





INSTRUCTIONS FOR ASSEMBLY, USE & CARE

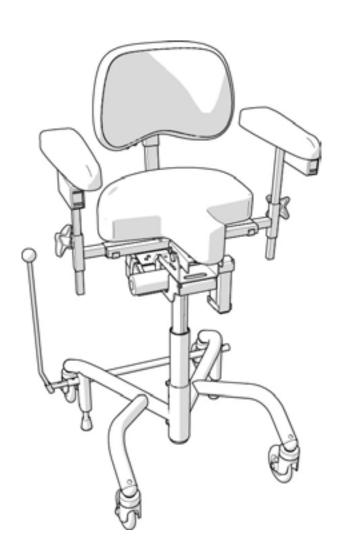
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REAL 9500/9600 EL 24V is a Class I medical device. It is CE marked in accordance with the Swedish Medical Products Agency's code of statutes for medical devices, LVFS 2003:11, and has been tested and approved in accordance with EN 1335 and IEC 60601-1-2. All textiles used in the chair have been tested and approved in accordance with EN 1021-1 and EN 1021-2. Mercado Medic AB is certified to ISO 9001, ISO 14001 and ISO 13485 and complies with applicable labour and environmental legislation.

If you have any questions about your product, or if something unexpected happens, please contact your prescriber first; otherwise you are welcome to contact us at Mercado Medic AB.

PDF versions of our instructions for use and care with magnification options can be found on our website: www.mercado.se. Information is also provided on the website about accessories that can be fitted to Mercado Medic's chairs, together with any field safety notices, prescribing support, or recalls of products and accessories.

We reserve the right to make changes to this manual and its contents.



YOUR REAL® 9500/9600 EL 24V

☐ Manual (9500)

☐ El 24V (9600)

☐ PLUS

☐ H-base

Sufficient competence in the safe use of this product is achieved by carefully reading through these instructions for use and care before using the chair for the first time.



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FAMILIARISE YOURSELF WITH YOUR REAL 9500/9600 EL 24V

NECESSARY INFORMATION BEFORE USE

- 1. Adjust the armrests to a suitable height and lock the knob for height adjustment.
- 2. Fit the backrest support post in the intended bracket and lock the knob for height adjustment of the backrest.
- 3. Fit the brake lever in the intended bracket (left or right side). Does not apply to electric brakes.
- 4. All knobs and levers must be tightened before sitting in the chair.
- 5. The brake on the chair must always be applied when getting in and out of the chair. The brake must be checked on a regular basis.
- 6. Applies to electric chairs: Charge the chair according to the instructions in this manual. NOTE! The chair should be charged daily.
- 7. The chair must not be used with the back and/or armrests removed.

IMPORTANT INFORMATION & CLASS

The REAL chair has interchangeable components, accessories and functions with setting options for individual adaptation. The chair must only be used by the person for whom it was prescribed and for the purpose for which it is intended. The chair is intended for indoor use only and must not be used outdoors. The chair must not be exposed to extreme cold or heat, prolonged sunlight or other radiation. The chair must not be exposed to water, other fluids or chemicals. Warning! Metal surfaces may become very hot if they are exposed to direct sunlight. The chair must not be equipped with any other accessories or components other than those approved by Mercado Medic AB. To maintain the CE marking, modifications or changes must not be carried out without Mercado Medic AB's approval http://mercado.se/mercado-dokument/. Repairs and other technical measures may only be carried out by personnel authorised by Mercado Medic AB. Read this manual carefully before using the chair for the first time.

