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**The effect of intra-articular hyaluronan (500-730 KDa) injection  
in a Bull dog with hip osteoarthritis**

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**Abstract** A seven-years-old male bull dog was diagnosed osteoarthritis of both hips. Previous treatments were prescribed including nonsteroidal anti-inflammation drug per oral for 1 month and chondroprotective drug per oral for 5 months. However, the clinical sign and lameness score were not improved. The dog was injected with 1 cc of hyaluronan (500-730 KDa) every 2 weeks for 4 times. The lameness score was improved since 4 weeks after injection .The dog showed normal gait at 8 weeks after injection. Radiographic score was not different between pre-injection and 8 weeks after injection. After injection 15 weeks, lameness score and radiographic score was not different.

**Keywords:** hyaluronan, hip osteoarthritis, dog