
Patient Care Catalogue 2020



Our Technology. Your Comfort. **Everyday Support.**

Meden-Inmed Sp. z o.o.

Welcome to Patient Care Catalogue 2020

Out of Concern for Your Patients

Taking care of a disabled or immobilized patient is a daily challenge for both the patient and the carer, and therefore, for the sake of their common comfort, it is often supported by modern equipment which facilitates daily care.

Meden-Inmed is a leading manufacturer of the medical equipment with a long tradition that pays special attention to the needs of the medical personnel and their patients.

With this in mind we have prepared Patient care catalogue 2020. We offer comprehensive solutions, both with regard to restoring mobility, as well as to provide you the opportunity to move around, to make the care for the patient's hygiene easier and to improving the patient's life comfort. We offer a wide range of equipment necessary in rehabilitation wards, in nursing homes for seniors, special care facilities and in homes.



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Gait training



PIO Walk simulator

PIO (S) and (L) is a device which enables gait training and performing of comprehensive exercises in upright position. The patient exercises lower limbs synchronically with levers moved by hands through a special mechanism. The PIO apparatus stabilises the patient in the correct position. Provides necessary weight bearing important for proper movement of the hips, knees and tarsal joints which promotes synchronised movements simulating natural gait. Recommended for hospitals, rehabilitation centers and homes.

Advantages:

- Versions for adults (L) and for children (S)
- For patients with paraparesis or paraplegics
- Step counter and timer with alarm
- Shelf for accessories
- Promotes upright position
- Increases breath capacity
- Stimulates circulatory system
- Prevents urinary system infections (helps to remove sediments in urinary tract)
- Provides dynamic load to osteoarticular system (e.g. lessens the risk of osteoporosis)
- Prevents muscle contracture and arthrosis
- Adjustable foot base, knee support, handles, backrest
- Safety locks (blocks operation in two ways)
- Shock absorbers in back rests (for more physiological body movements)



Height of patient S/L:
110-140/165-190 cm



Max. load S/L:
90/95 kg



Timer:
1-59 min



Eleveo System for dynamic unloading

Eleveo is a training device for simultaneous control of unloading, posture and balance on a treadmill or firm surfaces. Systems providing dynamic unloading are a perfect solution for training patients in a wide range of gait disorders.

Used in:

- Rehabilitation
- Gait reeducation

Used for:

- Therapeutic purposes
- Diagnostic purposes (training balance and gait)

Ideal for working with:

- Neurological patients
- Orthopedic patients
- For adults and children



Advantages:

- Suitable for treatment of very high (210 cm) patients
- Compact design for easy access to rooms with low doors
- Frame with 8-step adjustment 88-108 cm (88 cm wide frame allows an easy passage through the most doors, min. 97 cm - allows exercises on treadmill in suspension)
- Height adjustment, adjustable and interchangeable handrails maximise support during gait training
- Adjustable unique universal harness (**S-M-L-XL**) and easily made gait direction changes makes it possible to adjust the system to specific needs of each patient, allows the clinics to treat various patients with a single Eleveo system, gives possibility of front, back and sideways gait training
- Fully movable: four-wheel system (2 wheels with full and 2 with directional brake for pre-setting the direction of movement prior to the treatment)
- Therapist comfort: electronic panel (portable, magnetically attached), battery-powered electric height adjustment via manual remote control
- Removeable upholstered stool with wheel for manually controlled gait training
- Long lasting battery of weighing module (up to 8 months)
- WeCoTronic (Weight Control ElectRonic), electronic panel showing real-time data (weight, unloading) from wireless tensometric sensors.



Dimensions (H x W ext.):
164-234 x 88-108 cm



Max. load:
160 kg



Max. height of patient:
210 cm






Axelero Medical treadmill in version for rehabilitation

Axelero ver. Reha is a great solution for patients who are recovering from injury, seniors who try to keep fit and sportsmen. It can be easily adjust to different patient's condition and movement skills offering a lot of programs (MANUAL, DEFINED, USER) and functions (start/stop, incline, speed, calories, distance, time). It allows you to customize workout protocol any time, regardless of the weather, even in comfort of the home environment.