- REAL 9500/9600 EL complies with protection class II, Internal battery.
- REAL 9500/9600 EL classifies as protection type B.
- REAL 9500/9600 EL has been EMC tested and tested in accordance with EN 60601-1-1 and EN 60601-1-2, and must therefore be handled in accordance with our instructions for use and care.
- REAL 9500/9600 EL complies with IP21. IP2X covers contact protection for fingers etc., preventing access to hazardous parts with fingers or similar. IPx1 covers vertical drip protection, light shower from above.
- Max. user weight, adult: REAL 9500/9600 MANUAL 140 kg. REAL 9500/9600 EL 150 kg.
- Maximum user weight, child: REAL 9500/9600 MANUAL 75 kg. REAL 9500/9600 EL 75 kg.
- REAL 9000 9500/9600 is approved to stand with the brake applied on inclines of up to five degrees in all directions. If the chair is parked with the brake applied on steeper inclines, it may begin to slide.
- NOTE! The electrical functions on REAL 9500/9600 EL chairs may be used for a maximum of 10% of the time (maximum 2 minutes per 20 minutes). The electronics measure activity and shut down the electrical functions if this limit is exceeded.
- Only tested and approved batteries and chargers from Mercado Medic AB may be used with REAL 9500/9600 EL.
- Warning! Do not plug any accessory, other than those customised by Mercado Medic AB, into the control system's contacts.
- Mercado Medic's armrests, seats, backrests, etc. have been developed and produced to be free from toxic substances and allergens.
- The chair is tested and approved for use between +5°C and +40°C and 15 to 90 % non-condensing humidity.
 If the chair has been stored in an environment outside these limits, it must be left to acclimatise before use in order to ensure that it can be used safely.
- REAL 9500/9600 EL has an electric lifting mechanism that can lift the patient so high that, in the worst case, a risk is introduced. If the patient cannot get out of the

- chair from its highest position, the seat height should never be set higher than the position at which the patient's feet touch the ground. The only exception to this is cases where the patient can summon help via a home-help alarm or telephone.
- If the REAL 9500/9600 EL is equipped with leg support, the user's feet must remain on the footplate when using the electrical functions.
- The chair must be operated with care. Before moving off, consideration must be given to the surroundings.
 Any pets or children on the floor could be easily run into. The chair must only be used to sit on and should not be regarded as a toy by either children or adults.
- REAL 9500/9600 EL is approved for transportation/ storage at temperatures between -25°C and +60°C, and in up to 90% non-condensing relative humidity.
- The chair must be transported in the intended cardboard box on a pallet. If the chair is transported by car, it must be strapped in place using straps over both the base and the seat, and it should be set to the lowest possible seat height.
- Repairs and other technical measures may only be carried out by personnel authorised by Mercado Medic AB
- The chair must not be used at altitudes greater than 2,000 m above sea level.
- REAL 9500/9600 is always delivered as standard with seat, backrest and armrests, and a handheld controller for chairs with electrical functions.
- REAL 9500/9600 must not be moved when the seat is in the raised position.
- The warranty period is two (2) years unless otherwise agreed. For warranty cases, please contact Mercado Medic AB.
- The max. service life is ten (10) years.
- REAL 9500/9600 can be supplemented with a variety of accessories. All accessories must be installed so that there is no risk of small parts (such as fuses, etc.) coming loose. All cables must be secured with cable ties to the chair's frame to minimise the risk of strangulation.

EXPECTED SERVICE LIFE

The expected service life of the Product is ten years when used in accordance with the instructions in this manual. The Product's date of manufacture can be found together with the serial number on one of the silver labels on the Product's chassis, marked with Lev/Del and stated in the format YYWW (number of year and week).

As a user of the Product, you should contact your prescriber, technical aids centre or distributor if the Product shows reduced or altered performance.

After the expected service life, it is important to make an overall assessment of the Product before continuing to use it. After the expected service life, Mercado Medic AB cannot guarantee the suitability and safety of the product, as Mercado Medic AB has no control over how the product has been used and wear and tear. The overall assessment of the Product should be carried out by the healthcare organisation if the product is prescribed, and, as a minimum, should take into account how the Product has been used, the condition of the Product and its component parts, whether the Product has been reconditioned and been serviced, when this occurred, what actions have been taken on these occasions and the reason for the actions.

In markets outside Sweden and Norway where a distributor has sold the Product directly to the user (where applicable), and therefore there is no responsible prescriber, periodic maintenance must be carried out according to instructions in the section Reconditioning and Service in addition to the overall assessment above.

After the expected service life, Mercado Medic AB cannot guarantee the provision of spare parts. CE marking is not affected by expected service life.

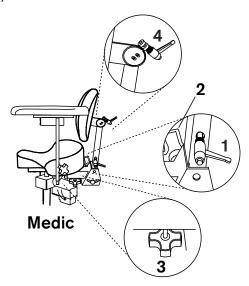
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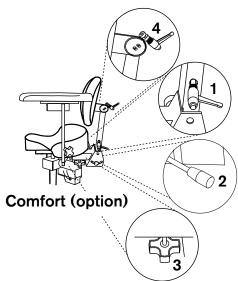
BACKREST MECHANISM

The Medic back mechanism is available in a low and high design (illustrated chairs have low back). The back mechanism has separate controls for height (1), angle (2) and depth (3), and the angle of the back itself is adjusted using the knob (4). Loosen the knob, set the desired position for each adjustment and then lock the knob.

