



***tyromotion***

# MTT-LINE

**MEDICAL TRAINING THERAPY**

Targeted strength training

**TYROTHERAPY**  
GET BETTER.  
EVERY DAY.

# GET BETTER. EVERY DAY.

Patients at the heart  
of rehabilitation

**Intensity, Dosage, Motivation:** Three components that we believe are critical to achieve the best possible therapeutic outcomes within the shortest period of time, in a goal-driven and motivated way.

Highly intensive, focused, and motivated training is possible in an environment where conventional therapy and the latest technology work together.

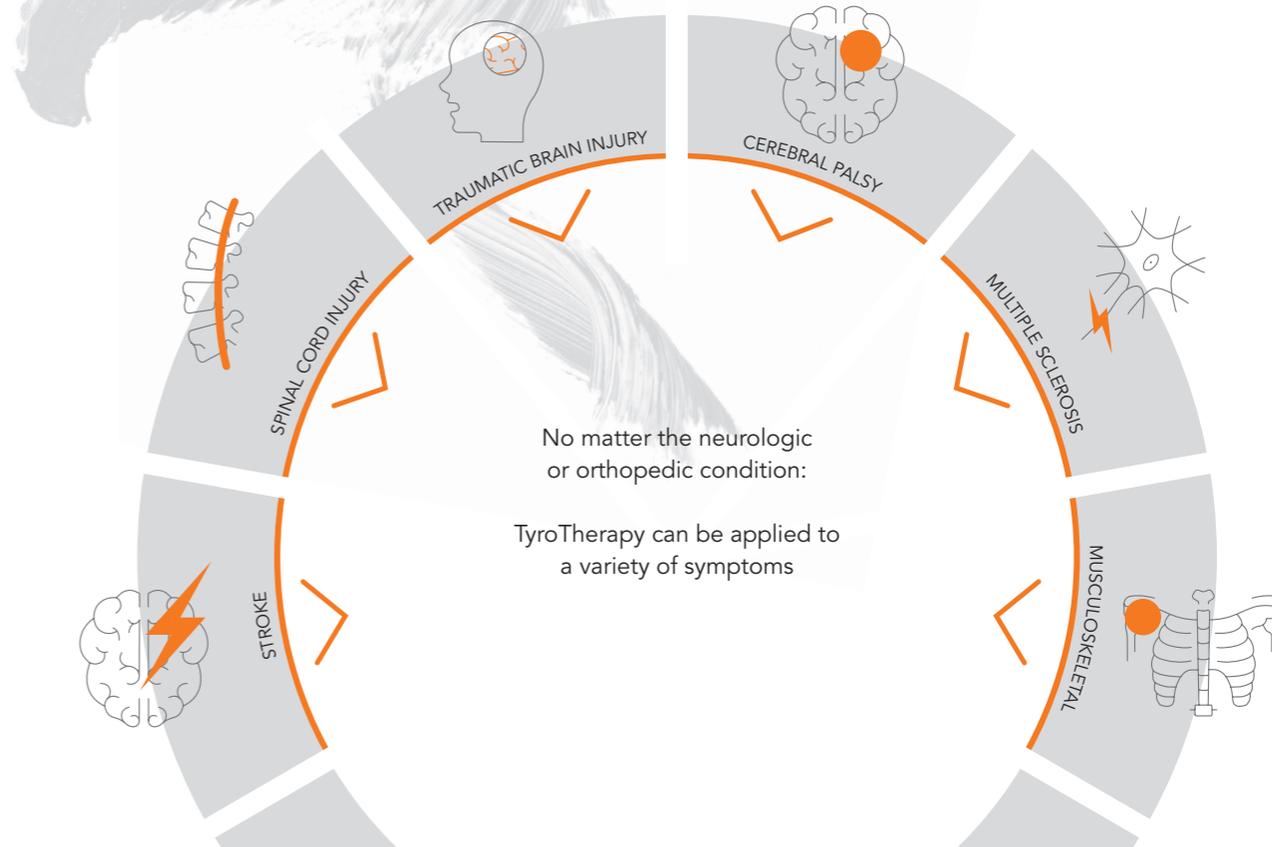
## What does TyroTherapy mean...

