

PennHIP Report

Referring Veterinarian: Dr Lynn Barton	Clinic Name: Down Home Veterinary Services LLC
Email: vet@caninehealthtesting.com	Clinic Address: 1737 County Road 168 Dundee, OH 44624
	Phone:
	Fax:

Patient Information

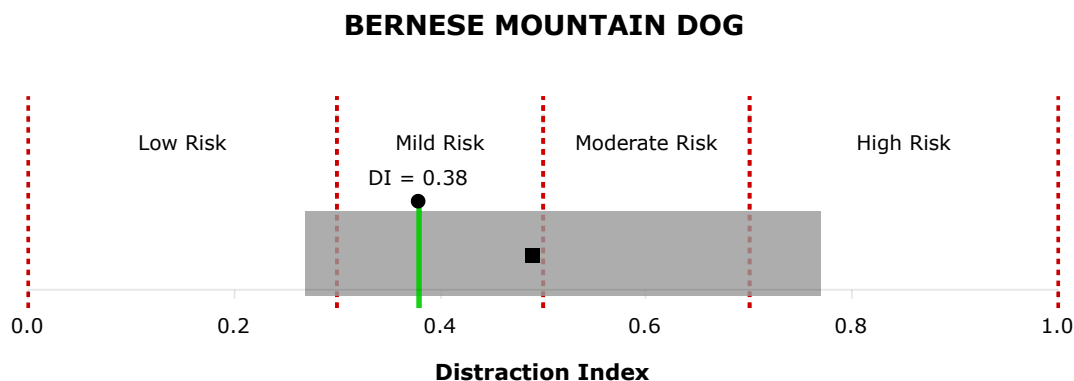
Client: Nelson, Samantha	Tattoo Num:
Patient Name: Down Home's Iris	Patient ID: 202105000079639
Reg. Name:	Registration Num:
PennHIP Num: 226596	Microchip Num:
Species: Canine	Breed: BERNESE MOUNTAIN DOG
Date of Birth: 04 Jul 2025	Age: 8 months
Sex: Female	Weight: 39
Date of Study: 18 Mar 2026	Date Submitted: 18 Mar 2026
Date of Report: 18 Mar 2026	

Findings

Distraction Index (DI): Right DI = 0.38, Left DI = 0.34.
 Osteoarthritis (OA): **No radiographic evidence of OA for either hip.**
 Cavitation/Other Findings: No cavitation present.

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 0.38.
 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 5312 canine patients of the BERNESE MOUNTAIN DOG breed in the AIS PennHIP database. The gray strip represents the central 90% range of DIs (0.27 - 0.77) for the breed. The breed average DI is 0.49 (solid square). The patient DI is the solid circle (0.38).

SUMMARY: The degree of laxity (DI = 0.38) 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.**

Orthopedic Foundation for Animals
Preliminary Elbow Dysplasia Evaluation Report



A Not-for-Profit
Organization

DOWN HOME'S IRIS
registered name

BERNESE MOUNTAIN DOG
breed

film/test/lab #

202105000079639

tattoo/microchip/DNA profile

2684085

application number

01/26/2026

date of report

NOREG2684085
registration no.

F
sex

07/04/2025
date of birth

6
age at evaluation in months

Owner

SAMANTHA NELSON
HC 13 BOX 4248
FAIRVIEW UT 84629

Veterinarian

DOWN HOME VETERINARY SERVICES
1737 CR 168
DUNDEE OH 44624

Preliminary Elbow Dysplasia Evaluation Report

✓ negative for elbow dysplasia

L ✓ R ✓

ELBOW DYSPLASIA

GRADE I

GRADE II

GRADE III

L _____ R _____

L _____ R _____

L _____ R _____

RADIOGRAPHIC FINDINGS

degenerative joint disease (DJD)

united anconeal process (UAP)

fragmented coronoid process (FCP)

osteochondrosis

L _____ R _____

L _____ R _____

L _____ R _____

L _____ R _____

G.G. Keller DVM

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES



Micah Halpern, PhD
Principal Scientist

Mary Simonson
Laboratory Manager

CERTIFICATE OF RESULTS FOR SAMPLE ID #:

528987

OWNER'S NAME: MARCUS MAST
PET'S NAME*: WINDSONG'S BLACK IRIS
PET'S REGISTRATION #: AKC#WS87083502
PET'S BREED: BERNESE MOUNTAIN DOG
DATE TESTED: 3/5/2026

TEST	RESULT**	TEST RESULT EXPLANATION***
Degenerative Myelopathy (DM)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop degenerative myelopathy.
SOD1B Degenerative Myelopathy (SOD1B)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop degenerative myelopathy due to this mutation.
Von Willebrand's Disease Type I (VWD1)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop von Willebrand's type I disease.

*GenSol warrants its test results to be accurate for the sample obtained from the above pet. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. IN NO EVENT SHALL GENSOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

***For detailed result explanation visit www.gensoldx.com. Please consult a licensed veterinarian to discuss the implications.

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