

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

ROSEHALL'S QUEEN LILLIANDIL OF NARNIA  
*registered name*

GERMAN SHEPHERD DOG  
*breed*

1782881  
*film/test/lab #*

981020021049580  
*tattoo/microchip/DNA profile*

1934202  
*application number*

12/28/2017  
*date of report*

DN47384404  
*registration no.*

F  
*sex*

08/27/2016  
*date of birth*

16  
*age at evaluation in months*



A Not-For-Profit Organization

GS-DM7737/16F-PI-CAR  
*O.F.A. NUMBER*

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

**RESULTS:**  
DEGENERATIVE MYELOPATHY (DM): A/N, HETEROZYGOUS CARRIER, 1 COPY OF THE DM MUTATION

**CARRIER**

These results are based on the laboratory report from UNIVERSITY OF MISSOURI and the owner's certification that the sample provided was from the animal described above. The OFA registers these lab results, but cannot warrant the accuracy of the lab results.

**OWNER:**  
CHARLES FREELAND  
5304 IROQUOIS WAY  
HAMMONTON NJ 08037

OFA eCert



Verify certificate  
with QR scan

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

[www.offa.org](http://www.offa.org)

# AIS PennHIP

(877) 727-6800 www.antechimagingervices.com

Owner's Copy

## PennHIP Report

Referring Veterinarian: Dr James Hagan  
Email: joanliston@aol.com

Clinic Name: Cologne Animal Hospital  
Clinic Address: 717 W. White Horse Pike  
Cologne, NJ 08213  
Phone: (609) 965-6008  
Fax: (609) 965-5954

## Patient Information

Client: freeland, charles  
Patient Name: LILLIANDIL  
Reg. Name: rosehall's queen lilliandil of narnia  
PennHIP Num: 113524  
Species: Canine  
Date of Birth: 27 Aug 2016  
Sex: Female  
Date of Study: 17 Nov 2017  
Date of Report: 02 Dec 2017

Tattoo Num:  
Patient ID: 2265  
Registration Num:  
Microchip Num: 981020021049580  
Breed: GERMAN SHEPHERD  
Age: 15 months  
Weight: 84.7 lbs/38.4 kgs  
Date Submitted: 30 Nov 2017

## Findings

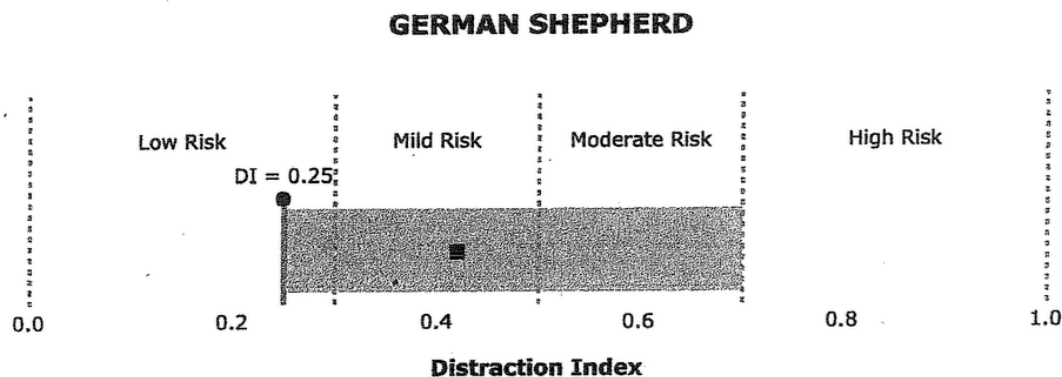
Distraction Index (DI): Right DI = 0.21, Left DI = 0.25.  
Osteoarthritis (OA): No radiographic evidence of OA for either hip.  
Cavitation/Other Findings: None.

## Interpretation

**Distraction Index (DI):** The laxity ranking is based on the hip with the greater laxity (larger DI). In this case the DI used is 0.25.