### ... for patients?

Complementary therapy approaches to broaden horizons, trying new things, having fun in therapy, developing ambition and thereby achieving the goals set.

### ... for therapists?

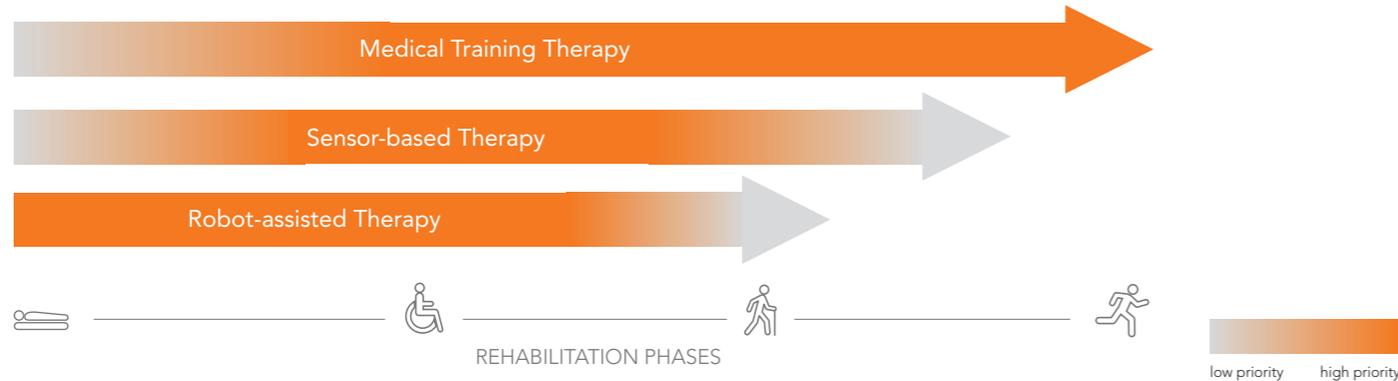
Making processes and procedures easier: Support in doing the right things at the right time, regardless of the indication.



# ONE PARTNER – ONE CONCEPT

**Long-term therapy** success can be achieved where robotic and sensory rehabilitation and MTT support and complement each other.

- Tyromotion offers the highest quality, a uniform design and a well thought-out overall concept.
- Innovative training system with pneumatic resistance
- One partner for maintenance, service and support
- Wheelchair accessible training equipment



# BENEFITS

of pneumatic training systems

- + Air pressure resistance enables the replication of physiological muscle function
- + Lack of inertia minimizes risk of injuries
- + Motion resistance is independent from speed
- + Concentric and eccentric training
- + Initial weight almost 0, virtually continuous increase in steps of 100g
- + Almost no operating noise

WHEELCHAIR ACCESSIBLE

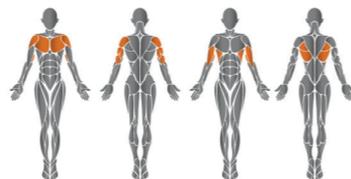
# PUSH UP/PULL DOWN EASY ACCESS

- 10" touchscreen
- Dual function
- Sensor interface for isometric testing
- Range of motion (ROM) limiters
- Safety Belt
- Base plate for secure positioning



 **Maximum resistance**  
Push Up: 54kg | Pull Down: 63kg

 **Width Length Height Weight**  
107cm 127cm 179cm 72kg



WHEELCHAIR ACCESSIBLE

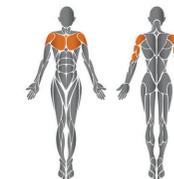
# CHEST PRESS EASY ACCESS

- 10" touchscreen
- Sensor interface for isometric testing
- ROM limiters
- Multiple options for grip
- Base plate for secure positioning



 **Maximum resistance**  
45kg/Side

 **Width Length Height Weight**  
130cm 137cm 105cm 84kg



WHEELCHAIR ACCESSIBLE

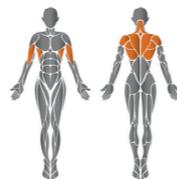
# OPTIMAL RHOMB EASY ACCESS

- 10" touchscreen
- Adjustable chest support
- Release function for grip adjustment
- Horizontal and vertical options for grip
- Base plate for secure positioning



