

**PennHIP****Hip Evaluation Report**

Report Date: 10/31/2012

Reference #: **903330**  
Practice #: **171520A**Radiography Date: 10/11/2012  
Date Received: 10/24/2012Owner:  
KIRSTEN WYLIE  
PO BOX 21060  
EDGEWARE  
CHRISTCHURCH, 8043  
NEW ZEALANDPennHIP Member:  
DR. KIRSTEN WYLIE  
TOTAL VETERINARY SERVICES  
PO BOX 21060  
EDGEWARE  
CHRISTCHURCH, 8043  
NEW ZEALAND**ANIMAL**

LET ME ENTERTAIN U AT ALTITUDE (ROGER)

Reg. #: 03191-2012

CANINE / AFFENPINSCHER

Microchip: 985170002303900

Date of Birth: 3/12/2012 Sex: M Weight: 0 lbs. Age: 7 mo.

Tattoo:

**RESULTS**

|       |                                  |                |  |
|-------|----------------------------------|----------------|--|
| LEFT  | Distraction Index (DI)           | 0.85           | CONFIRMED HIP DYSPLASIA. DI is greater than 0.30, with evidence of mild or moderate DJD. |
|       | Degenerative Joint Disease (DJD) | Mild           |  |
|       | Cavitation                       | No             |  |
|       | Other Findings                   | Not Applicable |  |
| RIGHT | Distraction Index (DI)           | 0.84           | CONFIRMED HIP DYSPLASIA. DI is greater than 0.30, with evidence of mild or moderate DJD. |
|       | Degenerative Joint Disease (DJD) | Mild           |  |
|       | 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). Be aware that since at least one hip exhibits evidence of DJD, a diagnosis of CONFIRMED HIP DYSPLASIA is given regardless of the laxity profile ranking. There are insufficient numbers of the AFFENPINSCHER breed for a breed-specific analysis. This interpretation is based on a cross-section of 105,417 animals of all CANINE breeds. The median DI for this group is 0.48.

| 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 breeds in our database. This result means that 1) your animal's hips are tighter than approximately 10% of this group of animals (alternatively, 90% of the group has tighter hip than your animal), and 2) your animal's hip laxity is in the looser 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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