Report Viewer



PennHIP Report

Owner's Copy

Referring Veterinarian: Dr Jason Beck	Clinic Name: Queensland Veterinary Specialists- Northlakes
Email: northlakes@qldvetspecialists.com.au	Clinic Address: 53 Finders Parade
	Northlakes, ACT 4509
	Phone: 6 (173) 384-2222
	Fax:6 (173) 384-2244

Patient Information

Client: DOGS, CAREER	Tattoo Num:
Patient Name: CHERYL	Patient ID: 133004
Reg. Name: CAREER DOGS' BILLIES' BEAUTY	Registration Num:
PennHIP Num: 145096	Microchip Num: 953010003464253
Species: Canine	Breed: GOLDEN RETRIEVER
Date of Birth: 14 May 2019	Age: 15 months
Sex: Female	Weight: 61.7 lbs/28 kgs
Date of Study: 03 Aug 2020	Date Submitted: 03 Aug 2020
Date of Report: 06 Aug 2020	

Findings

Distraction Index (DI): Right DI = 0.32, Left DI = 0.30. 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 0.32.

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

GOLDEN RETRIEVER



BREED STATISTICS: This interpretation is based on a cross-section of 21419 canine patients of the GOLDEN RETRIEVER breed in the AIS PennHIP database. The gray strip represents the central 90% range of DIs (0.32 - 0.80) for the breed. The breed average DI is 0.54 (solid square). The patient DI is the solid circle (0.32).

SUMMARY: The degree of laxity (DI = 0.32) ranks the hip within the tightest 5% 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.



Brisbane Veterinary Specialist Centre

A Division of Straw Veterinary Support Pty Ltd ABN 81 688 511 416

OPHTHALMIC EXAMINATION FORM

Owner: Career Dogs Australia

Animal Name: Cheryl

4509

Address: PO Box 620 North Lakes Queensland Microchip No: 9530/000 3464 253

A.K.C. Reg No:

ANIMAL: Species: Canine Breed: Golden Retriever Birthdate: 14-05-2019 Coat: colour/type: Gold Sex: Female

"I hereby declare that the animal submitted for examination is the animal described above. Furthermore, I declare I am the owner or agent of the owner for this animal"

Signed: Owner/Agent:

. ...

Date: 18,3,20

PREVIOUS EXAMINATION: Not prevexamined Not affected Undetermined Affected

Date of previous examination: __/__/_

EXAMINATION TECHNIQUE: Direct ophthalmoscopy Indirect ophthalmoscopy Biomicroscopy Other

MYDRIATIC: Yes No							
REGIONS EXAMINED:	LIDS	CORNEA	IRIS	LENS	FUNDUS	OTHER	
Not affected	V	V	\checkmark	\checkmark	V	_	perinuclear rings
Undetermined/suspicious						-	both lenses
Affected							
INHERITED DISEASE: Yes Should be re-examined:	NO S	Suspicious Yearly	Date o SIGNI	of examination	ation: <u>18</u> 13	3,20 K	



Certificate of Echocardiography

This is to certify that I, Dr Geoff Nicolson BVSc (Hons I) MVETSTUD Dipl. ECVIM-CA (Cardiology), a qualified Specialist Veterinary Cardiologist, have today 11-08-20 examined the following animal for evidence of cardiac disease:

Animal name: CHERYL CAREER DOGS, BILLIES BEAUTY

Age/DOB: 14-05-2019 Sex: F Breed: Labrador Retriever

Colour: Gold Reg no: N/A Microchip no: 953010003464253

Owner: Lauren Elgie

I hereby declare that the animal submitted for examination is the animal described above. Furthermore I declare I am the owner or agent of the dog

____ Date: ____ Signed: Owner/Agent ____

Echocardiographic Examination

(cardiologist to complete)

Findings: Trace tricuspid regurgitation, likely physiologic (less likely dysplasia). Otherwise normal echocardiographic exam.

LVIDd 41.1 mm	LVIDs 26.7 mm	
IVSd 10.8 mm	LVFWd 10.6 mm	LA:Ao 1.26
Aortic velocity 1.48 m/s		Pulmonic velocity 1.08 m/s
MR velocity N/A (norm. 5-6m/s)	TR velocity Trace (norm. < 3.0m/s)

Certification Statement

(cardiologist to complete)

The above animal has no echocardiographic evidence of cardiac disease. Fit for breeding.

