ANTECH Imaging Services PennHIP

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Hip Evaluation Report

Report Date: 5/6/2014

Reference #: **913192**
Practice #: 35458-A

Radiography Date: 5/2/2014
Date Received: 5/2/2014

PennHIP Member:
DR. BRAD BARTHOLOMAY
CASSELTON VETERINARY SERVICES
910 GOVERNOR'S DRIVE
CASSELTON, ND 58012
UNITED STATES

Owner:
TRACY LINDLEY
2832 SAMUEL DR. S
FARGO, ND 58104
UNITED STATES

ANIMAL

BRUSH DALE'S DOGGONE RIGHT 12070601 KIM
CANINE / SMALL MUNSTERLANDER
Date of Birth: 7/6/2012 Sex: M Weight: 46 lbs. Age: 22 mo.

Reg. #: 12070601
Microchip: 0A01737134
Tattoo:

RESULTS

LEFT	Distraction Index (DI)	**0.40**	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)	**0.30**	DI is less than or equal to 0.30, with no radiographic evidence of DJD.
	Degenerative Joint Disease (DJD)	**None**	
	Cavitation	**No**	
	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

The laxity profile ranking is based on the hip with the greater laxity (DI). This interpretation is based on a cross-section of 201 CANINE animals of the SMALL MUNSTERLANDER breed. The median DI for this group is 0.38.

Percentiles

	90th	80th	70th	60th	50th	40th	30th	20th	10th	
> 90th					Median					**< 10th**

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The chart above indicates the ranking of your animal's passive hip laxity (DI) in relation to all CANINE animals of the SMALL MUNSTERLANDER breed in our database. Your animal's hip laxity lies within the 50th percentile or median range. 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.