construct and so it makes a single posterior approach sufficient for most of lesions. However, in cervical vertebra, the CPS fixation is hazardous because of adjacent neurovascular structures. To perform cervical pedicle screw (CPS) fixation safely, anatomical analysis of cervical pedicles is necessary. Many studies were conducted about cervical pedicle anatomy and CPS fixation but still there are debates about feasibility and surgical method. This study was conducted to estimate feasibility of the CPS fixation and to understand the safe surgical method by analyzing the anatomy of cervical vertebrae (C3-6) using reconstructed computed tomography (CT) image and by reviewing previous articles.

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cervical pedicles, pedicle screw fixation, entry point, insertion angle, screw length, feasibility

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