

## Clinical Application of British Veterinary Association/Kennel Club(BVA/KC) Score and International Elbow Working Group(IEWG) Protocol for the Evaluation of Hip and Elbow Dysplasia in a Chow Chow Dog

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An one year and two month old, 19.7kg, female, Chow Chow was referred to Veterinary Medical Center, Chungbuk National University with the clinical signs of anorexia and hindlimb lameness. On physical examination, the patient showed pelvic swaying gait, bunny hopping gait and narrow stanced hindlimb. Also, atrophy of the right thigh muscle and positive result of Ortolani test on both hindlimbs were found. Radiographs of hip and elbow joint showed subluxation of the bilateral coxofemoral joints, remodelling of the femoral head and neck, joint incongruity between the radial head and the ulna trochlear notch, osteophytes, enthesophytes and bone cysts which were consistent with degenerative changes of stifle and hip joints. The BVA/KC(British Veterinary Association/The Kennel Club) score of hip joint was 46, which was higher than BMS (Breed Mean Score) of Chow Chow and elbow dysplasia was considered to be grade 3 according to the standard of IEWG (International Elbow Working Group). Based on physical examination and radiographic study, diagnosis of bilateral hip dysplasia and elbow dysplasia with secondary degenerative joint disease were made. In this case, radiographic study was helpful to confirm the diagnosis and determine the degree of lesions by grading the radiographic changes.

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