

MOTOmed®

Motomed® gracile 12

Movement Therapy: passive,
motor-assisted, active resistive

Movement Therapy for Children

Movement is a basic precondition for regular body functions and development. Sometimes children may become deprived of their natural desire to move around due to a medical condition or an accident. This lack of movement can lead to secondary health complications. MOTomed Movement Therapy allows your child to move regardless of physical limitations.



Arm training with the MOTomed gracile12
leg and arm/upper body trainer

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Medical Devices

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MOTOmed Movement Therapy Goals

WE GIVE MOVEMENT, FROM THE HEART

Reducing spasticity

Cramps (spasticity) can cause pain that blocks movement patterns. The MOTOmed SpasmControl feature helps to gently reduce cramps and relax the muscles. The motorized, passive training counteracts general lack of movement. This relaxation of muscle tension can be a useful preparation to regular physical therapy.

Discovering and promoting residual muscle strength

Even with unilateral paralysis, hidden and untrained residual muscle strength can be rediscovered and reactivated.

Reducing the consequences of lack of movement

Daily movement training with the MOTOmed gracile12 helps to reduce muscle shortening, joint stiffness, digestion problems, and circulation disorders.

Improving and maintaining walking ability

Regular physical movement with the MOTOmed gracile12 can help to strengthen the leg muscles, improve coordination and body awareness.

Improving the overall well-being

It is widely recognized that physical activity produces feel-good hormones (e.g. endorphins, dopamine and serotonin). This has a positive impact on motivation, mobility and overall feeling of well-being.

No negative side effects

With the MOTOmed gracile12 and movement therapy properly adapted to the child, there have been no reports of negative side effects. Often time and medication dosage can be reduced.

PRODUCT CODES:

- FPM101110
GRACILE MOTOmed Gracile w/ Arms - Custom (as per script)
- FPM101112
594 MOTOmed Gracile 12 - Custom (as per script)
- FPM101114
599-CUST MOTOmed Gracile Arm Trainer - Custom (as per script)

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1 passive

Smooth, regular movement of the legs or the arms can relax your muscles and regulate muscle tone.

2 motor-assisted

The ServoCycling function identifies weak muscle impulses. Even with minimal muscle strength, you can assist your child to engage in active training.

3 active resistive

Using their own muscle strength, children can move actively against finely adjusted resistance levels. This can help to significantly improve strength, endurance and coordination in order to achieve a better gait stability.



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