



**AMERICAN  
KENNEL CLUB®**



8051 Arco Corporate Drive  
Suite 100  
Raleigh, NC 27617-3390  
www.akc.org

January 19, 2021

DEAR GARRETT MILLER,

Congratulations on your new Golden Retriever and welcome to the world of purebred dogs. Your AKC registration dollars support numerous AKC efforts to benefit dogs and dog owners. By registering your dog with the AKC, you supported valuable programs such as Pet Disaster Relief, the AKC Canine Health Foundation, the AKC Kennel Inspection Program, public education, canine legislation, and DNA parentage verification.

AKC registration provides wonderful opportunities for every purebred dog lover. The AKC Canine Good Citizen® program is an outstanding way to train your dog in basic obedience, valuable for every family. In addition, many dog owners enjoy the thrill of participating in AKC activities, shows and trials throughout the country. I invite you and your dog to get involved with the AKC!

Your registration also includes exclusive health benefits to help keep your new dog safe and healthy. Your dog is eligible for 30 days of pet health insurance included with your registration at no additional cost. This coverage reimburses for veterinary expenses due to unexpected accidents and illnesses. It also includes access to a 24/7 Vet Helpline. Activation of coverage is required in most states. For more information or to activate your policy, visit [www.akcpetinsurance.com/certificate](http://www.akcpetinsurance.com/certificate) or call 866-725-2747.‡

Please note, if you ordered multiple items at the time of registration, they will be mailed separately and should arrive shortly. These include the AKC Certified Pedigree, the Dog Care and Training video, *Family Dog* magazine, and the AKC collar tag. If you did not order a Pedigree, you still have the opportunity to do so. An order form is provided on the back of this letter.

All of us want to be responsible dog owners. To help, the AKC offers a wealth of information at [www.akc.org](http://www.akc.org). Our site lists national and local dog clubs and AKC Canine Good Citizen® evaluators. Please visit us online and on Facebook and Twitter. If we can be of further service to you, please contact us by phone at 919-233-9767 or by email at [info@akc.org](mailto:info@akc.org).

Sincerely,

Dennis B. Sprung  
President and Chief Executive Officer

‡ Insurance is underwritten and issued by Independence American Insurance Company, rated A- (Excellent) by AM Best Company, with offices at 485 Madison Ave, NY, NY 10022 and in WA, by American Pet Insurance Company, 6100 4th Ave. S., Seattle, WA 98108. Insurance plans are offered and administered by PetPartners, Inc., a licensed agency. "American Kennel Club," "AKC" and the AKC logo are trademarks of The American Kennel Club, Inc.; used under license by PetPartners. "AKC Pet Insurance" is the name used by PetPartners to offer and administer insurance plans and is neither an American Kennel Club business nor an insurance company. American Kennel Club does not offer, administer, solicit, market or sell any insurance plans. For complete details refer to [www.akcpetinsurance.com/sample-policies](http://www.akcpetinsurance.com/sample-policies). Activation required for 30-day coverage to take effect. Eligibility restrictions apply. For more information, visit [www.akcpetinsurance.com/certificate](http://www.akcpetinsurance.com/certificate) or call 866-725-2747.

Please separate below and keep for your records.

**AMERICAN KENNEL CLUB**

NAME  
HOLIDAY RUBY

BREED  
GOLDEN RETRIEVER

COLOR  
GOLDEN

SIRE  
ARCHER IX  
SS00726906 05-19

DAM  
TESLA HAWKINS  
SR97522305 05-19

BREEDER  
BRYON HAWKINS

OWNER

NUMBER  
SS21658401

SEX  
FEMALE

DATE OF BIRTH  
OCTOBER 10, 2020



**AMERICAN  
KENNEL CLUB®**

CERTIFICATE ISSUED  
JANUARY 19, 2021

*This certificate invalidates all previous certificates issued.*

If a date appears after the name and number of the sire and dam, it indicates the issue of the Stud Book Register in which the sire or dam is published.

**For Transfer Instructions, see back of Certificate.**

*This Certificate issued with the right to correct or revoke by the American Kennel Club.*

**REGISTRATION CERTIFICATE**



\*For best printing results please use Chrome or IE.  
Doctor's Copy

### PennHIP Report

Referring Veterinarian: Dr Mark Powell Email: powellvs1@what-wire.com	Clinic Name: Powell Veterinary Service Clinic Address: 25505 County Road 53 Kersey, CO 80644 Phone: (970) 352-9164 Fax: (970) 346-8115
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### Patient Information

