

# ATFTC Health Chair Notes

Month: Sept 2024

Chairperson: *Amanda Halsey*

1) Emailed Embark and Paw Print Genetics on 8/15/2024 about population data.

Paw Print Genetics Lab emailed back the same day with the following results for their breed panel:

- **Congenital Hypothyroidism with Goiter (Terrier Type)**
  - **382 dogs tested for this condition**
  - 314 AA (82.20%) - clear
  - 68 AB (17.80%) - carrier
  - 0 BB (0%) - affected
- **Degenerative Myelopathy (Common Variant)**
  - **279 dogs tested for this condition**
  - 279 AA (100%) - clear
  - 0 AB (0%) - carrier
  - 0 BB (0%) - affected
- **Primary Lens Luxation**
  - **318 dogs tested for this condition**
  - 288 AA (90.57%) - clear
  - 30 AB (9.43%) - carrier
  - 0 BB (0%) - affected
- **Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration**
  - **69 dogs tested for this condition**
  - 63 AA (91.30%) - clear
  - 6 AB (8.7%) - carrier
  - 0 BB (0%) - affected
- **Spinocerebellar Ataxia (Terrier Type)**
  - **361 dogs tested for this condition**
  - 305 AA (84.49%) - clear
  - 53 AB (14.68%) - carrier
  - 3 BB (0.83%) - affected

Embark said they would create an account/file and follow up, but they did not.

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Additional Information: With the above info from Paw Print Genetics, should we add additional tests or deleted any from the information below: (see next page)  
(SCA was added during the August Board Meeting and should be updated on OFA's website soon).

**Current OFA requirements for CHIC:**

| Screening                          | Testing options                                                                                               |
|------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Patellar Luxation                  | Veterinary Evaluation of Patellar Luxation. Results registered with OFA.                                      |
| Primary Lens Luxation              | DNA based PLL test results from an approved lab                                                               |
| Congenital Hypothyroidism w/Goiter | CONGENITAL HYPOTHROIDISM W/ GOITER DNA Test from an approved lab                                              |
| Legg-Calve-Perthes                 | <i>(Optional but recommended)</i><br>Legg-Calves-Perthes<br>OFA Legg-Calve-Perthes Radiographic Evaluation    |
| von Willebrand's Disease           | <i>(Optional but recommended)</i><br>DNA-based vWD test from an approved lab; results registered with the OFA |

**Recommendations:**

With these results (from PPG on previous page), it seems like we should be more concerned with Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration than we should with Degenerative Myelopathy at this time.

~0% carriers or affected with DM

~8.7% carriers with PRA

- We could watch this over the next year or so and revisit it, or we could act sooner.
- I also feel it would be a GREAT IDEA to post these testing results from PPG in the ATFTC newsletter.