

Reference #: **866560**  
 Practice #:

 Radiography Date: 5/17/2007  
 Date Received: 6/1/2007

**Owner:**  
 LINDSEY FOGG  
 21270 MARKET ROAD  
 PARMA, ID 83660  
 UNITED STATES

**PennHIP Member:**  
 DR. BRETT BINGHAM  
 INTERMOUNTAIN PET HOSPITAL  
 800 WEST OVERLAND ROAD  
 MERIDIAN, ID 83642  
 UNITED STATES

**ANIMAL**
**BUCKEYE RATEL**

CANINE / SOUTH AFRICAN BOERBOEL MASTIFF

Date of Birth: 5/27/2006 Sex: M Weight: 134 lbs. Age: 12 mo.

Reg. #: 2006102099001

Microchip: 0006AD3E96

Tattoo:

**RESULTS**

		LEFT		RIGHT			
LEFT	Distraction Index (DI)	<b>0.28</b>	DI is less than or equal to 0.30, with no radiographic evidence of DJD.	Distraction Index (DI)	<b>0.28</b>		
	Degenerative Joint Disease (DJD)	<b>None</b>			DJD is less than or equal to 0.30, with no radiographic evidence of DJD.	<b>None</b>	
	Cavitation	<b>No</b>					<b>No</b>
	Other Findings	<b>Not Applicable</b>					
RIGHT	Distraction Index (DI)	<b>0.28</b>	DI is less than or equal to 0.30, with no radiographic evidence of DJD.	Distraction Index (DI)			
	Degenerative Joint Disease (DJD)	<b>None</b>			DJD is less than or equal to 0.30, with no radiographic evidence of DJD.	<b>None</b>	
	Cavitation	<b>No</b>					<b>No</b>
	Other Findings	<b>Not Applicable</b>					

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 497 CANINE animals of the SOUTH AFRICAN BOERBOEL MASTIFF breed. The median DI for this group is 0.55.

**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 SOUTH AFRICAN BOERBOEL MASTIFF breed in our database. This result means that 1) your animal's hips are tighter than approximately 100% of this group of animals (alternatively, 0% 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.