



***tyromotion***

# OMEGO<sup>®</sup> Plus

Adaptable and motivational  
gait rehabilitation

**TYROTHERAPY**  
GET BETTER.  
EVERY DAY.

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# OMEGO<sup>®</sup> Plus

OMEGO<sup>®</sup> 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<sup>®</sup> 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

							<input checked="" type="checkbox"/> ACTIVE
MILD MODERATE SEVERE	LOWER BODY	ENDURANCE AND STRENGTH	WALKING ABILITY AND BALANCE	SENSOR	ROBOTIC	GAMI- FICATION	<input checked="" type="checkbox"/> PASSIVE
							<input checked="" type="checkbox"/> ASSISTIVE



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

# OMEGO<sup>®</sup> Plus therapy

## Functions

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

- Cardiorespiratory
- Muscle strength
- ROM & mobilization
- Foot lifter
- Proprioception
- Symmetry
- Rhythm and cadence
- Verticalization

Even patients who usually are very difficult to motivate enjoy therapy with OMEGO<sup>®</sup> Plus.

NINA, PHYSICAL THERAPIST

# 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



# 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

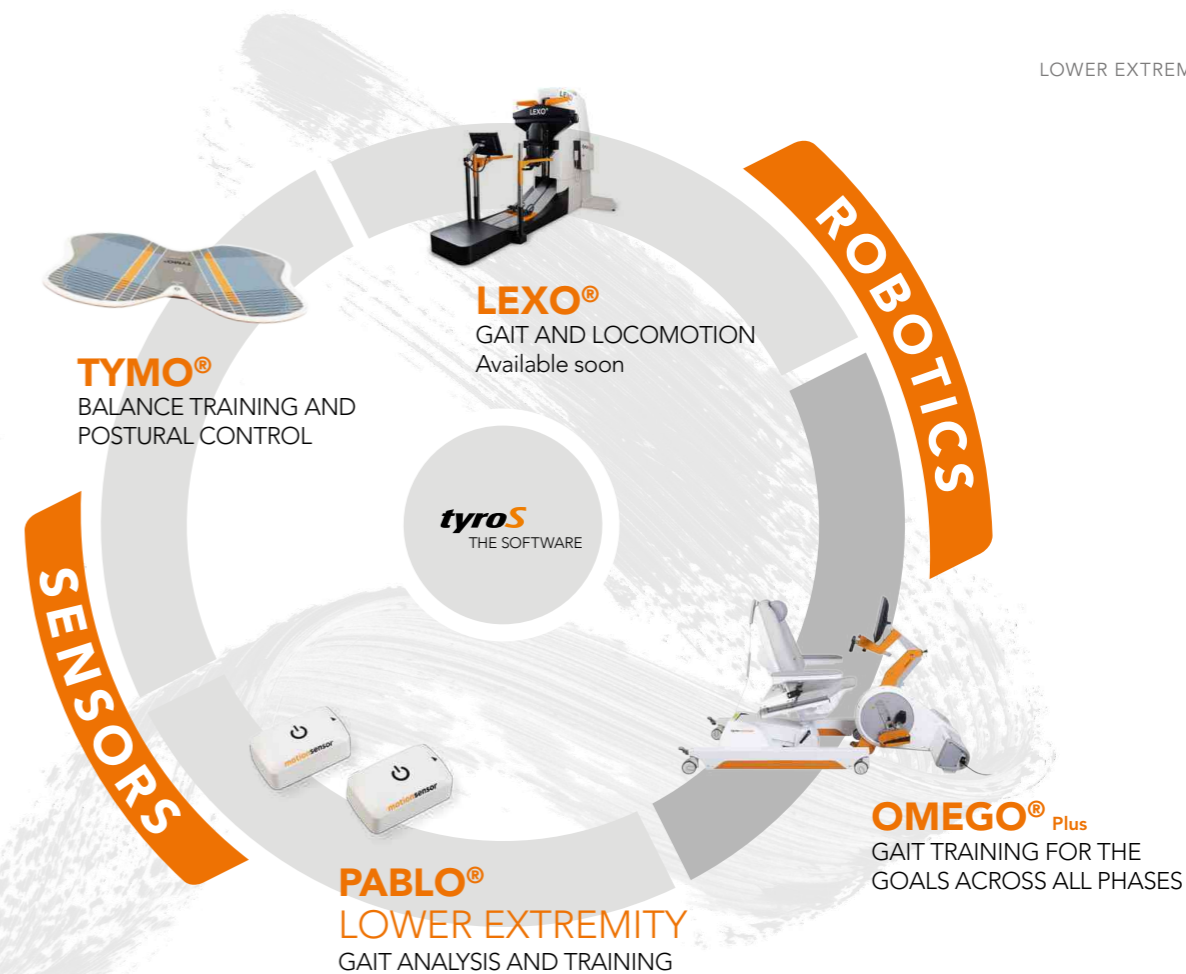
of rehabilitation. Based on motor learning principles, sessions can be individually tailored to the patient's status.

- 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

LOWER EXTREMITY



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