ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

PRECISELY POODLES TRILLIUM ROSE
registered name

POODLE
breed

film/test/lab #

985113003396817
tattoo/microchip/DNA profile

2122693
application number

05/07/2020
date of report

PR20653806
registration no.

F
sex

01/31/2018
date of birth

26
age at evaluation in months

PO-28100G26F-VPI
O.F.A. NUMBER

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

A Not-For-Profit Organization

RESULTS:
Based upon the radiograph submitted, the consensus was that no evidence of hip dysplasia was recognized. The hip joint conformation was evaluated as:

GOOD

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

owner

NICOLE HANMER
26100 NEWPORT RD STE 12-1
MENIFEE CA 92584

OFA eCert

Verify certificate with QR scan

www.ofa.org

This electronic OFA certificate was generated on: 05/07/2020

This certification can be verified on the OFA website by entering the dog's registration number into the orange search box located at the top of the page or by scanning the QR code above.

If there are any errors on this certificate, please email CORRECTIONS@OFFA.ORG to request a correction.

Orthopedic Foundation for Animals, Inc.
2300 E. Nifong Blvd.
Columbia, MO 65201-3806
OFA website: www.ofa.org
E-mail address: ofa@offa.org
Phone number: 573-442-0418
Fax number: 573-875-5073

AIS PennHIP

(877) 727-6800 www.antechimagingservices.com

Owner's Copy

PennHIP Report

Referring Veterinarian: Dr Reid Shufer	Clinic Name: Alta Rancho Veterinary Hospital
Email: arphweb@aol.com	Clinic Address: 8677 19th St Alta Loma, CA 91701
	Phone: (909) 980-3575
	Fax:(909) 948-5167

Patient Information

Client: Hanmer, Nicole	Tattoo Num:
Patient Name: Rosie Hanmer	Patient ID: 30838 Rosie
Reg. Name: Precisely Poodles Trillium Rose	Registration Num: PR20653806
PennHIP Num: 141491	Microchip Num: 985113003396817
Species: Canine	Breed: STANDARD POODLE
Date of Birth: 31 Jan 2018	Age: 27 months
Sex: Female	Weight: 54.4 lbs/24.7 kgs
Date of Study: 22 Apr 2020	Date Submitted: 22 Apr 2020
Date of Report: 23 Apr 2020	

Findings

Distraction Index (DI): Right DI = 0.40, Left DI = 0.42.

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

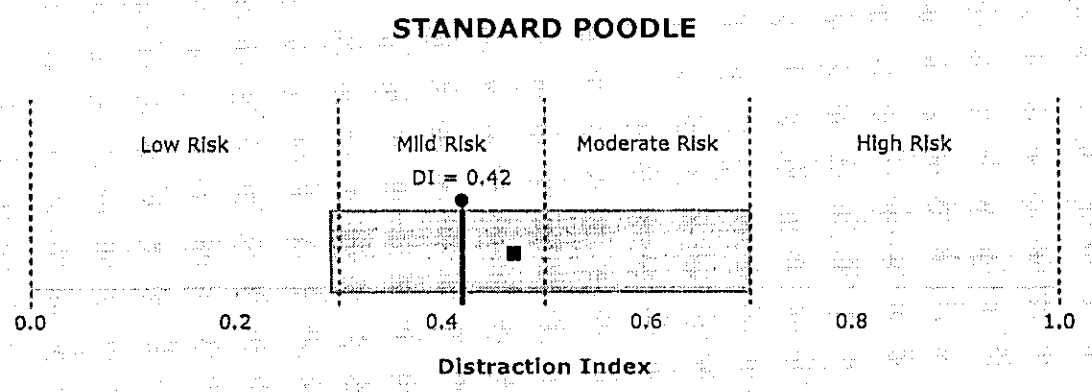
Cavitation/Other Findings: No cavitation present.

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 0.42.