 Maximum resistance  
36kg/Side

 Width Length Height Weight  
110cm 106cm 114cm 82kg



WHEELCHAIR ACCESSIBLE

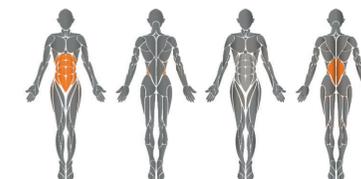
# ABDOMEN/BACK EASY ACCESS

- 10" touchscreen
- Dual function
- Sensor interface for isometric testing
- ROM limiters
- Electrically adjustable seat
- Foldable backrest
- Adjustable lever arms
- Grips for easy access
- Foot support
- Floor mounting option with adjustable feet



 Maximum resistance  
Abdomen and Back: 63kg

 Width Length Height Weight  
85cm 131cm 171cm 89kg



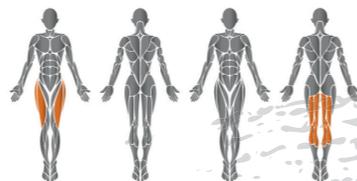
# LEG EXTENSION/ CURL

- 10" touchscreen
- Dual function
- Sensor interface for isometric strength testing
- ROM limiters
- Steplessly adjustable back support
- Adjustable lever arms
- Grips for easy access
- Leg straps
- Safety belt
- Floor mounting option with adjustable feet



 **Maximum resistance**  
Leg Extension and Leg Curl: 36kg/Side

 **Width** 112cm **Length** 155cm **Height** 140cm **Weight** 104kg



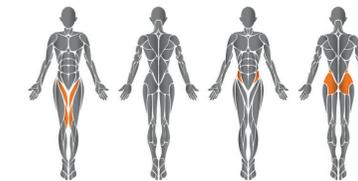
# ADDUCTION/ ABDUCTION

- 10" touchscreen
- Dual function
- Sensor interface for isometric strength testing
- ROM limiters
- Grips for easy access
- Floor mounting option with adjustable feet



 **Maximum resistance**  
Adduction: 36kg/Side | Abduction: 45kg/Side

 **Width** 147cm **Length** 123cm **Height** 126cm **Weight** 73kg



# LEG PRESS

- 10" touchscreen
- Sensor interface for isometric strength testing
- ROM limiters
- Adjustable back support
- Knee hyperextension protection
- Grips for easy access
- Foot straps
- Floor mounting option with adjustable feet



Maximum resistance  
135kg/Side



Width	Length	Height	Weight
103cm	170cm	135cm	127kg



# LEG PRESS INCLINE

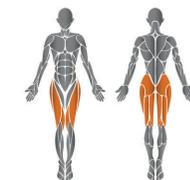
- 10" touchscreen
- Sensor interface for isometric strength testing
- ROM limiters
- Adjustable angle position of the foot plate
- Electrically adjustable back support & shoulder rollers
- Grips for easy access



Maximum resistance  
243 kg



Width	Length	Height	Weight
95 cm	222 cm	128 cm	107 kg



WHEELCHAIR ACCESSIBLE

# PULLEY FREE STANDING

- 10" touchscreen
- Height adjustable double cable exit
- Multifunctional Training for upper and lower limbs:
  - Single handed grips
  - Padded leg straps
- Strap extension for additional accessories
- Adjustable support grips



 Maximum resistance  
30 kg

 Width Length Height Weight  
136 cm 145 cm 215 cm 82 kg

# TRAINING BENCHES



Adjustable Chair Easy Access

- Steady rollaway seat
- Alternative seating for wheelchair accessible devices
- Steplessly adjustable seat height



Pulley Rowing Bench

- Rollaway bench
- Accessory for the Pulley for additional exercises
- Adjustable knee support



Abdominal Isolator

- Adjustable inclination of the support surface
- Safety belt



Standing Hyper Extension

- Adjustable inclination of the support surface

# **tyromotion**



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