

# New England Horse Labs

Dedicated testing for equine veterinarians and stables

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## PATHOLOGY REPORT

DATE: 1/21/13  
PATHOLOGY #: N13-003  
DOCTOR / HOSPITAL: Joe Doe, DVM  
OWNER'S NAME: Smith  
PET'S NAME: Kate  
Species / Age / Sex: Equine /Belg./20/F

### History:

Proliferative, friable mass, limbus, right eye

### Microscopic Description:

Examination of the proliferative friable mass on the limbus of the right eye reveals a good collection of keratinized debris growing outwardly. This is extensive. Deep in the tissue is a proliferation of epithelial cells that are characteristic squamous epithelial cells with an irregular pattern of growth of these cells. This proliferative process is growing irregularly.

### Diagnosis:

**SQUAMOUS CELL CARCINOMA WITH MARKED KERATINIZATION OF THE SURFACE**

### Comments:

This is almost a cutaneous horn of this keratinized debris with inflammation occurring secondarily. The squamous cell carcinoma is deep in this tissue. Tumor cells are extending to the margins.

J. D. Star  
Veterinary Pathologist, New England Horse Labs  
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