

언어구분 ENG                      논문구분 원저/구연                      논문분야 척추  
논문제목 수술 후 통증 관리에서 수술 전 경막 외 로피바케인 주사의 유용성:무작위배정 이중맹검 연구  
영문제목 **Early Postoperative Analgesic Effects of Single Epidural Ropivacaine Injection before Surgery in Posterior Lumbar Spinal Fusion: A Randomized Controlled Trial**  
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증례 (**or** 수술술기) : Despite the suitable characteristics of ropivacaine as an epidural analgesic agent, such as better preservation of motor function and less neurotoxicity, there are no data of its clinical application in pain management of lumbar spine surgery. The purpose of this study was to evaluate the preemptive analgesic effects and safety of a single epidural ropivacaine injection during lumbar fusion surgery

**acknowledgment :**

preemptive anesthesia, epidural injection, ropivacaine, postoperative pain

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