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 3850 canine patients of the STANDARD POODLE breed in the AIS PennHIP database. The gray strip represents the central 90% range of DIs (0.29 - 0.70) for the breed. The breed average DI is 0.47 (solid square). The patient DI is the solid circle (0.42).

SUMMARY: The degree of laxity (DI = 0.42) 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.

Coat Color and Trait Certificate

Call Name:	Rosie	**Laboratory #:**	99309
Registered Name:	-	**Registration #:**	-
Breed:	Standard Poodle	**Certificate Date:**	Jan. 10, 2019
Sex:	Female		
DOB:	Jan. 2018		

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

Coat Color/Trait Test	Gene	Genotype	Interpretation
A Locus (Agouti)	*ASIP*	a^t/a^t	Tricolor, black and tan
B Locus (Brown)	*TYRP1*	B/b	Black coat, nose and foot pads (carries brown)
D Locus (Dilute)	*MLPH*	D/D	Non dilute
E Locus (Yellow/Red)	*MC1R*	E/E	Black
K Locus (Dominant Black)	*CBD103*	k^y/k^y	Agouti expression allowed
S Locus (White Spotting, Parti, or Piebald)	*MITF*	s^p/s^p	Nearly solid white, parti, or piebald

Interpretation:

This dog carries two copies of **a^t** which results in tan points and can also present as a black and tan or tricolor coat color. However, this dog's coat color is also dependent on the E, K, and B genes. The tan point coat color is only expressed if the dog is also E/E or E/e at the E locus and k^y/k^y at the K locus. This dog will pass on **a^t** to 100% of its offspring.

This dog carries one copy of **B** and at least one copy of **b** at the b^c, b^d or b^s locus making the overall B locus genotype of this dog **B/b**. The overall B locus genotype for a dog is determined by the combination of the genotypes at the b^c, b^d, and b^s loci. The b^c, b^d, and b^s variants confer brown coat, nose, and foot pads when at least one of these DNA changes is present on both genes of the dog at the B locus. If the dog has one or no copies of **b** then the dog will have a black coat, nose, and foot pads. However, this dog's coat color is also dependent on the E, K, and A genes. This dog will pass on **B** to 50% of its offspring and **b** to 50% of its offspring.

This dog carries two copies of **D** which does not result in the "dilution" or lightening of the black and yellow/red pigments that produce the dog's coat color. The base coat color of this dog will be primarily determined by the E, K, A, and B genes. This dog will pass on **D** to 100% of its offspring.

This dog carries two copies of **E** which allows for the production of black pigment. However, this dog's coat color is also dependent on the K, A, and B genes. This dog will pass on **E** to 100% of its offspring.

This dog carries two copies of **k^y** which allows for the expression of the agouti gene (A locus) which can result in a variety of coat colors including sable/fawn, tricolor, tan points, black or brown. However, this dog's coat color is dependent on its genotypes at the E, A and B genes. This dog will pass on **k^y** to 100% of its offspring.

This dog carries two copies of **s^p** which results in a nearly solid white, parti, or piebald coat color. This dog will pass on one copy of **s^p** to 100% of its offspring.

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

Canine Genetic Health Certificate™

Call Name:	Rosie	**Laboratory #:**	99309
Registered Name:	-	**Registration #:**	-
Breed:	Standard Poodle	**Certificate Date:**	Aug. 2, 2018
Sex:	Female		
DOB:	Jan. 2018		

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

Disease	Gene	Genotype	Interpretation
Degenerative Myelopathy	*SOD1*	WT/WT	Normal (clear)
GM2 Gangliosidosis (Poodle Type)	*HEXB*	WT/WT	Normal (clear)
Neonatal Encephalopathy with Seizures	*ATF2*	WT/WT	Normal (clear)
Osteochondrodysplasia	*SLC13A1*	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	*PRCD*	WT/WT	Normal (clear)
Von Willebrand Disease I	*VWF*	WT/WT	Normal (clear)

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

Helen F Smith, PhD
Assistant 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.