

INSTRUCTIONS FOR USE
TRUST
STANDARD WHEELCHAIR WITH TOILET FUNCTION
VCWK4T
EDITION EJ 06.2022

VITEA®
CARE

CE



Table of contents

1. Introduction	3
2. Description of product	3
3. Indications.....	5
4. Contraindications.....	5
5. Usage	5
6. Safety of use – WARNING!.....	7
7. Everyday use and maintenance.....	8
8. Technical paramets	15
9. Symbols	16
10. Contact details	18

PLEASE READ CAREFULLY BEFORE USING WHOLE OF INSTRUCTIONS

1. Introduction

Thank you for choosing our product. We are deeply convinced that it will meet your expectations. Please read this document before first use. This manual was made in order to provide the necessary information on the safe use of the device. The correct application of the recommendations will contribute significantly to extend the durability and aesthetics of the product. We want to distinguish that to date we are trying to improve the quality of our products, which may result in minor changes that are not included in the manual.

2. Description of product



Illustration 1.

1. Handle holder
2. Armrest
3. The side plate of the armrest
4. Rear wheels
5. Metal handrim
6. The seat frame
7. Brake lever
8. Brake
9. The front wheel fork
10. The front wheel

11. Backrest
12. Seat cushion
13. Sanitary container
14. Footrest frame
15. Cros frame
16. Footrest handle
17. Calfrest
18. Footrest platform

Elements that should be inside the packaging:



Illustration 2. Seat with removable element enabling to obtain a sanitary hole.



Illustration 3. Sanitary container



Ilustracja 4. Belt stabilizing the calf



Hooks

Illustration 5. Two footrests



Illustration 6. Wheelchair

3. Indications

The wheelchair is used in order to commute by people with disabilities e.g. after the spinal cord damages, cerebral palsy or various lower limb injuries, neuromuscular diseases, post-traumatic cranial cerebral or for geriatric patients.

4. Contraindications

Contraindications to a sitting position. Conditions that require stabilization of the upper spine and head. Patients with mental disorders should not be left unattended in the wheelchair.



5. Usage

- After unpacking the package, check if it contains all parts in accordance with the list of elements set out above.
- Ensure that all components have no visible damage. If any doubts, please contact the manufacturer.
- Do not use the wheelchair until all parts are properly connected.

UNFOLDING THE WHEELCHAIR

- The wheelchair must be placed with rear wheels in front of You.
- Unfold the handle holder towards the outside (Illustration 6.).
- Then place wheelchair with front wheels in front of You.
- Press seat frames, until complete unfolding. (Illustration 7., 8.)



Illustration 7.



Illustration 8.



Illustration 9.

- To install footrests, hang fixing bracket footrest on the hanger of the wheelchair frame (Illustration 9., 10.) Then rotate it into wheelchair front until it locks (“click” sound).
- Make sure that the footrests are blocked.
- Unfold the footrests platform.



Illustration 10.

Footrest
lock

Frame
hanger



Illustration 11.

- The belt stabilizing the calf must be fastened with velcro on the footrests frame.
- To avoid slipping belts, hook it on hangers. (Illustration 12.)





Illustration 12.