PLEASE NOTE! Make sure that the Medic back recliner is adjusted in the bracket so that the spring button clip locks and the back recliner cannot be pulled out.

The Comfort back mechanism is available in a low and high design (illustrated chairs have a low back). The back mechanism has separate controls for height (1) and angle of the backrest (2). Loosen the knob, set the desired position for each adjustment (1) and (2), and then lock the knob. The angle of the back recliner is adjusted using the lever (3).

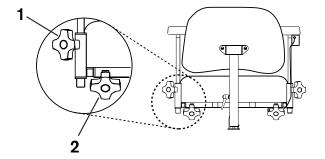




ARMRESTS

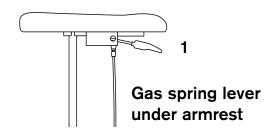
The armrests can be height and width-adjusted on each armrest U-bar. Loosen the knob to adjust the height (1) or width (2), set the desired width/height, and then lock the knob.

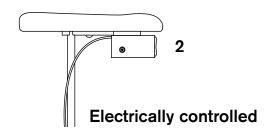
PLEASE NOTE! Make sure that the armrest is adjusted into the bracket so that the spring button clip locks and the armrest cannot be pulled out.



SEAT HEIGHT/LIFTING MECHANISMS

The height of REAL 9500 is adjusted manually using the lever (1) under one side of the armrest (standard right). Lift the lever to adjust the height. On the REAL 9600 EL 24V, the seat height is adjusted with the rocker switch (2). The top part of the switch is pressed to raise the seat, and the bottom part of the switch is pressed to lower the seat. Control with paddle, pull the rocker up to raise and down to lower the seat.



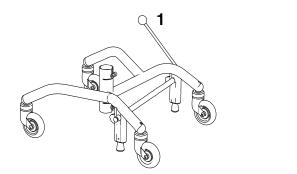


BRAKE

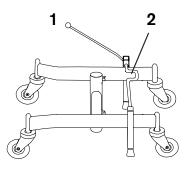
The handbrake is controlled using lever (1). To apply: move the lever backwards. The brake lever can be fitted to either side of the chair. Chairs equipped with H-bases can also be braked using the foot (2).

PLEASE NOTE! The brake on the chair must always be applied when getting in and out of the chair. The brake must be checked on a regular basis. In case of wear, change the brake rubber. The braking function may be reduced on uneven surfaces.

If the chair has an electric brake, this is controlled using the red button (3). It has a holding circuit and only requires a short press to activate the braking function. To brake the chair, press button (3) again.



PLUS base with backward brake



H-base

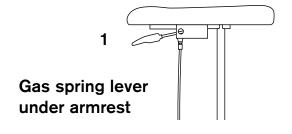


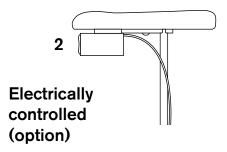
Electric brake (option)

SEAT TILT

The gas spring tilt is controlled by a gas spring. It is operated using the lever (1) under one side of the armrest (standard left). The armrests are not included in the tilting to ensure the best control in all tilt positions.

If the chair has electric tilt, this is operated using control (2) under one side of the armrest (standard left). The armrests are included in the tilting to ensure the best support in all tilt positions.





CHARGING

Battery charger 2240-24V (article no. 804428) must be used to charge the chair. Because the chair is certified as a unit together with the charger, additional tests are required if you want to use a different charger. If using a different charger or different batteries to those which are provided alongside the product by Mercado Medic AB, the CE marking and Mercado Medic AB's product liability will cease to be valid for any cases regarding the battery, charging or other electronics of the chair. The battery should be charged on a daily basis. Fully charging the battery on a daily basis will take 2-6 hours. In order to preserve the battery's service life, it is important that it never becomes fully discharged, as this can damage the battery cells. If the chair is equipped with a handheld controller, the battery level can be determined by checking the indicator lights (1). On a full charge with a high electric lifting mechanism, you can raise the chair fully up/down up to 120 times with a load of 80 kg, or up to 90 times with a load of 150 kg.