Advantages:

- Excellent for people with movement difficulties: easy access for persons on wheelchairs, low base – easy to step-up, start from very low speed (0.2 km/h), system of gradual speed increase from 0.2 km/h to a preset value, belt speed setting every 0.1 km/h, maximum patient weight 200 kg
- Possibility of therapist controlled treatment of lower limbs
- Many uses: in bariatrics, neurological rehab, orthopedic, pediatrics (pediatric handlebars as option) or even in sports medicine (elevation angle 0-25%)
- Safety and comfort: easily accessible safety switch,
- Treadmill starts with a 3-second countdown with belt speed of 0.2 km/h and with the inclination of 0.0 %
- Possibility to modify belt speed and inclination by the user when the belt is in motion
- Control unit with color LCD display



-  **Max. load:** 200 kg
-  **Belt speed:** 0,2-25 km/h
-  **Belt elevation:** 0-25%

Neuroforma

Innovative platform for motor, cognitive and balance control exercises

Neuroforma is an innovative platform intended for rehabilitation centres and other institutions working with patients in therapy rooms, where a comprehensive, precise and easy to use tool is needed. Neuroforma uses virtual reality technology and motion capture in 3D, a computerized system for data analysis and provides you biofeedback elements, which makes your work more effective. Neuroforma was created by neurorehabilitation and neuropsychology experts and in particular supports the rehabilitation of patients with multiple sclerosis and those recovering from brain strokes and brain injuries. But unlimited access to motor-cognitive exercises and modules (practice sessions, mirror therapy, user base, posture correction, etc.) allows to use this tool not only with patients with neurological diseases and injuries but is excellent for post-traumatic and orthopaedic rehabilitation of children and adults.

Neurological Rehabilitation



Large display:
40"



Technology:
3D



Weight:
65/32 kg

Advantages:

- Allows to set an initial difficulty level appropriate for the every patient's skills
- For exercising in both standing and sitting positions; also for work-outs with patients in wheelchairs
- User-friendly for exercising in every age
- Benefits for patients: motivates to exercise daily, boost their mental and physical fitness, engage both motor and cognitive skills in an attractive, motivating way
- Benefits for therapists: a wealth of options, easy insight into patient progress, increased control over exercises (decisions about difficulty level, number of repetitions and range of motion), mobile (can be easily moved from room to room)
- Benefits for practice and health facilities: boosting competitiveness, become more high-tech, increasing service efficiency, boosting financial effectiveness (one comprehensive tool is enough to perform procedures encompassing many different specialist fields in various patient groups)
- TeleNeuroforma - allowing patients to continue their therapies at home (user-friendly, supports all levels of computer literacy)



Rototrac Inversion device

Rototrac is mainly designed for Inversion Therapy, which involves using gravity to straighten and elongate the spine, which results in more relaxed back muscles. Functional gravity inversion table with “head down” position relieves the spinal discs and relaxes muscular tension.

The device can use also people with no back problems, but who want to stay healthy and to have good shape. Rototrac increases flexibility and blood circulation. Can be used in rehabilitation centers, senior clubs, as well as at home.

Advantages:

- Foldable, for easy storage
- Durable steel frame
- Benefits: even 15 minutes of workout per day gives full mobility and relief to the spine; exercises with inversion device are definitely recommended by physiotherapists (under additional supervision in case of fainting or bad feeling resulting from keeping head down)
- Thanks to the good balance and weight of 30 kg, the device is stable and provides comfort of safe exercise



Height of patient:
150-205 cm



Max. load:
136 kg



Angle:
0, 15, 30, 45, 60, 80, 90°

Inversion Therapy



GraviS Device for supporting spine rehabilitation

GraviS is designed for Inversion Training, aiming to support the spine rehabilitation and relieve the pain of the back. Inversion devices are used to reverse the patient’s position from upright to upside down with the head down. This position limits the intervertebral pressure, advantageously affects muscle stretching and posture correction.

