



Owner's Copy

PennHIP Report

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Patient Information

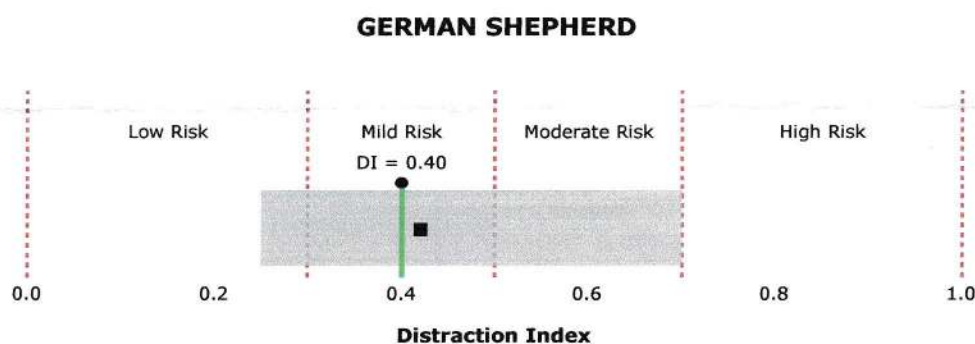
Client: frank, kay Patient Name: Vito Reg. Name: Vonsilas Reigning Godfather PennHIP Num: 105336 Species: Canine Date of Birth: 31 May 2016 Sex: Male Date of Study: 24 Feb 2017 Date of Report: 24 Feb 2017	Tattoo Num: Patient ID: Vito Registration Num: DN46595501 Microchip Num: 985112007710437 Breed: GERMAN SHEPHERD Age: 9 months Weight: 76.5 lbs/34.7 kgs Date Submitted: 24 Feb 2017
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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.
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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