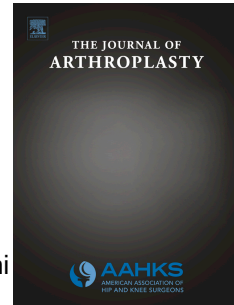


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Posterior cruciate ligament retention or substitution during total knee arthroplasty does not affect long-term bone mineral density or quality

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## **Posterior cruciate ligament retention or substitution during total knee arthroplasty does not affect long-term bone mineral density or quality**

### **Running title: Effect of PCL on bone quality after TKA**

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