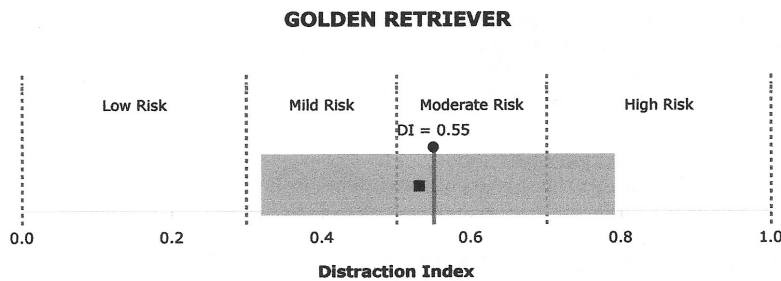
Client: Miller, Garrett Patient Name: Ruby Reg. Name: PennHIP Num: 178698 Species: Canine Date of Birth: 10 Oct 2020 Sex: Female Date of Study: 26 Aug 2022 Date of Report: 08 Sep 2022	Tattoo Num: Patient ID: 900079000831824 Registration Num: Microchip Num: 900079000831824 Breed: GOLDEN RETRIEVER Age: 22 months Weight: 79.6 lbs/36.1 kgs Date Submitted: 07 Sep 2022
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### Findings

Distraction Index (DI): Right DI = 0.41, Left DI = 0.55. Osteoarthritis (OA): <b>No radiographic evidence of OA on the right hip, evidence of MODERATE OA on the left hip.</b> Cavitation/Other Findings: No cavitation present.
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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 0.55.  
OA Risk Category: The DI is between 0.50 and 0.69. This patient is at moderate risk for hip OA.  
Distraction Index Chart:



**BREED STATISTICS:** This interpretation is based on a cross-section of 24700 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 (0.55).

**SUMMARY:** The degree of laxity (DI = 0.55) falls within the central 90% range of DIs for the breed. This amount of hip laxity places the hip at a moderate risk to develop hip OA. Radiographic evidence for OA was found on one or both hips (see findings) confirming the diagnosis of Hip Dysplasia. **No radiographic evidence of OA on the right hip, evidence of**

**MODERATE OA on the left hip.**

**INTERPRETATION AND RECOMMENDATIONS:** Moderate OA/Moderate Risk: This dog has radiographic evidence of hip OA. Of dogs having Moderate Risk for OA 70% develop it between 1 and 10 years of age. Since OA is progressive dogs that express it early, usually develop advanced stages of OA earlier in life. With OA progression it is increasingly likely that clinical signs will be observed (pain, lameness, stiffness). Other factors that may affect the timing of OA onset, and the rate of progression are DI, age, body weight, breed, and activity levels. **Recommendations:** Evidence-based strategies to lower the risk of dogs getting OA or to treat those having OA fall into 5 modalities.\* For detailed information, consult these documents.\* Use any or all of these modalities as needed:

- 1) For acute or chronic pain prescribe NSAID PO short or long term. Amantadine can be added if you suspect a neuropathic component or if the response is marginal.
- 2) Optimize body weight, keep lean, at BCS= 5/9.
- 3) Prescribe therapeutic exercise at intensities that do not precipitate lameness.
- 4) Administer polysulfated glycosaminoglycans IM or SQ, so-called DMOAD.
- 5) Feed an EPA-rich prescription diet preventatively for dogs at risk for OA or therapeutically for dogs already showing radiographic signs of OA.

At the present time there is inadequate evidence to confidently recommend any of the many other remedies to prevent or treat OA. Studies are in progress. Consider repeating radiographs at periodic intervals to determine the rate of OA progression and adjust treatment accordingly. Older dogs may show clinical signs such as chronic pain, reluctance to go stairs or jump onto the bed, and stiffness particularly after resting. It is unlikely that end-stage hip disease will develop for dogs at this risk level so surgical therapy for the pain of hip OA would rarely be indicated.

**Breeding Recommendations:** Radiographic evidence of hip OA confirms a diagnosis of hip dysplasia and the dog is not recommended for breeding. Consult the PennHIP Manual for more breeder information.

\* From WSAVA Global Pain Council Guidelines and the 2015 AAHA/AAFP Pain Management Guidelines

**COMMENTS:**

We appreciate that you submitted this case in keeping with PennHIP's Mandatory Submission rule. Hips with osteoarthritis (OA) are just as important to the PennHIP database as hips without OA. The PennHIP database has clinical value because it contains a true representation of the full range of phenotypes, including hips with severe laxity, with or without OA, and hips with all degrees of OA: Mild, Moderate, and Severe. Other hip scoring systems allow it to be optional for the vet and owner to submit hips exhibiting OA, thereby biasing their databases toward good hips only. Thank you for adhering to this important PennHIP principle.