

Report Date: 11/11/2010

Reference #: **890836**  
Practice #: 9534 2010-371

Radiography Date: 10/18/2010  
Date Received: 11/11/2010

Owner:  
MARY ROYCROFT  
8464 WOODBINE RD  
AIRVILLE, PA 17302  
UNITED STATES

PennHIP Member:  
DR. ELIZABETH PRESTON  
HOPEWELL VETERINARY SERVICES  
2 TROUTS LANE  
STEWARTSTOWN, PA 17363  
UNITED STATES

## ANIMAL

TWILIGHT'S STARHALO'S ANGEL BLUE (HALO)

Reg. #: WS15016007

CANINE / GREAT DANE

Microchip:

Date of Birth: 7/15/2005 Sex: F Weight: 128 lbs. Age: 63 mo.

Tattoo:

## RESULTS

LEFT	Distraction Index (DI)	0.19	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)	0.31	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 817 CANINE animals of the GREAT DANE breed. The median DI for this group is 0.39.

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 GREAT DANE breed in our database. This result means that 1) your animal's hips are tighter than approximately 80% of this group of animals (alternatively, 20% 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.



ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

TWILIGHT'S STARHAL O'S ANGEL BLUE

*registered name*

GREAT DANE

*breed*

BLUE

*color*

4661181B40

*tattoo/microchip/DNA profile*

1395893

*application number*

11/16/2009

*date of report*

WS15016007

*registration no.*

F

*sex*

7/15/2005

*date of birth*

51

*age at evaluation in months*

GD-CA2057/51F/C-PI

*O.F.A. NUMBER*

*This number issued with the right to correct or  
revoke by the Orthopedic Foundation for Animals.*



A Not-For-Profit Organization

*The results of the examination submitted to OFA indicate that no evidence of congenital cardiac disease was recognized.*

NORMAL - CARDIOLOGIST

owner

MARY ROYCROFT  
8464 WOODBINE RD  
AIRVILLE, PA 17302

*G.G. Keller, D.V.M.*

G.G. KELLER, D.V.M., M.S., DACVR  
CHIEF OF VETERINARY SERVICES

www.offa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

TWILIGHT'S STARHAL O'S ANGEL BLUE

*registered name*

GREAT DANE

*breed*

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*tattoo/microchip/DNA profile*

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*application number*

11/1/2010

*date of report*

WS15016007

*registration no.*

F

*sex*

7/15/2005

*date of birth*

63

*age at evaluation in months*

GD-TH1618/63F-VPI

*O.F.A. NUMBER*

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A Not-For-Profit Organization

*Based on the laboratory results submitted no evidence of thyroid disease was recognized.*

NORMAL

owner

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