



tyromotion

OMEGO[®] Plus

Adaptable and motivational
gait rehabilitation

TYROTHERAPY
GET BETTER.
EVERY DAY.

OMEGO[®] Plus

OMEGO[®] Plus impresses as a pioneering robotic lower extremity therapy device that revolutionizes the variability of movement therapy in case of limited lower limb function.

Why OMEGO[®] Plus?

- One device for gait therapy goals across all rehabilitation phases
- Multifunctional chair for goal-specific functional therapy
- Early rehabilitation
- Verticalization
- Easy and fast setup time maximizes effective therapy time
- Motivational training through gamification
- Reporting and assessments
- High adaptability to patient and therapeutic needs
- Isometric, eccentric and concentric training
- For the needs of neurological, orthopedic, geriatric and pediatric patients



MILD
MODERATE
SEVERE



LOWER
BODY



ENDURANCE
AND
STRENGTH



WALKING
ABILITY
AND
BALANCE



SENSOR



ROBOTIC



GAMIFI-
CATION

- ✓ ACTIVE
- ✓ PASSIVE
- ✓ ASSISTIVE

ALL TYROMOTION DEVICES ARE ENGINEERED,
DESIGNED, AND MANUFACTURED IN THE EU.



OMEGO[®] Plus

therapy

Functions

- Stepper
- Leg press
- Sensor training
- Cycling
- Assessments
- Gamification
- Ankle joint training
- Rhythm training

Even patients who usually are very difficult to motivate enjoy therapy with OMEGO[®] Plus.

NINA, PHYSICAL THERAPIST



Cardiorespiratory



Muscle strength



ROM & mobilization



Foot lifter



Proprioception



Symmetry



Rhythm and cadence



Verticalization

OMEGO® Plus IN PRACTICE



EARLY MOBILIZATION |
PASSIVE & ACTIVE ROM



ENDURANCE |
MUSCLE STRENGTH

The multifunctional
chair enables specific
training of functional
therapy goals.



Stepping



Leg press



Cycling



VERTICALIZATION | STEP INITIATION |
WEIGHT BEARING | TRUNK CONTROL

One device for gait therapy goals across all rehabilitation phases



REHABILITATION PHASES

4

Four goals of therapeutic gait rehabilitation:

One-of-a-kind OMEGO® Plus



Walking ability



Walking distance



Walking speed



Balance

TYROTHERAPY LOWER EXTREMITY

TyroS

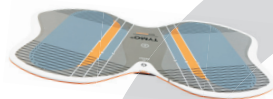
TyroS has been developed with therapists. It supports the OMEGO® Plus system with various interactive therapeutic games matching pace and goals

of rehabilitation. Based on motor learning principles, sessions can be individually tailored to the patient's status.

- Motivational therapeutic gaming environment
- Automated generation of reports for documentation
- One software to control all of Tyromotion's devices
- Comprehensive patient view across devices (optional TyroServer)
- Intuitive and easy to learn

The therapy with OMEGO® Plus was very motivating and fun. I already gained more strength in my left knee.

FRANZ, STROKE PATIENT



TYMO®
BALANCE TRAINING AND
POSTURAL CONTROL



LEXO®
GAIT AND LOCOMOTION
Available soon

tyroS
THE SOFTWARE

SENSORS



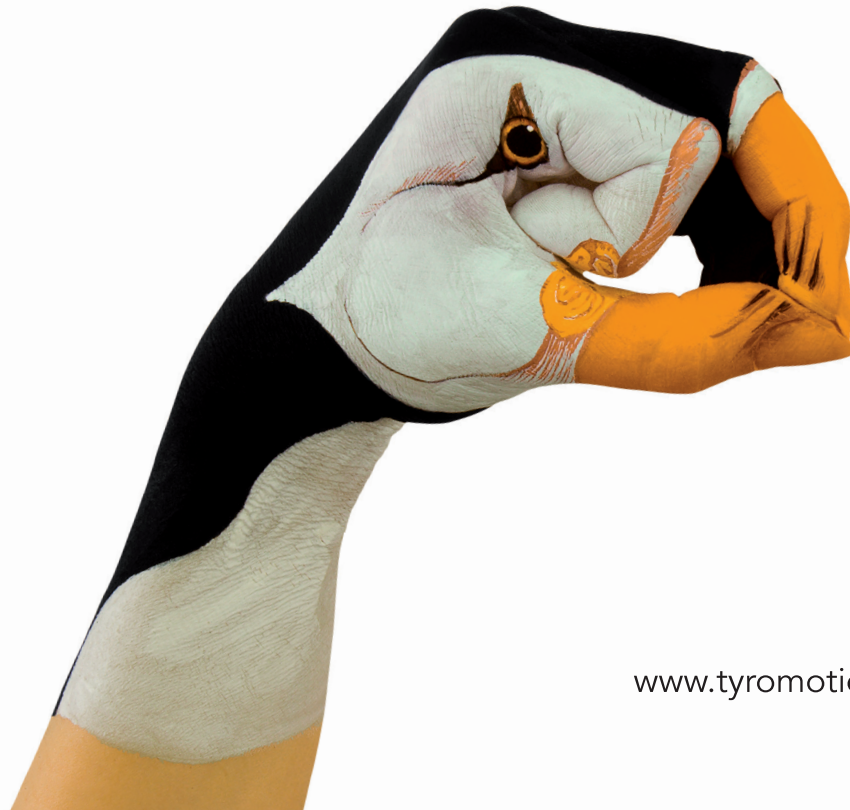
PABLO®
LOWER EXTREMITY
GAIT ANALYSIS AND TRAINING

ROBOTICS



OMEGO® Plus
GAIT TRAINING FOR THE
GOALS ACROSS ALL PHASES

tyromotion



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