

PABLO[®] LOWER EXTREMITY

Always know where therapy is going

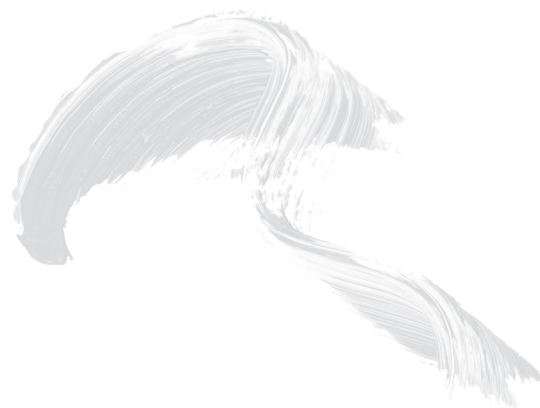
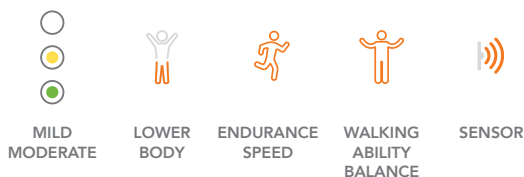
PABLO[®] Lower Extremity, our gait analysis and training system, precisely measures the parameters which are required for the selection of the most effective therapeutic measures for gait improvement. Simple and location-independent application as well as size-independent measurement makes the package complete. **Small device, great effect.**

Gait analysis for:

- 01 Detection of pathological gait parameters
- 02 Monitoring of therapy progress
- 03 Validation of therapy effectiveness
- 04 Validation of orthopedic technology

At a glance:

- 01 Gait assessment and training within one device
- 02 Objective measurement of pathological gait parameters
- 03 Easy integration into daily therapy
- 04 Quick and easy setup
- 05 Size-independent measurement (pediatric application)



PABLO GAIT ASSESSMENT

Personal data

Name: John Doe Birthdate: 10.06.1970
Sex: m

Admission data:

Date: 25.10.2018 Time: 11:35
Number of evaluated Steps: 14 Distance: 18,6 m
Test duration: 19 s Therapist:

Comment

Gait parameters:

Velocity: $4,23 \pm 0,25$ km/h

Cadence: 106,09 steps/minute

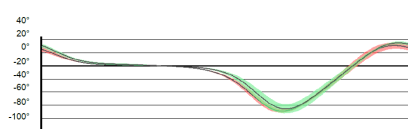
Stride length: $132,86 \pm 6,92$ cm

Gait cycle

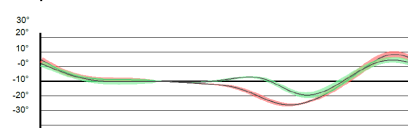
Measurement left	62,2%±1,4			
	13,9%±1,2	21,0%±1,4	7,4%±0,8	13,9%±1,0
Measurement right	64,0%±2,8			
	13,8%±0,7	19,2%±1,2	17%±1,0	14,0%±1,1
Norm	62,0% Stance			
	12,0% Loading Response	19,0% Mid Stance	19,0% Terminal Stance	12,0% Pre Swing
				38,0% Swing Phase

Diagram

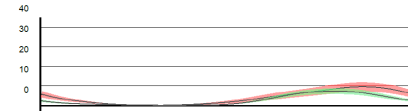
Angle Foot/Floor sagittal (degrees)



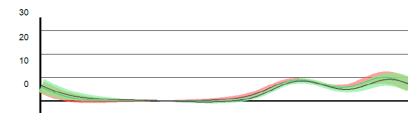
Angle Foot/Floor frontal (degrees)



Lateral deviation (cm)



Vertical lift (cm)



BASIC and ADVANCED report:

- 01 Velocity, cadence, stride length in traffic light presentation
- 02 Five gait phases according to Perry
- 03 Foot to floor angles in sagittal and frontal plane
- 04 Lateral deviation and vertical lift of the foot
- 05 Detailed listing of all parameter values

Therapy goals:



IMPROVE

- Gait pattern
- Objectivity of data



DECREASE

- Fall risk
- Monotony

