Referring Veterinarian: Dr Amber Herron	Clinic Name: Caring Hands Veterinary Hospital (Billings, MT)
Email: aherronvet@gmail.com	Clinic Address: 533 So. 24th St. W Billings, MT 59102
	Phone: (406) 656-6320
	Fax:(406) 652-0551

Patient Information

Client: Brandstadt, Elizah	Tattoo Num:
Patient Name: Diamond	Patient ID: 44769
Reg. Name:	Registration Num:
PennHIP Num: 164989	Microchip Num: 900085000167556
Species: Canine	Breed: GOLDEN RETRIEVER
Date of Birth: 01 Mar 2020	Age: 20 months
Sex: Male	Weight: 70.3 lbs/31.9 kgs
Date of Study: 15 Nov 2021	Date Submitted: 16 Nov 2021
Date of Report: 17 Nov 2021	

Findings

Distraction Index (DI): Right DI = 0.34, Left DI = 0.27.

Osteoarthritis (OA): **No radiographic evidence of OA for either hip.**

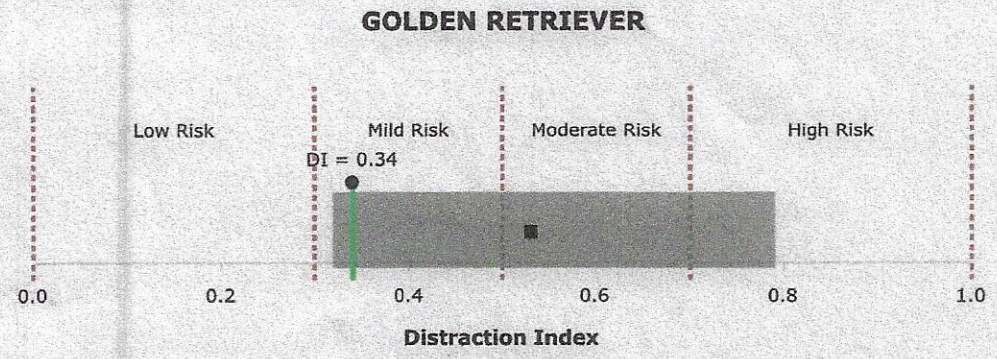
Cavitation/Other Findings: No cavitation present.

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 0.34.

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 23357 canine patients of the GOLDEN RETRIEVER breed in the AIS PennHIP database. The gray strip represents the central 90% range of DIs (0.32 - 0.79) for the breed. The breed average DI is 0.53 (solid square). The patient DI is the solid circle (0.34).

SUMMARY: The degree of laxity (DI = 0.34) 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.**

Paw Print Genetics
A division of Genetic Veterinary Sciences, Inc.

Canine Genetic Health Certificate™

Call Name:	Diamond	**Laboratory #:**	285938
Registered Name:	-	**Registration #:**	-
Breed:	Golden Retriever	**Certificate Date:**	Feb. 7, 2022
Sex:	Male		
DOB:	Aug. 2019		

This canine's DNA showed the following genotype(s):

Disease	Gene	Genotype	Interpretation
Degenerative Myelopathy	*SOD1*	WT/WT	Normal (clear)
Dystrophic Epidermolysis Bullosa	*COL7A1*	WT/WT	Normal (clear)
Exercise-Induced Collapse	*DNM1*	WT/WT	Normal (clear)
Ichthyosis (Golden Retriever Type)	*PNPLA1*	WT/WT	Normal (clear)
Muscular Dystrophy (Golden Retriever Type)	*DMD*	WT/Y	Normal/Clear Male
Neuronal Ceroid Lipofuscinosis 5 (Golden Retriever Type)	*CLN5*	WT/WT	Normal (clear)
Osteogenesis Imperfecta (Golden Retriever Type)	*COL1A1*	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Golden Retriever 1	*SLC4A3*	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Golden Retriever 2	*TTC8*	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	*PRCD*	WT/WT	Normal (clear)

WT, wild type (normal); M, mutant; Y, Y chromosome (male)

Helen F Smith, PhD
Associate Laboratory Director

Christina J Ramirez, PhD, DVM, DACVP
Medical Director

Paw Print Genetics® performed the tests listed on this dog. See the Laboratory Report for interpretation and recommendations based on these findings. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the tests' accuracy and precision. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results. Genetic counseling is available at Paw Print Genetics.

ЮНИЙ ЧЕМПІОН УКРАЇНИ
JUNIOR CHAMPION OF UKRAINE

UKRAINIAN KENNEL UNION

КІНОЛОГІЧНА СПІЛКА УКРАЇНИ

Ім'я / Name TRAMIN ROUGH DIAMOND

Порода / Breed GOLDEN RETRIEVER

Власник / Owner USHAN OLENA

Родовід / Pedigree UKU.0433306

Дата видачі / Date 25.09.2020

019337

Президент КСУ /Г.Г. Оніщенко/

Tramin Rough Diamond (8/8/2019-) - Dimon -

Call name:	"Dimon"
Gender:	M
Honorifics:	Junior Champion of Ukraine
Country of origin:	Ukraine
Country of residence:	Unknown
Registration:	FCI
Breeder:	Ushan Elena
Owner:	
Microchip/Tattoo #	900085000167556
Hip clearance:	A
Eye clearance:	Clear
Heart clearance:	health
Elbow clearance:	0
prcd-PRA status:	Clear
PRA1 status:	Clear
PRA2 status:	Clear
Ichthyosis status:	Clear
Image:	(none) [Click to link an image]

Pedigree:

Tramin Rough Diamond	Tramin Las Vegas	INT CH(CIE),CH RKF,GRCH Rus,CH Rus,CH Balkan,CH Geo,CH Rks,CH Yug,CH Club,JCH Club,JCH Rus,JCH Blr. STARSCREAM DE LAR DE CASANOVA	NUCH Vestafjell's Imagine My Daddy NJV'13 NV'13
			Int.Spa.Port.Gbr.Ch.V- EWJ'13. Spa / Port/ Gbz /.JCh. Trinity Ilusion De Lar De Casanova JCh.CER/1st in Yearling Class at Crufts 2014
		Tramin Consuelo	Int.Ch, Dt.Ch. Pl.Ch, German Winner, Slo Winner, B.B. King Oligarchia J. German Winner
			Tramin Delaila
	Tramin May the Force Be with You	C.I.B. Tramin Sarmat	C.I.B., CanGCH Tramin De Bon Matin CCA CGC
			Sky Pride Magic
		Bulgaria Ch. Tramin Shkoda	JCH UA, Ch MD, Geo, Bel, Bol Tramin Solar Torpedo
			Tramin Do Re Mi

- View printer-friendly pedigree