GraviS thanks to the special construction has a positive influence on relieving the pressure of the intervertebral without causing ankle nor knee injuries.

Advantages:

- Foldable, for easy storage
- Stable, easy to use
- Adjustable: height (7-step), thigh thickness (7-step), thigh length (5-step)



Height of patient:
max. 195 cm



Max. load:
135 kg



Dimensions (L x W):
76-127 x 65 cm

Lower limb disfunction therapy



Avior



DF, PF, PRON/SUP, knee EXT,
knee FLEX: 40, 35, 31, 40, 30°



Draco



DF, PF, PRON/SUP:
40, 47, 34°

Simple and easy to use. Allows for:

- effective rehabilitation through self-assisted, active, resistance and functional exercises of the joints:
 - ankle (Avior, Draco, UCS)
 - knee (Avior)
- balance and proprioceptive exercises (PDB-1, PDB-2) that improve coordination, motor functions and actively strengthen core muscles, ankles, knees, legs and back
- exercises in sitting (Avior, Draco, UCS, PDB-1, PDB-2) or standing position (PDB-1, PDB-2)

Used in sport rehabilitation centers, geriatric clinics, general post traumatic rehabilitation clinics for orthopedic, neurological and geriatric patients.

Advantages:

- Intuitive usage
- Compact design
- BIOfeedback (Avior, Draco) - increasing motivation during exercising
- Benefits for physiotherapist: saving time and effort - self-assisted exercising allows the therapist to supervise more than just one patient a time; light and portable - easy to move from one patient's room to another
- Benefits for patient: self-assisted exercising allows defines his/hers pain threshold and the device is set accordingly, ensuring the safety and comfort of exercising