1) The above animal has no echocardiographic evidence of cardiac disease

2) The above animal has echocardiographic changes, which I consider to be of no significance with regards to breeding

3) The above animal has an echocardiographic abnormality, which I consider makes it unsuitable for breeding purposes

Dr Geoff Nicolson BVSc (Hons I) MVETSTUD Dipl. ECVIM-CA (Cardiology) Specialist Veterinary Cardiologist

Lavelle's Diagnostic Imaging

Dr Roger B Lavelle MA Vet MB MRCVS DVR FANZCVS FAVA (ABN 755 752 02799)

ANKC Canine Hip and Elbow Dysplasia Report #27359

Dog Details

Registered Name	CAREER DOGS' BILLIES BEAUTY "CHERYL"					
Registered Number	MC NO: 953010003464253 DOB 14 May 2019					
Microchip Number	953010003464253					
Breed	Golden Retriever	Sex	F			
Owner Name	Career Dogs					
Owner Registration						
Contact Name	Career Dogs	Email	lauren@careerdogs.com.au			
Contact Address	PO Box 620, NORTH LAKES, QLD					

Referring Veterinarian Details

Veterinarian Name	Dr Jason Beck, Queensland Veterinary Specialists - Northlakes			
Veterinarian Registration		Email	northlakes@qldvetspecialists.com.au	

Radiologist Details

Radiologist Name	Dr Roger B Lavelle		
Radiologist Practice	Lavelle's Diagnostic Imaging		
Address	80 Ashworths Rd, Lancefield, VIC		
Telephone Number	61 3 5429 1682	Email	lavellesdiagnosticimaging@gmail.com

General Details

Date Xrayed	03 Aug 2020	Film Quality	Satisfactory
Date Received	13 Aug 2020	Positioning	Satisfactory
Date Returned	13 Aug 2020		

Examination Results

Hip Joint	Right	Left	Hips Comment	
Norberg Angle	1	3		
Subluxation	1	3		
Cranial acetabular edge	1	1		
Dorsal acetabular edge	0	0		
Cranial effect acetabular rim	0	0		
Acetabular fossa	0	0		
Caudal acetabular edge	0	0		
Femoral head/neck exostosis	0	0	The current five year breed average for the Golden Retriever is 10.95 and the median is 8.00.	
Femoral head re-contouring	0	0		
Total	3	7	Total Score	10

Elbow Joint	Mm of change	Grade	UAP	Comment
Right elbow	1	1	No	
Left elbow	1	1	No	

Payment Details Electronic Transfer: Account Name: Lavelles Diagnostic Imaging – BSB 063 541 Account No: 10608568 [] or Cheque []. Results available when payment received.

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K.	B. ha	uelle.

Dr Roger B Lavelle MA Vet MB MRCVS DVR FANZCVS FAVA

DISCLAIMER OF LIABILITY - No liability will be accepted for any circumstances of eye conditions not mentioned in this report which manifests after the date of this report. DISCLAIMER OF LIABILITY TO THIRD PARTIES – This report is made solely for the use and benefit of the owner named herein and no liability or responsibility whatsoever is accepted for any third party who may rely upon this report wholly or in part. Any third party acting or relying on this report wholly or in part does so at their own risk. ** Indicates elbows were not examined.

GENETIC ANALYSIS REPORT



OWNER'S DETAILS

Lauren Elgie 35 WALLAROO CIRCUIT NORTH LAKES BRISBANE Queensland 4509 Australia

COLLECTION DETAILS

Case Number	:	19B31260
Collected By	:	10th Jul 2019
Approved Collection	:	NO

ANIMAL'S DETAILS

Registered Name	:	
Pet Name	:	BILLIE "RUMP GIRL"
Registration Number	:	
Breed	:	Golden Retriever
Microchip Number	:	
Sex	:	Intact Female
Date of Birth	:	14th May 2019
Colour	:	GOLD

Sample with Lab ID Number 19B31260 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:

GENETIC ANALYSIS SUMMARY

¹Please Note: This is a summary disease and trait report. To view more details on each test, including a DNA profile, please log in to your account and view the detailed single DNA report.