6. Safety of use – WARNING!

- a) Before using the wheelchair refer to this manual and keep it for future reference.
- b) While getting on and out of the wheelchair, the brakes always have to be on!
- c) Before getting on or getting off the wheelchair, do not stand on the footrest, you must fold or completely set aside footrests first.
- d) Patients who require additional head stabilisation should drive the wheelchair only with assistance of a caregiver .
- e) Lifting the wheelchair together with the user is strictly forbidden!
- f) When moving through doors and other passages, make sure that on both sides there is enough space to avoid injury to the hands or damage the wheelchair.
- g) Using public roads, follow accurate traffic regulations.
- h) Like other vehicles, do not drive the wheelchair under the influence of alcohol, or drugs. This also applies to indoor riding.
- i) The wheelchair is not intended for patient transport on stairs, or pulling the patient on it. The construction of the wheelchair and joining elements are not designed for such a large overload if it is used in this way. This can cause weakness or damage of the entire structure supporting the wheelchair and possible accidents!
- j) The wheelchair is designed to use indoors and outdoors only on hard and even surfaces.
- k) Using the wheelchair on an unstable surface (covered with ice, wet, greasy, sandy) is unacceptable- it causes risk of falling,
- l) You can only use the wheelchair on surfaces where all four wheels are touching the ground.
- m) To overcome architectural barriers (steep or long climbs, thresholds or curbs, etc.) help of caretaker is needed.
- n) If the user does not have sufficient experience in the wheelchair use, should ask caretaker for help with overcoming obstacles.
- o) Do not leave the wheelchair with the user close to open sources of fire.
- p) Be aware that the surface temperature of the upholstery and the frame parts may be increased after exposure to the sun or other heat source. Furthermore, with low temperatures there is a danger of overcooling metal parts of wheelchair. It may cause burns or frostbite parts of the body.
- q) In order to transfer wheelchair, grab the frame. Never transfer the wheelchair by grabbing the armrests or footrest.
- r) Never use the wheelchair as a seat for the transportation of people in cars, buses or any motor vehicles.
- s) The wheelchair is designed for people up to 110 kg.
- t) Wheelchair must be easy to fold and to unfold. In case of problems with folding, you should re-read the instruction or contact the manufacturer.
- u) Keep caution while moving on sloping surfaces. The maximum allowable slope angle up and down is 5%.
- v) Brakes cannot be slow down the wheelchair during ride, You should use them only to prevent the unintended movements.
- w) Both brakes should be properly adjusted. Incorrect setting one of the brakes, results with blocking only one rear wheel. On large slopes, it can cause difficulty to control the rotation the wheelchair around the wheel stopped.
- x) Regularly check the tire pressure. With too low tire pressure than recommended, the brake performance can be significantly reduced!
- y) While reaching objects, avoid excessive leaning out the wheelchair because it can cause a fall

- (to the side, front, back).
- z) In order to avoid accidental rolling off the wheelchair, always put on the brakes when the stroller is stopped, when patient get in, get off, while changing the position.
 - aa) Do not leave the patient in the wheelchair (even with turned on both brakes) on the descents, ramps, landings, etc.
 - bb) It is necessary to check after each wheel mount if wheel axle connector lock works properly. While mounting should hear “click” of the latch. Pull strongly the wheel to check if it is installed correctly.
 - cc) Using the parking brake while driving may result with an accident with all its consequences.
 - dd) After each wheelchair adjustment, it is always necessary to check the correct operation of the brake.
 - ee) Oil, grease, water or other chemicals, may cause that brakes may have reduced effectiveness.
 - ff) Strength of the breaking intensity may be reduced after long exploitation of the wheelchair. You are allowed to adjust breaks yourself. In order to do that you must loosen the screws locking the position of the break, move the mechanism of the break towards the wheel so that the wheel will not rotate when break will be on again (try the adjustment with the user sitting on the wheelchair). After final adjustment secure back the mechanism with the screws.
 - gg) It is extremely important to keep all wheelchairs components clean in order to maintain the product parameters.
 - hh) Storing the wheelchair in areas with very high humidity (baths, laundry, etc.) or in the open air, also the lack of hygiene causes rapid loss of operating parameters and aesthetic of the product.
 - ii) It is unacceptable to use the wheelchair after discovering any visible or detectable damages or when the wear of some parts may cause an accident. All the repairs need to be performed by a skilled personnel and during the warranty period only by the manufacturer's service.
 - jj) In case of wheelchair fitted with pumped wheels You should not exceed the maximum permissible inflation pressure of the wheels, the value is indicated on the tire wheels.
 - kk) During transport (e.g. In the trunk), do not burden stroller, it may weaken or damage its structure.
 - ll) Keep extreme caution while unfolding / folding the wheelchair, lack of attention may result in finger trap by elements of the area of:
 - joining and removing the footrest,
 - brakes,
 - while folding the wheelchair around moving parts.
 - mm) Keep out of the reach of children under five years of age.

