

# Junctional Epidermolysis Bullosa (JEB)



## What is junctional epidermolysis bullosa (JEB)?

- Inherited skin disorder
- Skin lesions develop at pressure points and progress over time.
- Affected foals are susceptible to severe infections and die or are euthanized within a few days of birth.
- The JEB1 mutation has been identified in Belgian Draft Horses and related breeds.
- The JEB2 mutation has been identified in American Saddlebreds.

## What you can do to keep your horse healthy:

- Perform DNA testing of sires and dams prior to breeding to avoid producing affected offspring.

### Signs

Skin blisters  
Lesions at pressure points (joints)  
Secondary infections  
Sloughing of the hoof  
Oral ulcers

### Transmission

Autosomal recessive  
mode of inheritance

### Treatment

None

*\*If your horse needs medical care, contact the Large Animal Clinic at (530) 752-1393.*



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