UCS



Adjust. of foot (longitudinal/
transverse axis) rotation angle: $\pm 35^\circ$

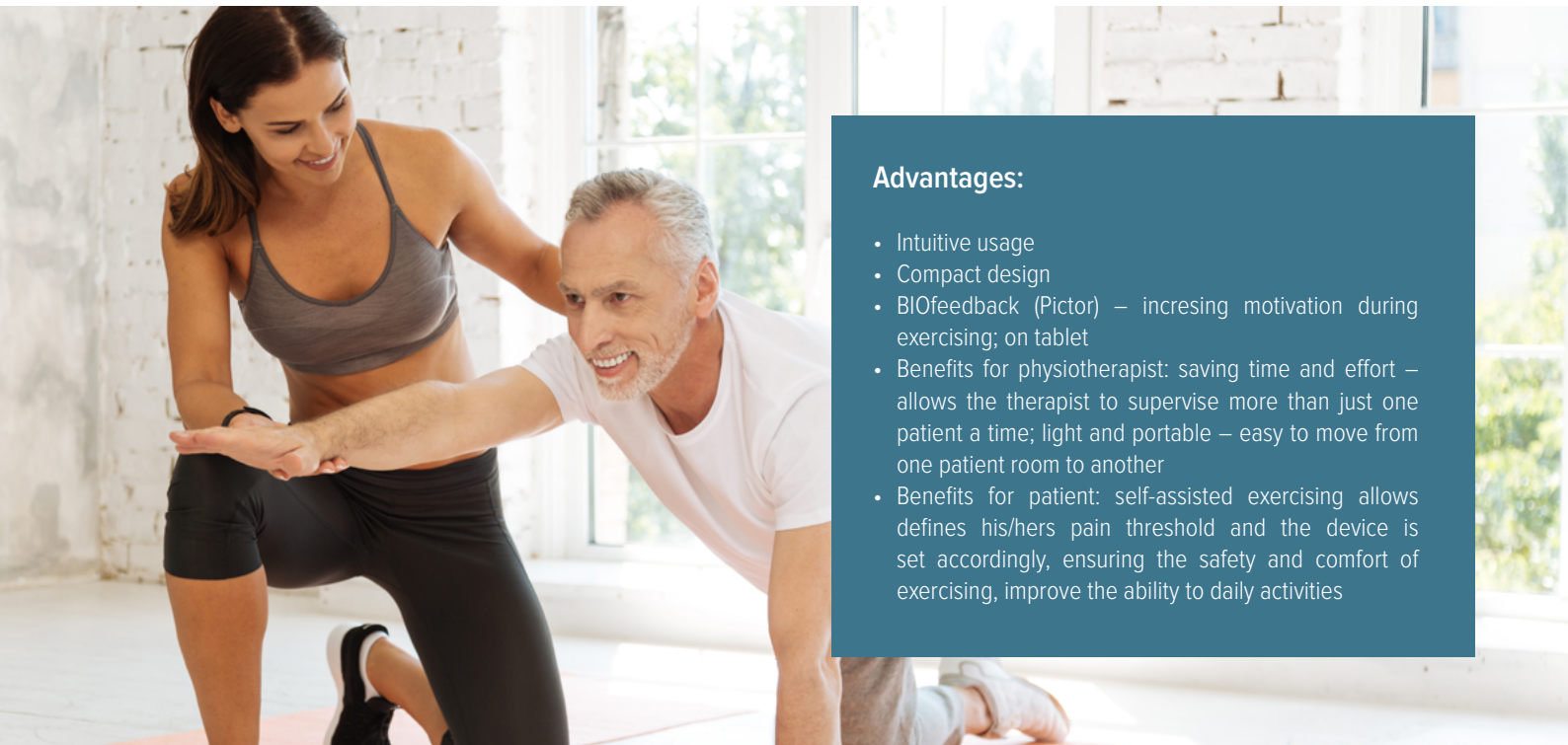


PDB-1



PDB-2

Upper limb dysfunction therapy



Advantages:

- Intuitive usage
- Compact design
- BIOfeedback (Pictor) – increasing motivation during exercising; on tablet
- Benefits for physiotherapist: saving time and effort – allows the therapist to supervise more than just one patient a time; light and portable – easy to move from one patient room to another
- Benefits for patient: self-assisted exercising allows defines his/hers pain threshold and the device is set accordingly, ensuring the safety and comfort of exercising, improve the ability to daily activities

Very simple and easy in usage equipment, that enables effective rehabilitation through exercises of:

- wrist (Pictor, KTM, KTM BO)
- forearm (Pictor, KTM)

in case of orthopedic, rheumatological and neurological disease of hand.

This equipment finds application in hospitals (rehabilitation, surgical or neurological wards) as well as in outpatient rehabilitation. PICTOR enables self-assisted, active and resistant exercises for the wrist area, and is supplemented with self-assisted rotational movements of the forearm. KTM, KTM BO enable improvement of the manipulation skills, motor coordination of hand and eye-hand coordination.



Pictor



KTM



KTM BO



Wrist FLEX/EXT, add./abd. of wrist (in sagittal plane), forearm Rot: 90, 72, 90, 90°



DF/FLEX/Rot of wrist, convers./Inv of forearm

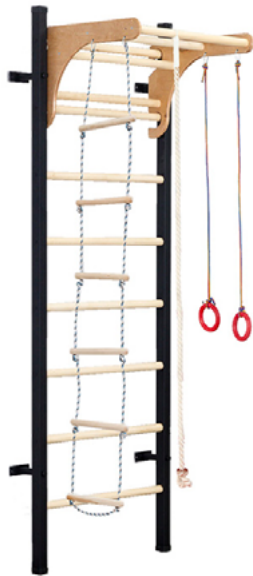


Plummetts mass: 5x0,25 kg



DF/FLEX/Rot/add./abd. of wrist

Wall exercises



BenchK Fusion Plus



Height:
225 cm



Max. load:
100 kg



BenchK Champion



Height:
235 cm



Max. load: 120 kg
(80 kg children acces.)



RehaCross



Height:
190 cm

BenchK Ladders for rehabilitation

BenchK ladders are perfect for rehabilitation exercises for children as well as adults in every rehabilitation center, in the gym, they can also be successfully assembled at home. They improve the general motor coordination and at the same time the muscles of the spine are strengthened, which reduces the risk of scoliosis.

