

언어구분	ENG	논문구분	원저/구연	논문분야	척추
논문제목	전산화 단층촬영에서 경추 전방 유합에 대한 평가시 \"Extra-graft Bridging Bone\"의 유용성				
영문제목	Anterior Cervical Fusion Assessment Using “Extra-graft Bridging Bone” On Reconstruction CT-scans				
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증례 (**or** 수술술기) : Computed Tomography (CT) scan is one of the most reliable radiographic tools to evaluate spinal fusion status. However, CT based criteria to determine fusion status have still not been validated or standardized among physicians. Most studies mention “bone bridges” to assess fusion, but there have been no detailed or validated descriptions of “bone bridges” and it is known that CT is not 100% accurate. The purpose of this study is to evaluate the usefulness of a novel CT based “Extra-Graft Bridging Bone (ExGBB)” and “Intra-Graft Bridging Bone (InGBB)” to determine cervical anterior fusion status and to investigate the differences in intervertebral fusion patterns based on the type of graft used (autograft, allograft, and cages).

acknowledgment :

cervical spine, fusion, pseudoarthrosis, computed tomography
