

Reference #: 844146

Practice #: 30311

Radiography Date: 04/13/2004

Date Received: 04/16/2004

Owner

SHERRON HIGHAM-TREJO

PennHIP Member

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DOG														
CHIVO		Reg. #: WS036524/01												
GREAT DANE		Micro Chip:												
Date of Birth: 03/11/2003	Sex: M	Weight: 139 lbs	Age: 13 mo											
		Tattoo:												
RESULTS														
L E F T	Distraction Index (DI)	0.26	DI is less than or equal to 0.30, with no radiographic evidence of DJD.											
	Degenerative Joint Disease (DJD)	None												
	Cavitation	No												
	Other Findings	N/A												
R I G H T	Distraction Index (DI)	0.31	DI is greater than 0.30 with no radiographic evidence of DJD. There is an increasing risk of developing DJD as the DI increases; low risk when DI is close to 0.30, high risk when DI is close to 0.70 or above.											
	Degenerative Joint Disease (DJD)	None												
	Cavitation	No												
	Other Findings	N/A												
<i>Please note that the PennHIP DI is a measure of hip joint laxity, it does not allude to a "passing" or "failing" hip score.</i>														
LAXITY PROFILE RANKING														
<p>The laxity profile ranking is based on the hip with the greater laxity (DI). This interpretation is based on a cross-section of 404 dogs of the GREAT DANE breed. The median DI for this group is 0.39.</p>														
Percentiles														
<div style="display: flex; justify-content: space-between; align-items: center;"> ← Tighter 80th Looser → </div> <table border="1" style="margin: 10px auto; width: 80%; border-collapse: collapse;"> <tr> <td style="text-align: center;">> 90th</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">Median</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">< 10th</td> </tr> </table> <div style="text-align: center; margin-top: 5px;"> ↑ </div>				> 90th					Median					< 10th
> 90th					Median					< 10th				
<p>The chart above indicates the ranking of your dog's passive hip laxity (DI) in relation to the GREAT DANE breed in our database. This result means that 1) your dog's hips are tighter than approximately 80% of this group of dogs (alternatively, 20% of the group has tighter hips than your dog), and 2) your dog's hip laxity is in the tighter half of the laxity profile. Breed-specific evaluations are analyzed semi-annually. Consequently, the average laxity and range of laxity for any given group will change over time.</p>														

PennHIP does not make specific breeding recommendations. Selection of sire and dam for mating is the decision of the breeder.

***As a minimum breeding criterion, we propose that breeding stock be selected from the population of dogs having hip laxity in the tightest half of the breed (to the left of the median mark on the graph). Higher selection pressure equates to more rapid expected genetic change per generation. Please evaluate your dog's hip score accordingly.**

By implementing selection based on passive hip laxity, we expect the breed average DI over the years to move toward tighter hip configuration, meaning lower hip dysplasia susceptibility. The PennHIP database permits scientific adjustment of criteria to reflect these shifts; the average laxity and range of laxity for a particular breed will change over time.

Please contact your PennHIP veterinarian with any questions regarding this report.