

Reference #: **918575**
Practice #: 23104

Radiography Date: 2/23/2015
Date Received: 2/23/2015

PennHIP Member:
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STAYTON VETERINARY HOSPITAL
1308 NORTH FIRST AVENUE
STAYTON, OR 97383
UNITED STATES

Owner:
MIKE & SYDNEY GARFIAS
[REDACTED]
[REDACTED]
UNITED STATES

ANIMAL

PARSONS SUPERNOVA Reg. #: [REDACTED]
CANINE / WHITE SHEPHERD Microchip: 956000002842695
Date of Birth: 1/12/2014 Sex: F Weight: 57 lbs. Age: 13 mo. Tattoo: [REDACTED]

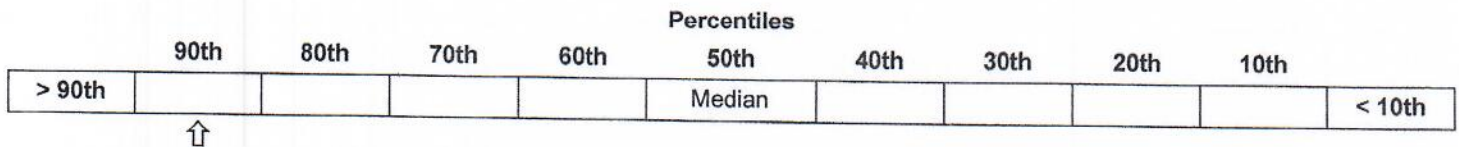
RESULTS

		LEFT		DI is less than or equal to 0.30, with no radiographic evidence of DJD.
LEFT	Distraction Index (DI)	0.29		
	Degenerative Joint Disease (DJD)	None		
	Cavitation	No		
	Other Findings	Not Applicable		
RIGHT	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	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 82 CANINE animals of the WHITE SHEPHERD breed. The median DI for this group is 0.40.



The chart above indicates the ranking of your animal's passive hip laxity (DI) in relation to all CANINE animals of the WHITE SHEPHERD breed in our database. This result means that 1) your animal's hips are tighter than approximately 90% of this group of animals (alternatively, 10% 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.