TESTS REPORTED

RESULT 1

 Nervous system / Neurologic - Associated with the brain, spinal cord and nerves

 DEGENERATIVE MYELOPATHY
 NEGATIVE / CLEAR [NO VARIANT DETECTED]

Dermatologic - Associated with the skin DYSTROPHIC EPIDERMOLYSIS BULLOSA (GOLDEN RETRIEVER TYPE) ICHTHYOSIS A (GOLDEN RETRIEVER)

NEGATIVE / CLEAR [NO VARIANT DETECTED]

CARRIER [ONE COPY OF THE VARIANT DETECTED]

D]
D]
D]

 Musculoskeletal - Associated with muscles, bones and associated structures

 OSTEOGENESIS IMPERFECTA (GOLDEN RETRIEVER TYPE)
 NEGATIVE / CLEAR [NO VARIANT DETECTED]

 SKELETAL DYSPLASIA 2 (MILD DISPROPORTIONATE DWARFISM)
 NEGATIVE / CLEAR [NO VARIANT DETECTED]

Trait (Associated with Phenotype) A LOCUS (FAWN/SABLE;TRI/TAN POINTS) BROWN (345DELPRO) DELETION BROWN (GLNT331STOP) STOP CODON BROWN (SER41CYS) INSERTION CODON D (DILUTE) LOCUS

E LOCUS - (CREAM/RED/YELLOW)

EM (MC1R) LOCUS - MELANISTIC MASK

a^t/a - TRI COLOUR / TAN POINTS [CARRYING BICOLOUR GENE] BB^d - DOES NOT CARRY BROWN or CHOCOLATE (DELETION) BB^s - DOES NOT CARRY BROWN or CHOCOLATE (STOP CODON) BB^c - DOES NOT CARRY BROWN or CHOCOLATE (INSERTION) DD - NO COPY OF MLPH-D ALLELE (DILUTE) - PIGMENT IS NORMAL ee - DOG IS HOMOZYGOUS FOR NON-EXTENSION (WHITE/YELLOW/APRICOT/WHEATEN) Eⁿ/Eⁿ - NO MASKING (Eⁿ) EXTENSION ALLELE www.orivet.com

RESULTS REVIEWED & CONFIRMED BY:

enetic Dr. Noam Pik BVSc, BMVS, MBA, MACVS George Sofronidis BSc(Hons) **ORIVET INTERNATIONAL - USA** ORIVET GENETIC PET CARE **ORIVET INTERNATIONAL - JAPAN** Suite 102A/ 163 - 169 Inkerman Street, 20 Church Street, 3-6-2, Kumata, Higashisumiyoshi-ku, Hartford, CT 06103 Osaka-shi, Osaka 546-0002, Japan St Kilda 3182, Australia t +61 3 9534 1544 | f +61 3 9525 3550 t +844-4 ORIVET (Ext. 105) t 080 8312 41187 (Japan) e admin@orivet.com

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Authentication Code



EXPLANATION of RESULT TERMINOLOGY

The terms below are provided to help clarify certain results phrases on your genetic report. The phrases below are those as reported by Orivet and may vary from one laboratory to the other.

NEGATIVE / CLEAR [NO VARIANT DETECTED]

No presence of the variant (mutation) has been detected. The animal is clear of the disease and will not pass on any disease-causing mutation.

CARRIER [ONE COPY OF THE VARIANT DETECTED]

This is also referred to as HETEROZYGOUS. One copy of the normal gene and copy of the affected (mutant) gene has been detected. The animal will not exhibit disease symptoms or develop the disease. Consideration needs to be taken if breeding this animal - if breeding with another carrier or affected or unknown then it may produce an affected offspring.

POSITIVE / AT RISK [TWO COPIES OF THE VARIANT DETECTED]

Two copies of the disease gene variant (mutation) have been detected also referred to as HOMOZYGOUS for the variant. The animal may show symptoms (affected) associated with the disease. Appropriate treatment should be pursued by consulting a Veterinarian.

POSITIVE HETEROZYGOUS [ONE COPY OF THE DOMINANT VARIANT DETECTED]

Also referred to as POSITIVE ONE COPY or POSITIVE HETEROZYGOUS. This result is associated with a disease that has a dominant mode of inheritance. One copy of the normal gene (wild type) and affected (mutant) gene is present. Appropriate treatment should be pursued by consulting a Veterinarian. This result can still be used to produce a clear offspring.