**OA Risk Category:** The DI is less than or equal to 0.30. This patient is at minimal risk for hip OA.

**Distraction Index Chart:**



**Breed Statistics:** This interpretation is based on a cross-section of 14068 canine patients of the GERMAN SHEPHERD breed in the AIS PennHIP database. The gray strip represents the central 90% range of DIs (0.25 - 0.70) for the breed. The breed average DI is 0.42 (solid square). The patient DI is the solid circle (0.25).

**Summary:** The degree of laxity (DI = 0.25) ranks the hip within the tightest 5% of DIs for the breed. This amount of hip laxity places the hip at a minimal risk to develop hip OA. No radiographic evidence of OA for either hip.

**Interpretation and Recommendations:** No OA/Minimal Risk: Unlikely to show radiographic evidence of hip OA; even more unlikely to develop clinical signs of hip dysplasia. **Recommendations:** Normal to strenuous activity is permitted. Keep

# Orthopedic Foundation for Animals Preliminary (Consultation) Report



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Organization

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film/case no(s)

Owner  
CHARLES FREELAND  
5304 IROQUOIS WAY  
HAMMONTON, NJ 08037

Veterinarian  
COLOGNE ANIMAL HOSPITAL  
727 W WHITE HORSE PIKE  
COLOGNE, NJ 08213

### RADIOGRAPHIC EVALUATION OF PELVIC PHENOTYPE WITH RESPECT TO HIP DYSPLASIA

\* The study must be repeated when the animal is 24 months of age or older to qualify for an OFA number.

**EXCELLENT HIP JOINT CONFORMATION\***  
superior hip joint conformation as compared with other individuals of the same breed and age

**BORDERLINE HIP JOINT CONFORMATION**  
marginal hip joint conformation of indeterminate status with respect to hip dysplasia at this time – Repeat study in six months

**GOOD HIP JOINT CONFORMATION\***  
well formed hip joint conformation as compared with other individuals of the same breed and age

**MILD HIP DYSPLASIA**  
radiographic evidence of minor dysplastic changes of the hip joints

**FAIR HIP JOINT CONFORMATION\***  
minor irregularities of the hip joint conformation as compared with other individuals of the same breed and age

**MODERATE HIP DYSPLASIA**  
well defined radiographic evidence of dysplastic changes of the hip joints

**SEVERE HIP DYSPLASIA**  
radiographic evidence of marked dysplastic changes of the hip joints

### RADIOGRAPHIC FINDINGS

#### HIP JOINTS - STANDARD VD VIEW

- subluxation
- remodeling of femoral head/neck
- osteoarthritis/degenerative joint disease
- shallow acetabula
- acetabular rim/edge change
- unilateral pathology  left  right
- transitional vertebra
- spondylosis
- panosteitis
- other

#### ELBOW JOINTS – FLEXED LATERAL VIEW

negative for elbow dysplasia  L  R

#### ELBOW DYSPLASIA

|           |                            |                            |
|-----------|----------------------------|----------------------------|
| Grade I   | L <input type="checkbox"/> | R <input type="checkbox"/> |
| Grade II  | L <input type="checkbox"/> | R <input type="checkbox"/> |
| Grade III | L <input type="checkbox"/> | R <input type="checkbox"/> |

#### RADIOGRAPHIC FINDINGS

|                                   |                            |                            |
|-----------------------------------|----------------------------|----------------------------|
| degenerative joint disease (DJD)  | L <input type="checkbox"/> | R <input type="checkbox"/> |
| united anconeal process (UAP)     | L <input type="checkbox"/> | R <input type="checkbox"/> |
| fragmented coronoid process (FCP) | L <input type="checkbox"/> | R <input type="checkbox"/> |
| osteochondrosis                   | L <input type="checkbox"/> | R <input type="checkbox"/> |

Consultation by: *Greg Keller DVM*  
G.G. KELLER, DVM, MS, DACVR  
CHIEF OF VETERINARY SERVICES