Member Copy

PennHIP Hip Evaluation Report

Report Date: 4/12/2013

Reference #: **903564**
Practice #: 17735

Radiography Date: 4/9/2013
Date Received: 4/9/2013

PennHIP Member:
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Owner:
DEBBIE & MIKE ARSENEAU
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ANIMAL

BERNTIERS CHURCHILL Reg. #: CKC 1119077
CANINE / BERNESE MOUNTAIN DOG Microchip: 752098100544970
Date of Birth: 2/16/2012 Sex: M Weight: 97 lbs. Age: 14 mo. Tattoo:

RESULTS

LEFT	Distraction Index (DI)	**0.27**	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**	
RIGHT	Distraction Index (DI)	**0.24**	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 1,844 CANINE animals of the BERNESE MOUNTAIN DOG breed. The median DI for this group is 0.53.

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 BERNESE MOUNTAIN DOG breed in our database. This result means that 1) your animal's hips are tighter than over 90% of the animals in this group, 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.