POSITIVE HOMOZYGOUS [TWO COPIES OF THE DOMINANT VARIANT DETECTED]

Also referred to as POSITIVE HOMOZYGOUS. Two copies of the disease gene variant (mutant) have been detected and the animal may show symptoms associated with the disease. Please Note: This disease has dominant mode of inheritance so if mated to a clear animal ALL offspring with be AFFECTED – HETEROZYGOUS ONE COPY.

NORMAL BY PARENTAGE HISTORY

The sample submitted has had its parentage verified by DNA. By interrogating the DNA profiles of the Dam, Sire and Offspring this information together with the history submitted for the parents excludes this animal from having this disease. The controls run confirm that the dog is NORMAL for the disease requested.

NORMAL BY PEDIGREE

The sample submitted has had its parentage verified by Pedigree. The pedigree has been provided and details (genetic testing reports) of the parents have been included. Parentage could not be determined via DNA profile as no sample was submitted.

NO RESULTS AVAILABLE

Insufficient information has been provided to provide a result for this test. Sire and Dam information and/or sample may be required. This result is mostly associated with tests that have a patent/license and therefore certain restrictions apply. Please contact the laboratory to discuss.

INDETERMINABLE

The sample submitted has failed to give a conclusive result. This result is mainly due to the sample failing to "cluster" or result in the current grouping. A recollection is required at no charge.

DNA PROFILE

Also known as a DNA fingerprint. This is unique for the animal. No animal shares the same DNA profile. An individual's DNA profile is inherited from both parents and can be used for verifying parentage (pedigrees). This profile contains no disease or trait information and is simply a unique DNA signature for that animal.

PARENTAGE VERIFICATION

QUALIFIES/CONFIRMED or DOES NOT QUALIFY/EXCLUDED

Parentage is determined by examining the markers on the DNA profile. A result is generated and stated for all DNA parentage requests. Parentage confirmation reports can only be generated if a DNA profile has been carried out for Dam, Offspring and possible Sire/s.

PENDING

Results for this test are still being processed. Some tests are run independently and are reported at a later date. When completed, the result will be emailed.

APPROVED COLLECTION METHOD (NO)

The sample submitted for testing HAS NOT met the requirements recommended by member bodies for the DNA collection process.

TRAIT (PHENOTYPE)

A feature that an animal is born with (a genetically determined characteristic). Traits are a visual phenotype that range from colour to hair length, and also includes certain features such as tail length. If an individual is AFFECTED for a trait then it will show that characteristic eg. AFFECTED for the B (Brown) Locus or bb will be brown/chocolate.

POSITIVE – SHOWING THE PHENOTYPE

The animal is showing the trait or phenotype tested.

CLARIFICATION OF GENETIC TESTING

The goal of genetic testing is to provide breeders with relevant information to improve breeding practices in the interest of animal health. However, genetic inheritance is not a simple process, and may be complicated by several factors. Below is some information to help clarify these factors.

1) Some diseases may demonstrate signs of what Geneticists call "genetic heterogeneity". This is a term to describe an apparently single condition that may be caused by more than one mutation and/or gene.

2) It is possible that there exists more than one disease that presents in a similar fashion and segregates in a single breed. These conditions - although phenotypically similar - may be caused by separate mutations and/or genes.

3) It is possible that the disease affecting your breed may be what Geneticists call an "oligogenic disease". This is a term to describe the existence of additional genes that may modify the action of a dominant gene associated with a disease. These modifier genes may for example give rise to a variable age of onset for a particular condition, or affect the penetrance of a particular mutation such that some animals may never develop the condition.

The range of hereditary diseases continues to increase and we see some that are relatively benign and others that can cause severe and/or fatal disease. Diagnosis of any disease should be based on pedigree history, clinical signs, history (incidence) of the disease and the specific genetic test for the disease.

Penetrance of a disease will always vary not only from breed to breed but within a breed, and will vary with different diseases. Factors that influence penetrance are genetics, nutrition and environment. Although genetic testing should be a priority for breeders, we strongly recommend that temperament and phenotype also be considered when breeding.

Orivet Genetic Pet Care aims to frequently update breeders with the latest research from the scientific literature. If breeders have any questions regarding a particular condition, please contact us on (03) 9534 1544 or admin@orivet.com and we will be happy to work with you to answer any relevant questions.