

OPTOGAIT

OptoGait is an innovative system for movement analysis and functional assessment of patients with normal or pathological conditions. OptoGait makes it possible to assess, identify, develop, prevent, report and compare pre-and post-injury assessments with a series of tests that can be viewed immediately for real-time gait analysis.

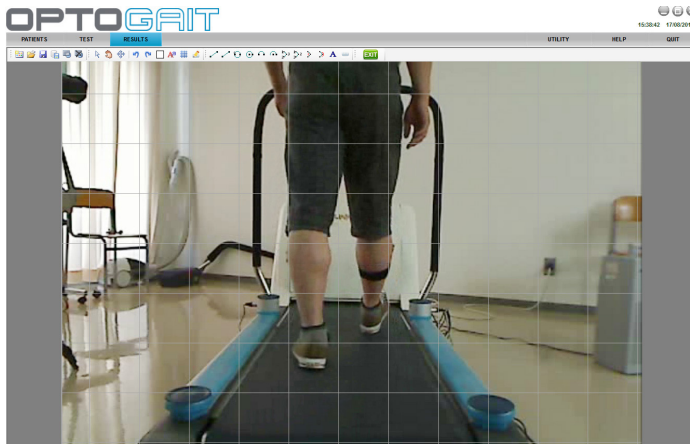
The OptoGait system is extremely versatile, portable and it can be used on a treadmill or over ground and sets up in minutes.

OPTOGAIT ALLOWS USERS TO:

- ASSESS objectively the patient's general physical conditions
- IDENTIFY deficiencies, postural problems and asymmetries on the basis of data and videos and determine how the patients' performance is being effected.
- DEVELOP & APPLY therapeutic-rehabilitation applications, rehab approaches and orthopedic solutions on the basis of precise data
- PREVENT - thanks to immediate assessment of numerical values - of relapses, complications and involutions of the pathological or post-accident condition due to wrong evaluations or diagnosis
- REPORT - Periodically verify the results and the efficacy of treatment
- MOTIVATE patients giving them tangible proof of improvement
- COMPARE post- and pre-accident values if available
- VERIFY, in a dynamic situation, the efficacy of arch supports, insoles or functional tapes

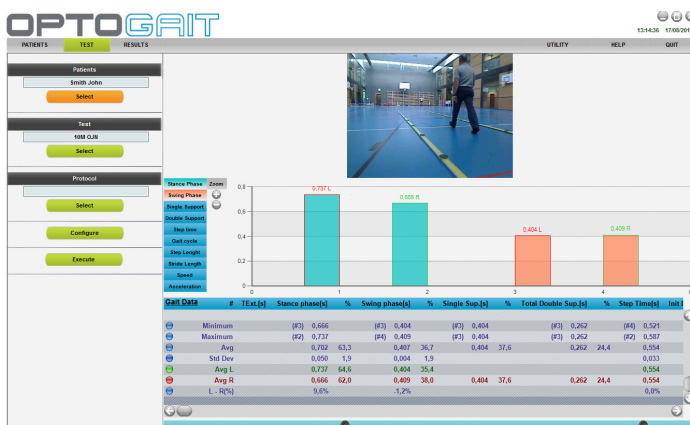


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INSTANT FEEDBACK

With the OptoGait's instant data feedback and video analysis coaches, practitioners and trainers can utilize measurable statistics and visual tools to quickly identify deficiencies & develop appropriate treatment plans. Ongoing assessments provide accurate monitoring of progress and help prevent injuries.



TESTING, RESULTS, ANALYSIS & REPORTS

- Predefined tests or create custom tests
- User receives three types of feedback in real time: numerical, graphical and video
- Images to data comparisons
- Frame by frame or still picture
- Ability to export all data
- Several reports including a summary ("Gait Report") that allows you to see asymmetries



INTEGRATED INFRARED & VIDEO ANALYSIS

- The OptoGait system utilizes precision optical measurements between two light bars to gather data.
- Dual video cameras sync with measurements to provide visual inspections that can be replayed
- The OptoGait system can be used with a virtual foot-switch sending analog output switch signals to EMG or other biomechanical analysis systems (output delay 300 ms)



EFFECTIVELY MEASURE GAIT CYCLE

- Stride & Step length
- Stance & Swing Phase
- Single & Double Support
- Contact & Flight Time

OPTOGAIT SYSTEM

- 2 OptoGait Skis (RX and TX)
- 2 battery cords (1 for each ski)
- 2 cameras, tripods and cable connections
- 2 year hardware warranty
- Carrying bag for storage & portability

FOR ADDITIONAL INFORMATION ABOUT THIS PRODUCT
VISIT WWW.WOODWAY.COM OR CALL 800.WOODWAY TO TALK TO A REPRESENTATIVE.