HOW TO CHARGE THE CHAIR

Connect the contact plug (2) on the charger to the charging outlet (3) (the charging outlet can be placed under the chair's seat or armrest, depending as requested). Then plug the charger into a wall socket. The LED on the charger will indicate that charging is under way. When the LED changes colour from orange to green, the battery is fully charged.

None of the electrical functions will work while the chair is charging. The chair must be charged in a safe manner. For this reason, choose a wall socket that is easily accessible to plug the charger into. The charger's cable is 1.8 m and must not be extended. In case of emergency, disconnect the chair from the mains by unplugging the charger from the wall socket. Do not sit on the chair when it is charging.

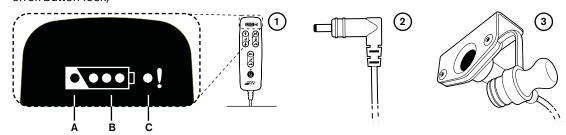
CONNECTING AND DISCONNECTING THE BATTERY

During longer periods of storage, the battery automatically goes into sleep mode after seven days. The battery can also be forced into sleep mode by connecting a 9V power supply (article no. 804823) to the charging outlet and waiting at least five seconds before disconnecting the power supply. If the handheld controller is used, all of the indicator lights will flash when the battery is in sleep mode and the power supply can then be disconnected. When the battery is in sleep mode, the battery must be charged every four months to maintain its function. If these charging instructions are followed, the battery will maintain sufficient capacity for four years. To reconnect the battery to the system again, connect the battery charger to the charging outlet and wall socket. Wait at least five seconds before disconnecting the battery charger. The battery is now activated again and the system is ready for use. We recommend leaving the charger in place and fully charging the battery after the product has been stored with the battery in sleep mode.

BEFORE FIRST USE

This product is supplied by Mercado Medic AB with the battery in sleep mode. Before using for the first time, the battery must be connected to the system. This is done by connecting the battery charger to the charging outlet and the wall socket. Keep the battery charger connected until the battery is fully charged. This will be indicated by a green light on the charger's LED. If you are using the handheld controller, this will also be indicated by the three green battery LEDs on the controller, which will start to flash at the same time. The battery may also need to be charged when it has been in sleep mode, as a certain degree of self-discharge always occurs for batteries.

- A. Charging is required
- B. Battery level
- C. Warning light (internal error/button lock)



CHARGING, CONT.

PLEASE NOTE!

It is particularly important to charge the battery on chairs with electric brakes, electric tilt mechanisms and electric backrests because these functions require a high battery capacity to be maintained. Guarantee these functions by recharging the battery once a day. The battery may only be replaced by personnel authorised by Mercado Medic AB.

See assembly instructions, Battery Replacement.

TROUBLESHOOTING FOR ELECTRICAL FUNCTIONS ON YOUR CHAIR

There are no movements at all:

The battery might need to be charged. See the instructions on the previous page.

An internal error may have been detected by the system, which then shuts down one or all of the function channels and switches on the warning light on the handheld controller. The system will be reset automatically after 10 seconds. If the error has been resolved, then all channels will be unlocked and the warning light will be switched off.

The button lock may be enabled. To enable or disable the button lock for a function, press and hold both of the directional buttons of the relevant function for at least three seconds.

The electrical functions on the chair are slow:

The battery needs to be charged. See the instructions on the previous page.

If none of the above measures are able to resolve the problem, servicing may be required. Please contact your dealer or get in touch with Mercado Medic AB. You will find our contact details on the last page of this manual.

EMERGENCY STOP

If, for whatever reason, the system does not interrupt a movement after the corresponding function button has been released, the movement can be interrupted by pressing down any of the other buttons on the handheld controller. If a fixed control unit is being used instead of a handheld controller, the same emergency stop function can be initiated by pressing the button for movement in another direction.

