



Owner's Copy

**PennHIP Report**

Referring Veterinarian: Dr Glenn  
Fahnestock  
Email: grfdvm@roadrunner.com

Clinic Name: Eastview Vet Clinic NY  
Clinic Address: P.O. Box 2371260 State Rt.  
14A  
Penn Yan, NY 14527  
Phone: (315) 536-9871  
Fax: (315) 536-8297

**Patient Information**

Client: frank, kay  
Patient Name: Vito  
Reg. Name: Vonsilas Reigning Godfather  
PennHIP Num: 105336  
Species: Canine  
Date of Birth: 31 May 2016  
Sex: Male  
Date of Study: 24 Feb 2017  
Date of Report: 24 Feb 2017

Tattoo Num:  
Patient ID: Vito  
Registration Num: DN46595501  
Microchip Num: 985112007710437  
Breed: GERMAN SHEPHERD  
Age: 9 months  
Weight: 76.5 lbs/34.7 kgs  
Date Submitted: 24 Feb 2017

**Findings**

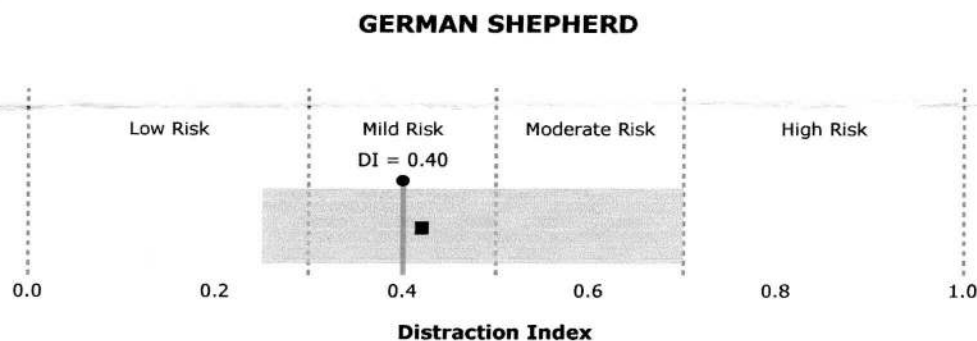
Distraction Index (DI): Right DI = 0.34, Left DI = 0.40.  
Osteoarthritis (OA): No radiographic evidence of OA for either hip.  
Cavitation/Other Findings: None.

**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 0.40.

OA Risk Category: The DI is between 0.31 and 0.49. This patient is at mild risk for hip OA.

Distraction Index Chart:



**Breed Statistics:** This interpretation is based on a cross-section of 13538 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 (0.40).

**Summary:** The degree of laxity (DI = 0.40) falls within the central 90% range of DIs for the breed. This amount of hip laxity places the hip at a mild risk to develop hip OA. No radiographic evidence of OA for either hip.

**Interpretation and Recommendations:** No OA/Mild Risk: Low risk to develop radiographic evidence of hip OA early in life, however OA may manifest after 6 years of age or later. Risk of OA increases as DI, age, body weight, and activity level increase. OA susceptibility is breed specific, larger breeds being more susceptible. **Recommendations:** Evidence-based strategies to lower the risk of dogs developing hip OA or to treat those having OA fall into 5 modalities.\* For detailed