7. Everyday use and maintenance

SITTING ON THE WHEELCHAIR:

- Place the wheelchair in a position that will make easier transporting patient (by the bed, chair, close to lifting distance)
- Block both brakes of wheelchair, fold or remove the footrests.
- Depending on the method of moving the patient to remove the correct armrest (it is recommended to leave the second armrest as a handrail for the patient and prevent slipping out of the wheelchair).
- To remove the armrest, press the clip armrest (Illustration 13) and remove the armrest by move up.

Armrest clip



Illustration 13.

- Place the patient the wheelchair.
- Put on the armrest.
- Install and open the footrests and put on it patient's feet.
- Place the patient on wheelchair so that the patient is in upright sitting position (knees should be bent at an angle of $\sim 90^\circ$).

PUSHING THE WHEELCHAIR BY CARETAKER

- Before use, make sure that no part of the patient's body or his / hers clothing is not exposed to hook with the moving parts of the wheelchair.
- If patient can not sit on one's own, wheelchair should be equipped with stabilizing belts (belts, which are in standard equipment to protect the patient from sliding off the seat).
- Wheelchair should be pushed with both hands.

MOVING ON SLOPES



- While moving on slopes, use caution and reduce your speed.
 - Do not move on too high slopes. The maximum allowable slope angle up and down is 5%.
 - Consider the possibility of assistance from the caretaker. If the person on the wheelchair did not have enough force to control the wheelchair, the brakes must be on.
- To prevent tipping over while moving along the sloping surface, You should be slightly lean forward to move your center of gravity forward.

GOING DOWN OF THE THRESHOLD OR CURBS

- Ahead without the help of a caretaker



- Experienced wheelchair user can drive on his own from the threshold or curbs.
- With a low curb, you can drive by moving forward. Make sure that the footrests platform does not touch the ground.
- Please keep balance on the rear wheels to reduce the pressure on the front wheels.

- Then cross the curb.
- Ahead with the help of a caretaker



- Higher curbs can be overcome with caretaker help.
- Caretaker should slightly tilt the wheelchair back.
- Cross the curb moving on the rear wheels.
- Then the wheelchair must be paced on all four wheels.

- Backwards without the help of a caretaker



- Experienced wheelchair user can cross on his own the threshold or curbs.
- Turn the wheelchair in such a way that both rear wheels were turned toward the curb
- Lean forward to move the centre of gravity in forward.
- Come closer with the wheelchair to the edge of the curb.
- Then, by using the handrim in a controlled manner, user must slide the wheelchair from the curb.

MOVING ON THE THRESHOLD OR CURBS

- Ahead with the help of a caretaker



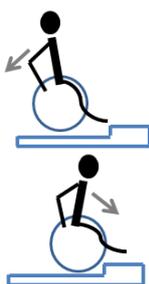
- Experienced wheelchair user can drive on his own from the threshold or curbs.
- Caretaker should slightly tilt the wheelchair back.
- Wheelchair user should keep balance on the rear wheels to reduce pressure on the front wheels.
- Go with front wheels on the curb and then put the rear wheels over the curb.

- Higher curbs can be crossed going backwards with the help of a caretaker



- Turn the wheelchair in such a way that both rear wheels are turned toward the curb.
- Wheelchair user should keep balance on the rear wheels to reduce the pressure on the front wheels.
- Caretaker should pull the wheelchair over a curb.
- Wheelchair user should return to its normal position on the wheelchair.

- Ahead without the help of a caretaker



- Experienced wheelchair user can go down on his own from the threshold or curb.
- Place the front wheels to the edge of threshold or curb.
- It is important to make sure that the footrests do not touch the threshold or curb
- Now, can go with the front wheels on the curb.
- Then, may enter the rear wheels on to the curb.

TRANSPORT IN THE CAR

- In order to make the wheelchair easy to transport, should remove the belt stabilizing the calf.
- Fold platforms footrests rotate the footrests on the outside wheelchair and remove the footrests.
- Then pull up the seat frames, it will fold a wheelchair.