CLEANING AND CARE

- · The chair should be wiped down and kept clean from dust and dirt.
- The chair should be washed using a disinfectant with PH 7-12 (concentrated), with the exception of the padding.
- Plush upholstery has to be washed with a foam wash:
 - 1. Remove loose dirt, crumbs and the like.
 - 2. Apply a thin layer of foam and rub the foam in evenly with a damp cloth.
 - 3. Wipe with a clean and lightly dampened cloth.
 - 4. Vacuum clean when dry.
- Artificial leather has to be washed with soapy water or alternatively wiped down with an alcohol solution, e.g. disinfectant.
- Leather upholstery requires a little extra maintenance:
 - Spills must be wiped up immediately with a damp cloth; never use strong cleaning agents.
 - Prevent upholstery from coming into contact with personal care products, such as make-up, hair gel, etc.
 - Do not allow pets on leather furniture, as their claws may scratch the leather.
 - Avoid direct and prolonged exposure to sunlight, as this can cause the leather to fade over time.
- For functional reasons, seats, backrests and other padded parts are not made from impermeable materials. Padded parts should be replaced during reconditioning for hygienic reasons.
- The electric lifting mechanism should be checked regularly for dust, dirt and stability: Raise the seat to its highest
 position. Clean with a cloth. Do not use any water or solvents. Then lubricate the cylinder using a thin layer of Teflon or
 silicone-based grease.
- The user or their assistant should remove dust, wipe clean and dry off the padded parts on the chair in accordance with the instructions above to the best of their ability and as needed. If this is not done satisfactorily, the chair will need to be reconditioned in order to guarantee hygienic safety.

! Important information for reconditioning and servicing REAL 9500/9600 EL (hereinafter referred to as the Product):

- The Product does not require periodic maintenance in cases where it has a responsible prescriber in the healthcare sector. In markets outside Sweden and Norway where a distributor has sold the Product directly to the user (where applicable), and therefore there is no responsible prescriber, periodic maintenance must be carried out every other year throughout the Product's entire life cycle according to sections 1-10 in this section.
- A thorough visual inspection must be performed of the Product's main components in connection with service and reconditioning in order to ensure the user's safety. These include the base, lifting mechanism, seat frame, back recliner and U-bars for armrests. The inspection must include welds, lockable functions and settings.
- The user must not sit in the Product while it is being reconditioned or serviced or during maintenance.
- Do not use high pressure washers when cleaning the Product.
- When checking the PLUS base, always inspect the weld between the base's front and rear legs. Any indication of cracks in the material or paint in this area should be regarded as reason to replace the base, or the Product.
- In case of reduced braking action, check both the stability of the base and the condition of the brake rubber. If the Product is not resting on all four wheels in the unbraked position, the Product must be withdrawn from service immediately. Check for instability in different locations and directions to rule out the floor as the cause of any instability.

RECONDITIONING INSTRUCTIONS CHECK POINTS 1. Electronics unit ☐ 1.5. Electric seat tilt / function ☐ 2.2. Rotation lock / lubrication Check that the actuator is not visibly Check that there is no play in the ☐ 1.1. Electronics/function/cleaning damaged. Check the function of the electric lifting mechanism in the Check the electronics and see which direction of rotation. If there is, actuator's moving parts. Ensure that electrical functions are connected. all locking screws are tightened to replace the electric lifting mechanism. Test electrical functions; if the chair avoid any play in the end position. The electric lifting mechanism can be does not work, try connecting the sent to Mercado Medic AB for repair/ charger for at least 10 seconds. Check ☐ 1.6. Electric backrest / function reconditioning. for any damage to the electronics box. Check that the actuator is not visibly ☐ 2.3. Attachment / tightening damaged. Check the function of the ☐ 1.2. Control unit / function / Check that the seat frame and actuator's moving parts. Ensure that cleaning all locking screws are tightened to base are correctly assembled and Check the functions of the controls, avoid any play in the end position. tightened. and check that the housing is intact and that all buttons are working. ☐ 1.7. Electric brake / function ☐ 2.4. Cabling / wear Wipe the controls with a cloth lightly Check that the actuator is not visibly Inspect cables for any signs of wear, dampened with disinfectant; this is damaged. Check the function of the pinching or crushing. to avoid the risk of cross-infection. actuator's moving parts. Ensure that 3. Chassis Do not use solvents, bleach, polishes, all locking screws are tightened to synthetic detergents, polishing waxes avoid any play in the end position. ☐ 3.1. Welds or sprays on the chair. Check all welds carefully for signs of Check all joints and that the clamp ☐ 1.3. Connectors / attachment cracks, corrosion, movement, etc. mounting on the brake shaft and base Check that cables and connectors are tube is correctly positioned. ☐ 3.2. Bolted joints intact and properly secured. Make 2. Electric lifting mechanism Check and tighten all bolted joints. sure that cables and connectors Replace screws that have damaged cannot be pinched or crushed. ☐ 2.1. Noise / sliding clutch heads or threads. Listen for any abnormal noise in 1.4. Batteries/battery charger/ 4. Brakes the electric lifting mechanism, and function replace the electric lifting mechanism ☐ 4.1. Function / wear Check that the charger is working if a bearing is defective in any way. Replace the brake rubber and check and that the housing and cables are The electric lifting mechanism can be undamaged. that the brake is working properly. sent to Mercado Medic AB for repair/ Check the batteries' voltage and that reconditioning. ☐ 4.2. Plastic plugs / guide bushings there is not too great a difference Make sure that guide bushings and Load the chair and check that the between the batteries' charge; this plastic plugs are properly secured, electric lifting mechanism does not

