



Gait Lameness Analysis

The Lameness Center at Tennessee Equine Hospital continues to strive for excellence and would like to introduce an exciting addition to our lameness diagnostics and advanced treatment options. We have recently purchased a state-of-the-art computerized gait/lameness analysis system. This system utilizes three very small accelerometers which are mounted on the horse's poll, front limb and croup. The horse is then trotted/lunged and the data is streamed wirelessly and analyzed by a computer, interpreted by the veterinarian and used to detect subtle changes in the way your horse moves. This system is very valuable in monitoring the way a horse's movement changes throughout the competitive season as a result of the repetitive stress that training and competing places on your horses' body. It is also very useful for evaluating multiple leg lameness and excels in uncovering the source of performance issues which may not be detectable by the human eye. This new computerized gait analysis system will be a valuable tool in the arsenal of our sports medicine team.

This computerized gait analysis system joins a complete array of advanced diagnostic equipment at TN Equine Hospital including high field MRI, nuclear scintigraphy (bone scan), digital radiography and digital ultrasonography, which may be utilized to "get to the bottom" of your horse's performance problems and used to ensure that they continue to reach their full potential. We have multiple footing surfaces at TN Equine Hospital on which horses are examined, including a covered arena where horses can be observed under saddle and a deep sand ring that will often highlight soft tissue injuries.

Of course, even the most advanced tools are useless unless combined with a qualified eye for lameness. At The Lameness Center at TEH, we have veterinarians trained & experienced in the art of maintaining and optimizing the performance of your horse. In the past year, members of our lameness team have presented seminars and published papers describing novel treatments in lameness and surgery at conferences across the United States and in several major veterinary journals. This unique combination of experienced performance horse veterinarians and world class diagnostic/treatment equipment positions The Lameness Center at TEH as one of the most progressive and cutting edge facilities for equine sports medicine in the Southeastern U.S.

We are committed to assisting you and your horse to reach your full potential. We are currently offering a 50% discount (a \$325 savings!) on our Performance Horse Package to anyone mentioning that they read this article when the initial assessment appointment is scheduled in February or March as a way to demonstrate the value of our in-depth soundness program. The Performance Package includes 2 computerized gait analysis evaluations (we recommend doing one early in the season and one in mid-season to detect subtle changes in your horse to optimize their performance and prevent season ending injuries), two thorough soundness evaluations including joint flexions by one of our performance horse veterinarians, and a set of hock or stifle radiographs. We have found that the best way to treat a problem is to prevent one in the first place.

At The Lameness Center at TN Equine Hospital we hope to serve as a valuable resource and integral part of your performance horse team. You can schedule your Performance Package assessment by visiting our website at [HYPERLINK "http://www.tnequinehospital.com"](http://www.tnequinehospital.com) www.tnequinehospital.com or by calling 615-591-1232 and asking to speak to one of our sports medicine team veterinarians.