**Background**
- Systemic fungal infections such as Aspergillosis are rare in animals with a competent immune system; however, certain dog breeds (namely the German shepherd, Rhodesian ridgeback and Hungarian Vizsla) are reported to have a higher risk of this uncommon disease. We aim to examine Vizslas with Aspergillus spp. infections to understand why this breed is overrepresented for having this infection.

**Participation Requirements**
- Vizslas with systemic Aspergillus spp. infections

**Procedures**
- Collection and submission of a blood sample for DNA extraction

**Referring Veterinarian Responsibilities**
- Collection and submission of a blood sample along with medical records

**Benefits**
- Results from this study will hopefully lead to the development of DNA tests that would identify dogs at risk for developing systemic aspergillosis. These tests would help simplify the diagnosis of the disease by identifying at risk individuals and allow breeders to avoid producing affected dogs.
- If the genetic traits responsible for this disease in dogs are shared with human patients, precision medicine can be used to help develop targeted therapies to treat this life-threatening disease.

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