indicates that a battery cell has failed.

slip to lowered. Otherwise ensure the correct torque for the sliding clutch.

and replace worn or damaged parts.

RECONDITIONING AND SERVICE, CONT.

5. Castors turn easily and are securely locked with the counter nut. □ 5.1. Function / roll / swivel □ 9.1. Restoration 7. Backrest mechanism Remove hair and dust from the castors and check castors and castor □ 7.1. Function / wear housings for wear and play, which Check and replace any worn parts, may indicate defective bearings. potentially placing them in storage. and make sure that moving parts are Check that the castors swivel and the working correctly. housings rotate as expected. Replace ☐ 7.2. Attachment / tightening castors if necessary. Check that all screws, knobs and ☐ 5.2. Attachment / tightening wheels lock properly and that the Check that the castors' screws are spring button clips are working intact and tightened. correctly. 6. Seat frame ☐ 7.3. Plastic plugs / guide bushings ☐ 6.1. Mechanics / welds Make sure that guide bushings and Check all welded parts carefully plastic plugs are properly secured, (especially when mounting tilt and replace worn or damaged parts. mechanisms, as these parts carry the ☐ 7.4. Backrest / replacement / most load). cleaning ☐ 6.2. Bolted joints / tightening Replace the backrest with a new one Check and tighten all bolted joints. and wash or replace any covers. Replace screws that have damaged ☐ 7.5. Gas spring lever / function heads or threads. Check the gas pressure and stability ☐ 6.3. Plastic plugs / guide bushings of the gas spring. Ensure that it locks Make sure that guide bushings and securely and that there is no gradual plastic plugs are properly secured, change in the backrest angle when and replace worn or damaged parts. loaded. Check and replace damaged wires and sheaths. ☐ 6.4. Seat / replacement / cleaning 8. Armrests Replace the seat with a new one and wash or replace any covers. □ 8.1. Function / wear ☐ 6.5. Control / lubrication Check and replace any worn parts and make sure that locking mechanisms Make sure that all knobs and wheels and moving parts are working on the seat frame are working and correctly. that they lock correctly. □ 8.2. Plastic plugs / guide bushings ☐ 6.6. Gas spring tilt / function Make sure that guide bushings and If the chair is equipped with gas plastic plugs are properly secured, tilt controls, check that these lock and replace worn or damaged parts. securely and that there is no gradual change in tilt when loaded. Check and 8.3. Armrest plates / replacement replace damaged wires and sheaths. / cleaning ☐ 6.7. Crank tilt controls / wear Replace armrest plates with new ones. If the chair is equipped with crank tilt controls, check that there is no play ☐ 8.4. Armrest mechanics / function and that all screws are tightened. Check all welds and that there is no ☐ 6.8. Coxit mechanism / control damage to the tube system that may impair or weaken the structure. Make sure that the knobs for the flaps

9. Accessories

Remove any accessories that are not normally installed on the chair and inspect them as detailed below before

☐ 9.2. Mechanics

Check all welds and that there is no damage to mechanical parts that may impair or weaken the structure.

□ 9.3. Function / wear

Check and replace any worn parts and make sure that locking mechanisms and moving parts are working correctly.

☐ 9.4. Padded parts

Discard padded parts to prevent cross-infection, and discard or wash covers according to washing instructions.

10. Final inspection

□ 10.1. Testing

Test the chair's functionality and that all individual functions, electrical functions and brakes are working correctly. If the chair is to be stored for a period, the chair must be put in sleep mode using the appropriate 9V adapter to save the batteries.

CONTACT MERCADO

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