



PennHIP

Reference #: **927950**

Report Date: 7 Apr 2016

Date Received: 5 Apr 2016

Referring Veterinarian:
 DR. TIM CAVANAGH
 ALL CREATURES VETERINARY SERVICE
 720 WEST AVE
 ARLINGTON, WA 98223
 UNITED STATES

Patient ID: 2326B
 Radiography Date: 5 Apr 2016
 Owner/Responsible Person:
 KAREN F. DETTMER

Patient:	
Patient Name: LAUREL HILLS X MARKS THE SPOT	Species: CANINE
Reg. Name: LAUREL HILLS X MARKS THE SPOT	Breed: STANDARD POODLE
Reg. #: PR17430403	Date of Birth: 5 Dec 2013
Tattoo:	Age: .28 mo.
Microchip:	Gender: M
	Weight: 13 lbs.

RESULTS			
LEFT	Distraction Index (DI)	0.26	DI is less than or equal to 0.30, with no radiographic evidence of OA.
	Osteoarthritis (OA)	None	
	Cavitation	No	
	Other Findings	Not Applicable	
RIGHT	Distraction Index (DI)	0.41	DI is greater than 0.30 with no radiographic evidence of OA. There is an increasing risk of developing OA as the DI increases; low risk when DI is close to 0.30, high risk when DI is close to 0.70 or above.
	Osteoarthritis (OA)	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 2,458 CANINE animals of the STANDARD POODLE breed. The median DI for this group is 0.47.										
Percentiles										
	90th	80th	70th	60th	50th	40th	30th	20th	10th	
> 90th					Median					< 10th



The chart above indicates the ranking of your animal's passive hip laxity (DI) in relation to all CANINE animals of the STANDARD POODLE 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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