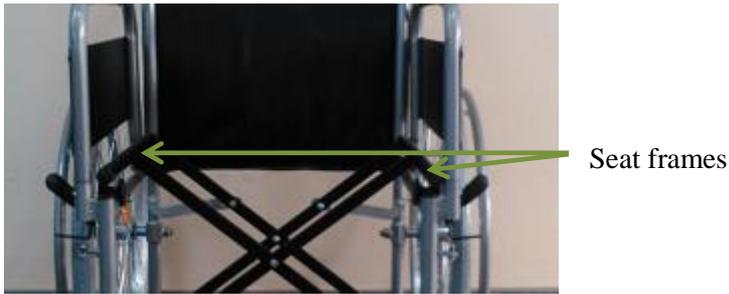


Illustration 14.

- The wheelchair have to be moved by holding the frame elements only. Never hold the wheelchair by the armrests or footrests.

**REGULATIONS:
BRAKE MECHANISM**



Illustration 15.

- Illustration 15. shows the brake mechanism.
- To activate the brake, pull the brake lever towards the front wheel to the point where the brake tightly touches to the rear wheel
- Make sure that the brake lever does not switch off when you try to move the wheelchair.
- To disable the brake, pull the brake lever toward the rear wheel.

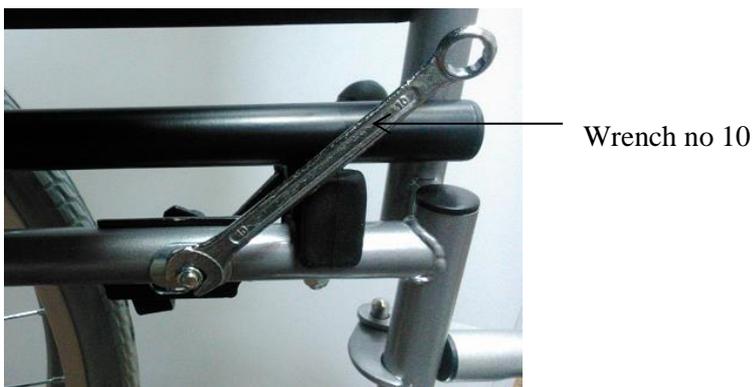


Illustration 16.

- Illustration 16. Shows brake mechanism as seen from the top.
- To reposition the brake mechanism, loosen two screws (from inside of the wheelchair) by using wrench No. 10.
- Move the entire mechanism in the direction of the rear wheel and tighten the screws.
- When you turn on the brake, the wheel should not rotate (test the correctness of adjustment carried out in a wheelchair with a patient).

FOOTREST

- Footrest could be adjustable in length.
- To set the desired length of the footrest, remove the footrests.
- At the bottom of the footrest is a footrest adjustment screw.
- With the wrench number 12 loosen the adjustment screw. (Illustration 18.)
- Depending on the needs push in or pull out the footrest platform located in the frame footrest.
- After setting the proper length of the footrest, tighten the adjustment screw and fasten the footrest to the wheelchair footrest.

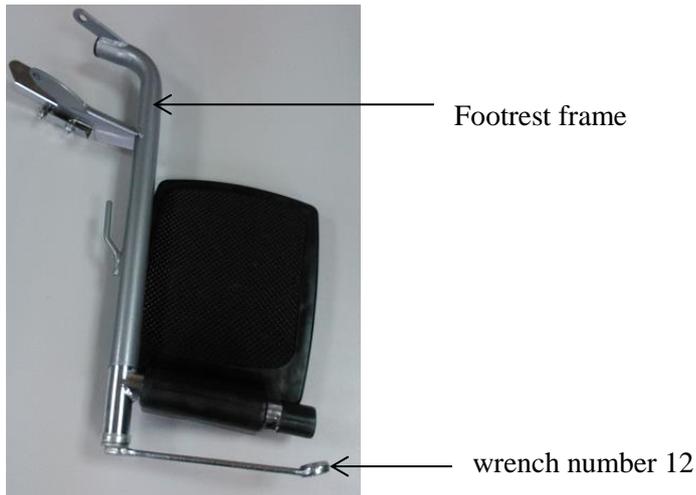


Illustration 17.

