

BTS G-WALK

Wireless Digital
Gait Analysis System



BTS Bioengineering



Applications

Orthopaedics:

- to choose the most suitable movement aid (O&P applications)
- to evaluate pre- and post-surgery strategies

Neurology:

- for the definition of rehabilitation strategies and their follow-up
- for the evaluation of disease progression and the effectiveness of medications

Geriatrics:

- elderly people fall prevention
- periodical check-ups

ESSENTIAL

A new approach to functional movement analysis

The walk parameters are essential to assess orthopaedic and neurological patients.

BTS G-WALK allows all specialists to select the most effective treatment and monitor its results.

AGILE

Pocket wireless system based on inertial sensors

Placed on L5, BTS-GWALK allows to execute a functional analysis with objective, accurate and quantitative data. The sensor is placed around the waist with an ergonomic belt: the patient is totally free to walk, run and jump.



BTS G-WALK

POWERFUL



CLINICALLY

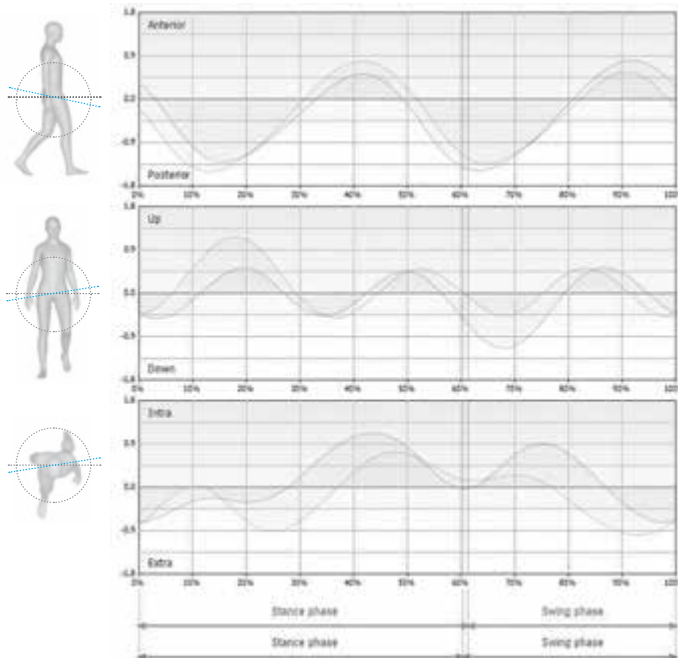
SMART

Quick and accurate assessment of motor impairments

With BTS G-WALK the clinician can obtain all the most important information: spatio-temporal parameters, general walking kinematics, pelvis kinematics.

Intuitive and easy to use

The actual test is very easy to perform and the resulting reports are automatically generated and supply immediate comparison with normal range results.



VERSATILE

VALIDATED

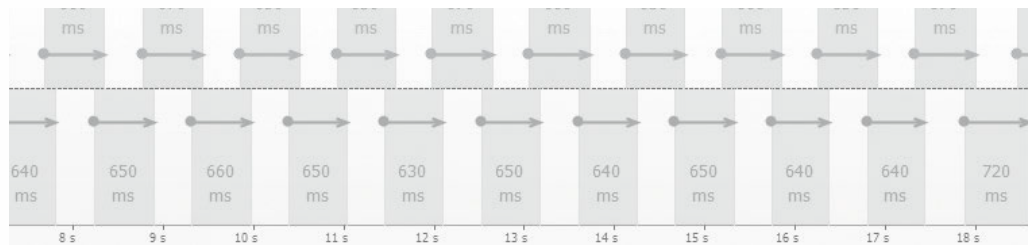
Accurate and reliable data

BTS G-WALK analyzes the walking pattern applying a suite of specific protocols, validated through clinical studies. The key indexes are the result of a 3-years-long study which have been validated by the most advanced clinical centers in the world.

Several analysis protocols available

BTS G-WALK software includes the protocols to execute several tests, that can be integrated in the patient clinical chart:

- Walk
- Timed UP and GO
- Turn Test
- 6 Minutes Walking Test
- Indoor Running
- Jumps



BTS G-WALK

The breakthrough analysis tool
for timely and accurate assessment
of dysfunctional gait



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BTS BIOENGINEERING CORP.
147 PRINCE STREET - SUITE 10
BROOKLYN NY 11201 USA
INFO/HELPDESK: +1 929 261 66 65

BTS S.P.A.
VIALE FORLANINI 40
20024 GARBAGNATE MILANESE MI ITALY
INFO: +39 02 366 490 00

WWW.BTSBIOENGINEERING.COM



G-WALK USA OFFICIAL DISTRIBUTOR
INNOVATIVE NEUROTRONICS, INC.
4999 AIRCENTER CIRCLE, SUITE 103
RENO, NV 89502 USA
INFO: +1 888.884.6462
EMAIL: G-WALK@ININC.US

WWW.ININC.US



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