Used materials: metal, wood, polyurethane, ropes, plastic.

Advantages:

- Simple assembly: mounted to wall (Champion, Fusion) or strut: floor and ceiling (Champion)
- Compact design
- Benefits for users: stability, no need a lot of space to exercise, high quality of used materials, parents can practice at home with their child, multifunctionality (Champion: equipped with: exercise bench, exercise bars, which in another position can be used as a barbell holder, chin-up bar, children's accessories - rope ladder, gymnastic rings, rope), during the training can be used additional sports accessories such as rubbers

RehaCross

Wall station for tubing/bands exercises

Multifunctional wall bar designed for training of upper and lower extremities in rehabilitation centers, sport centers, fitness facilities, in-home training.

Advantages:

- Simply assembly
- Compact design
- Benefits for users: total or partial body rehabilitation, exercises with resistance (tubings, bands), exercises in multiple planes, strength/range of motion/ flexibility exercises

Patient lifts*



Moving a person from chair to bed or any other area can be sometimes a stressful process for the patient and caregiver. Patient transfer though does not have to be difficult. Lifting devices are a great solution for people with mobility problems making the act of sitting, standing and moving easier. Our reliable lifts can improve the quality of life making the transition as smooth, easy, safe and stress-free as possible. For getting out of or into bed or for the completion of required daily activities like bathing, using the toilet, dressing, these devices are simply indispensable. They are designed for people that can't walk on their own for many different reasons: having back problems, arthritis, injuries or other. They are perfect lifting devices also for elderly patients that can bear weight, but have trouble walking. Our lifts can be used successfully in many nursing homes, hospitals, rehabilitation centers and in homes.

Advantages:

- Benefits for caregiver: optimum functionality, compact design, easy to store, possibility to use in small rooms, easy to maneuver, relieving the spine during lifting and transferring, steering via remote control, battery-operated, comfortable handles, rotating 360-degree sling bar
- Benefits for patient: comfortable and durable sling, safety, emergency lowering, ability to lift patient from floor, low and wide-opening base enable easy access to beds, chairs, wheelchairs, toilets



Verteo



Lifting range:
85,5-172 cm



**Base adjustment
(int./ext.):**
51,7/66,4 - 86/100,7 cm





Max. load:
200 kg




360°
Rotating hanger

Lifteo

- 

Lifting range:
72-193 cm
- 

Base adjustment (int./ext.):
49/64 - 79/94,5 cm
- 

Max. load:
160 kg



360°
Rotating hanger

360°
Rotating hanger



Levitop Standard

- 


Lifting range:
62-196 cm
- 


Base adjustment (int./ext.):
53/68 - 102/117 cm
- 


Max. load:
230 kg



Levitop Comfort

- 

Lifting range:
62-196 cm
- 

Base adjustment (int./ext.):
53/68 - 102/117 cm
- 

Max. load:
230 kg

*Final commercial version may differ from the lift models - photos presented in this catalogue - were made based on prototypes.

Mohican Adjustable hygiene chair

Mohican allows for an easy access to the shower and helps in moving the patient around at home or in care facilities of all kinds. Suitable for the elderly or people with all kinds of disabilities who might need help in taking care of their personal hygiene.

Advantages:

- Benefits for patient/resident: comfort and independence - adjustable height and positioning (manual remote controller), optional headrest, protection against water, dirt or hair while bathing, shaving or grooming the patient,
- Benefits for caregiver: makes tasks easier and safer - grips for easy movement, easy to clean, manual remote controller, battery-powered, 4 blockable wheels, optional - chest belt and velcro straps for legs for better stabilization of resident; considerable time savings



Height adjustment:
53-93 cm



Seat tilt:
+7 to -30°



Max. load:
150 kg

Hygiene/Walk assistance

Freewalker Walk assistance

Exercise and walking are very important for people working through a wide range of neurological issues, which affect ambulation. Our devices are intended for persons with physical disabilities and provide an opportunity to improve their walking ability. Freewalker enable a patient to walk independently without help, as well as to train and strengthen weakened muscles. It could be used to practice walking or as a permanent means of moving around. By using freewalker the patient will be able in simply way to practice step patterns, space and distance awareness and balance. It is also safe and effective support to patients recovering from injury or surgery. Used in hospitals, homes, nursing homes, rehabilitation centres.

