**Background**

- Squamous cell carcinoma is one of the most common forms of cancer to affect the eye, specifically where the clear cornea meets the white of the eye, or the “limbus”. This type of eye cancer affects Haflingers more than other breeds, so the objective of this study is to determine the role genetics plays in limbal squamous cell carcinoma (LSCC) in Haflinger horses.

**Participation Requirements**

- Haflinger horses with confirmed LSCC (confirmed by pathology), or horses that have never been diagnosed with LSCC and are at least 13 years old.
- Horses that are suspicious for LSCC are invited to participate, but confirmation would be required prior to inclusion in the study.

**Procedures**

- Discussion of the horse’s medical history and documentation on known pedigree information
- Examination of the horse’s eyes by a veterinary ophthalmologist
- Photography of the horse to document coat color and any abnormalities found in the eyes
- Collection of hair samples from the horse’s mane.
- Follow up phone calls or emails may be necessary

**Owner Responsibilities**

- Covering any costs associated with injuries while participating in this trial and any costs associated with follow-up of your animal at the VMTH for assessment

**Benefits**

- The study will cover the costs associated with eye examination and mane pulling.
- Results from this study could reduce the incidence of this common eye cancer in Haflingers and other affected breeds as well as better predict the risk of developing disease for earlier diagnosis and treatment.
- This information may also help breeders make informed mating decisions.

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**Current Veterinary Clinical Trials**

**SQUAMOUS CELL CARCINOMA IN HAFLINGER HORSES**

- **Principal Investigator**
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