TOILET CONTAINER



Illustration 18.

- Toilet container put in gantry located on the underside of the seat.
- Before using the toilet container, pull out the removable element to get an sanitation opening.



Illustration 19.

- To remove the toilet container, just pull it , while in the seat put removable element .

PUMPING TYRE (It applies to wheelchair fitted with wheels pumped)

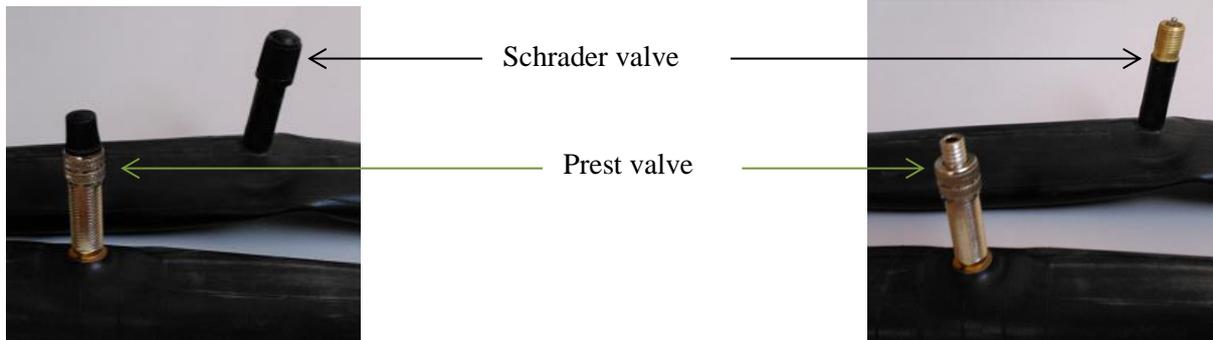


Illustration 20.

Illustration 21.

- Before pumping the tires, identify the type of valve which is located on the tire. This may be one of the two valves shown in Illustration 20 and 21.
- Prest valve also has an additional small top, which must be loosened before pumping.
- After identifying the valve, prepare the pump designed to valve type.
- Most of the new pumps are equipped to service both Prest valve and Schrader. Many of them let to reverse the tip. Smaller hole is Prest valve, Schrader valve greater. If the pump does not support Prest, you will need to buy yourself the "adapter Prest", which is available at any bike store.
- At this point, if the wheel is provided with a valve Prest, it will be necessary to unscrew the top located on the vent. It is a small top, which can be unscrewed with fingers. When doing this, the top should move upwards. Then valve is considered open.
- Then remove the plastic top from the valve and set it aside in a safe place. It is important to not lose it, because the valves will get dirt, leading to difficulties in pumping and rapid air loss.
- Place the nozzle of the pump to the valve and check if it stick properly. If it is needed, push the pump to the valve to make sure that the air does not escape to the sides.
- If the pump has a lever with clamp at the nozzle, tighten it. If the nozzle of the pump and valve have a threaded tip, screw them together. As a result, air will be streamed directly to the inner tube and the nozzle can not be detached from the valve.
- At the beginning of pumping the pressure in tyres should be checked at some points. Check tire pressure with your fingers at the end of the tread. If it is possible, make only a millimeter indentation. It means that the tire has enough air. If necessary continue pumping.
- After pumping, remove or unscrew the nozzle from the valve outlet while compressing it's ends by thumb. It is recommended to do this quick enough in order to not loose too much air.
- For Prest valve, tighten previously loosened additional small top.
- Screw the plastic top on the valve.

PRESSURE IN WHEELS AND BRAKING POWER

- Pressure in wheels should be select to the user weight and then with assistance caregiver check the operation of the parking brakes (wheelchair with user facing toward the fall, can not roll on a plane with a slope of 15%.)
- After all the adjustments, be sure to thoroughly check all connections.

COMMENTS

- Observe proper tire inflation level with the information provided by the manufacturer on the sides of the tire.
- Use a pump with a pressure gauge or manual pump cycling.

