

PennHIP Examination in Golden and Labrador Retrievers

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Abstract: Canine hip dysplasia (CHD) is common orthopedic disease in large and giant breeds. It is congenital and genetic disease and shows the progressive course. There have been a number of efforts to screen and filter dogs with CHD from breeding program to reduce the prevalence of this disease in various countries. In Korea, large and giant breed dogs have increased for nearly a decade, therefore, a lot of pet owners have concentrated on and worried about CHD of their dogs. The university of Pennsylvania Hip Improvement Program (PennHIP) is a reliable method for CHD and has been performed from 2001 by Haemaru Referral Animal Hospital in Korea. In this study, the distraction index (DI), calculated by PennHIP analysis center, of Golden and Labrador retrievers in Korea was compared with the DI of PennHIP database. The correlations of DI with clinical signs, degenerative joint disease, gender, environment and body weight were investigated.

Key words: Dog, Hip dysplasia, Pennsylvania Hip Improvement Program, Distraction index, Degenerative joint disease

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