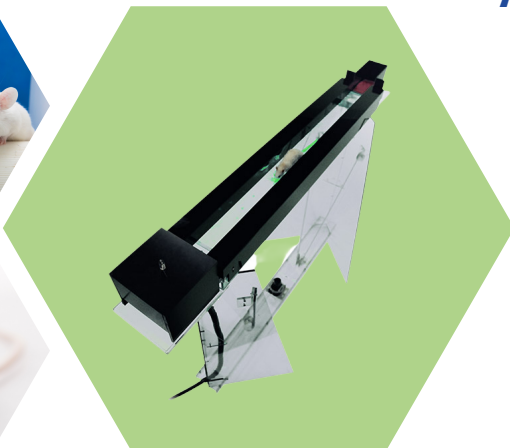
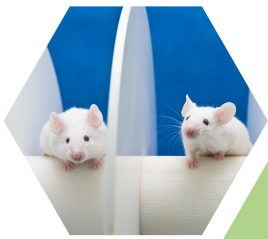


GAITLAB

QUANTITATIVE GAIT ANALYSIS SYSTEM FOR RODENTS



Automated Gait analysis



Digital Footprint

Automatic Footprint classification and Individual paw illumination



Motivation Box

Non-intrusive Motivation Consistent runway crossing to shelter



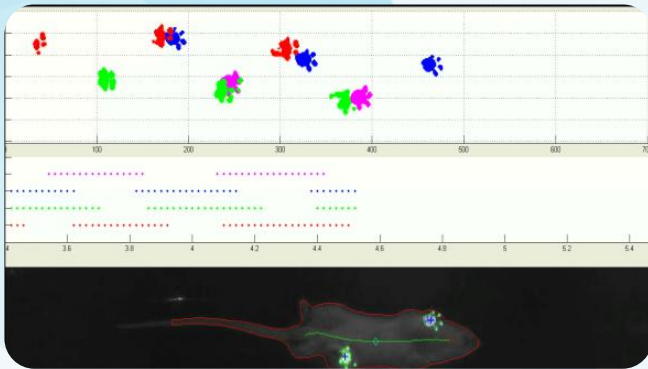
Total Control

Controlled and repeatable conditions.
Automated runway cleanliness status and trial validation

High throughput Monitoring

Gait Lab is a state of the art automated quantitative rodent gait analysis solution designed by ViewPoint. The Gait Lab turnkey system allows evaluation of many locomotor defects conditions, such as those occurring in Parkinson's disease, Spinal Cord Injury, Alzheimer's disease, arthritis, pain diseases and others.

This system dramatically reduces the time spent analyzing, by calculating more than 20 different parameters, time based or on individual footprint analysis, providing advanced precise results unattainable by manual scoring.



Turnkey system

Once the rodent is placed on the walkway, the camera starts recording the experiment. Each footprint is then automatically analyzed and classified by the Gait Lab software.

Once a significant number of animals has been through the system, it will provide you a comprehensive graphical comparison between groups of animals. Spreadsheet results are also available for static and dynamic parameters.

Some of the available calculations:

- Animal speed
- Footprint area
- Stride length and frequency
- Stance time, swing time
- Individual paw length and width
- Fore lag, pair lag, hind lag
- Number of contacts per paw



Easy analysis!

Gait Lab has been designed with easy of use in mind. Recording the gait of 10 animals only requires few minutes.

- Save your time and get accurate results.
- Clear results provided that can be used as is.
- Reliable imaging over time: high resolution analysis and recording.
- Real time trial validation. If a trial is not suitable for scoring, you are notified to re-run the animal right away.
- Immediate validation and continuous count of the valid trials (based on several criteria such as speed).
- Easy access to the animal and cleaning (no roof).
- Index of cleanliness of the walkway to allow pressure interpretation of each footfall.

PROVIDED SERVICES

Update

All updates are compatible. You can constantly improve your research.

Training

Provided with an on-site training. All the users will know how to get the best from our solution.

Remote support

Constant remote support available. We can quickly provide assistance, diagnose, and fix any issue.

Worldwide coverage

Worldwide offices. From protocol setup to assistance or maintenance, you are not alone.