Advantages:

- Benefits for patient: simply, stable design allows to push the device forward in a balanced and safe way; compact - easy to maneuver and storing; walking comfort - height adjustment supports upright posture, forearm padded support relieves pressure on the elbows and relieves the lower limbs, 4 wheels, wide grip for hands, light touch hand brake (B version); keeps patient independence



Freewalker



Height adjustment:
96-132 cm



Max. load:
150 kg



Freewalker B



Height adjustment:
103-138 cm



Max. load:
150 kg

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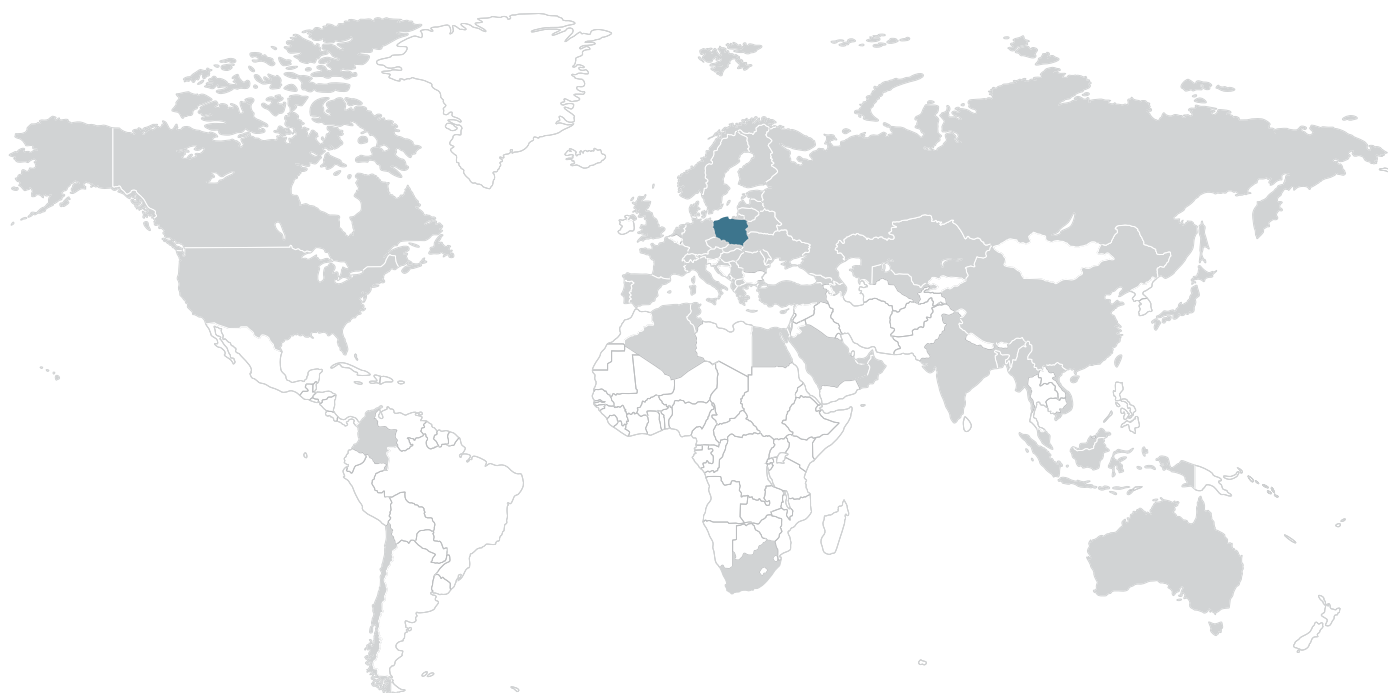
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