



**EquiMoves**



## Contact

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EquiMoves was developed by Utrecht University, Rosmark and Inertia Technology.



Utrecht University



# Equine gait analysis

Mobile technology for vets

## About EquiMoves

*EquiMoves is an accurate and user-friendly equine gait analysis system developed by a passionate team of researchers, vets and engineers. It relies on versatile wireless sensors that allow detailed and precise analysis of the horse in motion. EquiMoves is scientifically validated as a reliable tool to be used for lameness exams, pre-purchase exams, as well as routine monitoring of sport horses.*

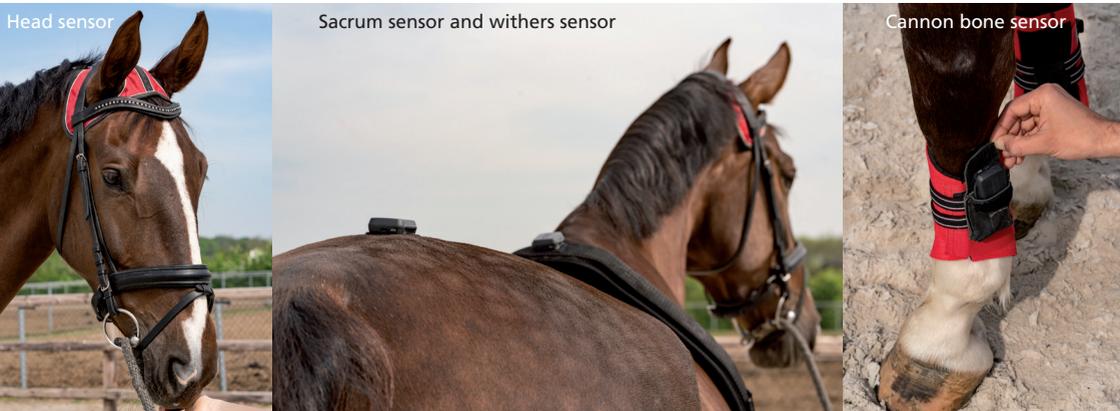
EquiMoves provides high-end tools that can be used in a wide variety of settings for equine gait analysis. The core technology is based on wireless inertial sensors that calculate relevant gait parameters. These sensors are mounted on the head, withers, sacrum and cannon bones of the horse. EquiMoves has been used very successfully for research purposes by Utrecht University and several other universities around the world. EquiMoves has now expanded this technology to the clinical setting bringing objective gait analysis and lameness assessment to a completely new level.

## Objective Lameness Assessment

With our own tailor-made gait analysis tool, objective and quantitative lameness analysis is quick, easy and comprehensible. Research has shown that certain asymmetries in horse locomotion during trot are often related to lameness. EquiMoves quantifies these asymmetries in an easy and understandable way as an objective complement to your subjective evaluation. The system also provides stride-related information with the best accuracy and precision on the market. This enables you to capture movement that is impossible to detect with the human eye. The graphical interface is designed to show asymmetries in a variety of ways, ranging from an easy overview to in depth stride by stride information. It also offers quick and easy comparisons of measurements and the ability to produce reports at the touch of a button, making it the device for objective lameness assessment.

## Why EquiMoves

The primary use of the horse as a sport or leisure animal is dependent on the capacity of its locomotor system. Disorders of that system almost invariably become clinically manifest as lameness and are one of the main reasons for equine veterinary consultation. In fact, on average equine vets spend most of their working time on lameness examinations.



EquiMoves

Start measurement

Horse: Grace Kelly

Devices	Connected	Battery
Gateway	✓	
Head sensor	✓	60%
Withers sensor	✓	63%
Sacrum sensor	✓	60%
Left front leg sensor	✓	26%
Right front leg sensor	✓	48%
Left hind leg sensor	✓	26%
Right hind leg sensor	✓	26%

Examination purpose: Select the purpose

Examination type: Select the type

