



# Hip Evaluation Report

Member Copy

Report Date: 10/23/2006

Reference #: 862094

Radiography Date: 10/18/2006

Practice #:

Date Received: 10/23/2006

Owner:  
TODD CHRISMAN

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## ANIMAL

MARSHFIELD'S AOIDE (DIVA)

Reg. #: SR28807001

CANINE / GERMAN SHORTHAIRED POINTER

Microchip: 07-0-033-796 AVID

Date of Birth: 8/17/2005 Sex: F Weight: 51 lbs. Age: 14 mo.

Tattoo:

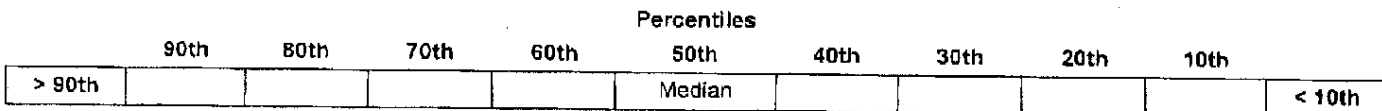
## RESULTS

LEFT	Distraction Index (DI)	0.30	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	Not Applicable		
RIGHT	Distraction Index (DI)	N/A	Cavitation is harmless to the hip, however it potentially increases the measurement of the DI. Therefore, no laxity score is provided, nor will this hip be used in the laxity profile ranking below.
	Degenerative Joint Disease (DJD)	None	
	Cavitation	Yes	
	Other Findings	Not Applicable	

Please note that the PennHIP DI is a measure of hip joint laxity, it does not allude to a "passing" or "failing" hip score.

## LAXITY PROFILE RANKING

One hip can not be used for the laxity profile ranking (see above), therefore, the opposite hip will be used in the analysis. This interpretation is based on a cross-section of 455 CANINE animals of the GERMAN SHORTHAIRED POINTER breed. The median DI for this group is 0.35.



The chart above indicates the ranking of your animal's passive hip laxity (DI) in relation to all CANINE animals of the GERMAN SHORTHAIRED POINTER breed in our database. This result means that 1) your animal's hips are tighter than approximately 70% of this group of animals (alternatively, 30% of the group has tighter hips than your animal), and 2) your animal'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.

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

**NOTE:** As a minimum breeding criterion, we propose that breeding stock be selected from the population of animals having hip laxity in the tighter 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.

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.

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<http://www.pennhip.org>