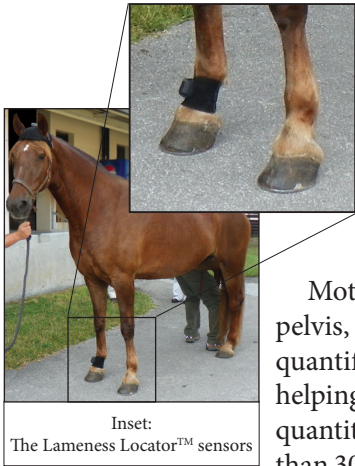


University of Florida Lameness Locator™ for the Horse



Inset:
The Lameness Locator™ sensors

What is the Lameness Locator™?

The Lameness Locator™ is a wireless motion analysis system that uses sensors to detect asymmetries in gait that may not be seen by the human eye.

How does the Lameness Locator™ work?

Motion sensors are placed on the horse's poll, pastern and pelvis, and are wirelessly tracked by a portable computer. The quantifiable data is transmitted to the computer instantly, helping pinpoint subtle, difficult or multiple lamenesses and quantitate lameness of all varieties. The sensors weigh less than 30 grams each and do not affect the lameness evaluation.

The data from the sensors can show the location (limb(s)) of asymmetry in the gait, the severity of the lameness, and at what stance in the gait the lameness appears.

When is the Lameness Locator™ helpful?

The Lameness Locator™ is a unique diagnostic tool that aids in the diagnosis of lameness. It may be used throughout the lameness examination and aids your veterinarian in localizing a lameness issue for complete diagnosis and appropriate treatment.

Lameness Locator™

- The Lameness Locator™ sensor data is based on algorithms developed by years of extensive motion analysis research.
- An examination that involves the Lameness Locator™ is done as part of a lameness examination, and a veterinarian familiar with the technology is necessary to accurately analyze the sensor data and correlate to routine lameness examination findings.

The Lameness Locator™ cannot diagnose a lameness problem on its own. It is used to aid in diagnosis of lameness in horses.



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