EVERYDAY USE AND MAINTANCE

- Clean the upholstery and frame with a moist cloth, without the addition of detergents and other similar chemicals.
- Systematically remove the dirt from the movable elements of the wheelchair (screws, resistance mechanisms).
- Keep clean all wheelchair elements to save functional parameters of the product.
- Storing in rooms of very high humidity (baths, laundries etc.) or in the open air, in the combination with the lack of hygiene will cause the fast loss of functional and aesthetic parameters.
- Do not expose the wheelchair on to extreme weather conditions (rain, snow very strong sun), because certain parts can change colour.

You must not use:

- solvents,
- toilet detergents,
- sharp brushes and hard objects,
- detergents that contain chlorine,
- corrosive detergents,

Do not clean the exerciser with pressure or steam aggregates!

TECHNICAL REVIEW

The review should be carried out regularly, it should be preceded by thorough cleaning the wheelchair (so as to reveal any hidden damage).

Frequency	Object of control	Comments
Before first installation	Checking the technical condition and all the elements within the packaging.	Check if any elements have any visible mechanical damage.
Before each use	Control of wheels, brakes,	The brakes can worn out, check the condition of the brakes before each use. You should also check the condition of wheels and clean them from dust and sand.
Every two weeks	Screw and nut control regarding their	Make sure if all the screws and top

	correct fixing.	are fixed tightly.
Every two months	Cleanliness and general condition.	In case of mechanical damage contact the producer immediately.
Once a month	wheel axles	Wheel axles must be conserved, setting between the axle and the hub a few drops of lubricant preservative. In addition, make test each wheel. Raise the wheelchair so that the tested wheel was located above the ground, the wheel should rotate freely but without backlash on axle.
Once a month	State connections, threaded, soldered	Pay attention to the cracks on frame material in connections threaded, soldered, the system of quick release rear wheels.
Once a month	Condition of the tires	Make sure that the tire tread is not worn and that the tires have no visible signs of damage.

Repair

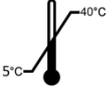
- In case of reparation, please contact the producer..

Customer service

- If you have any questions or need help, contact the producer.

8. Technical paramets

Permitted user weight	110 kg 
Usage period:	5 years since production date
Wheelchair hight	900 mm
Wheelchair width	670 mm
Wheelchair lenght	1100 mm
Seat width	450 mm
Seat depth	410 mm
Back width	450 mm
Back lenght	330 mm
The dimensions of the wheelchair after folded	900 x 830 x 320 mm
wheelchair weight	20 kg + / - 5%
Wheelchair weight without components	16 kg + / - 5
Minimum turning radius	115°
Material	Frame steel; upholstery: polyurethane, polyethylene; rubber
Rear wheels diameter	24", (diameter 610 mm)
Front Wheel Size	diameter 190 mm

Maximum safe slope	
Description of the environment in which the product will be used	
Temperature of storage and use	
The humidity for the storage and use	From 30% to 70%
	Printed on the product
Tools necessary to adjustment	Wrench numbes 10, 13

9. Symbols



Confirmation of compliance with EU standards



Manufacturer



Date of production



Read the user's manual



Warning



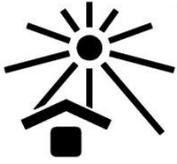
Catalog number



Serial number



Protect from humidity



Protect from sunlight



Permitted user weight.



Use inside and outside buildings



Maximum safe slope.



The product is intended to transport by car.



The product is not designed for use as a seat to transport in a motor vehicle.



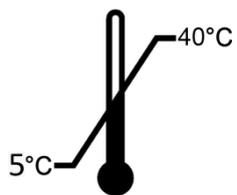
Unique Device Identifier



The possibility of fingers jamming.



Do not stand on the footrest



Temperature of storage and use



Medical device

Contact details



mdh Sp. z o.o.
ul. Maratońska 104, 94-007, Łódź, Polska
tel. +48 42 674 83 84
fax. +48 42 636 52 21
www.mdh.pl www.viteacare.com

