

MADE IN EUROPE



This product has been developed and manufactured using both raw materials and with production in Europe.

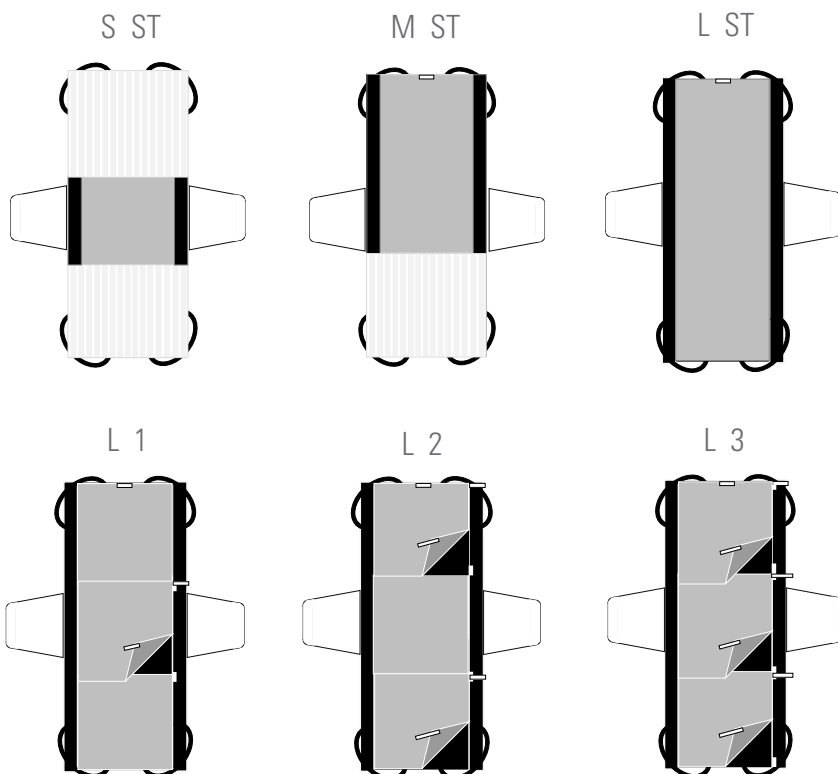
Choose quality, save money, and protect the environment.

(UK) User Manual

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Vario Cover

The **Original** Master Turner System



Regulation MDR 2017/745 for medical devices class 1



Article no.	HMI no.	Name - Size	UDI-DI/GTIN
MC 001-2601	108130	Vario Cover - L 1 D	5744001971116
MC 001-2604	114967	Vario Cover - L 2 E - uden vinger	5744001971123
MC 001-2605	124584	Vario Cover - L 2 E	5744001971130
MC 001-2606	124585	Vario Cover - L 2 E	5744001971147
MC 001-2607	124586	Vario Cover - L 3 E	5744001971154
MC 001-2620	109946	Vario Cover - L ST E 200x85	5744001971178
MC 001-2634	133120	Vario Cover - L ST E 220x100	5744001974094
MC 001-2635	112739	Vario Cover - XL ST E 200x105	5744001973349
MC 001-2636	128019	Vario Cover - XL ST D 200x105	5744001971185
MC 001-2637	128020	Vario Cover - XXL ST D 215x120	5744001971192
MC 001-2660	126159	Vario Cover - S ST E 200x85	5744001971222
MC 001-2670	126160	Vario Cover - M ST E 200x85	5744001971239

ISO 12 31 03 21

The Original Nordic
Human Handling Concept



Developed &
Manufactured by:



master-care.dk

Thank you for choosing a product from master care A/S.

We recommend reading the user manual thoroughly before using the product (-s).

The information in this user manual applies to the shown products provided that the products have not been modified or customized and that the products have been used as recommended in this user manual.

If the customer changes, repairs or uses the product in other combinations than recommended by master care A/S the CE-approval no longer applies and the guarantee becomes void.

In case of doubt, contact master care A/S.

MDR (EU) 2017/745:

Products in this user manual is CE-approved and follows the harmonized standards. This means that the products are in compliance with the essential health and safety directives. The product(-s) comply with the standards in the Medical Device Regulation MDR (EU) 2017/745 – Class 1.

The intended use of the product/-s:

The intended use for the product is to reduce friction between the user and the mattress to make it easier for the helper and gentler for the user whilst turning, moving up/ downwards, and moving to sitting position on the edge of the bed. This product should always be used in combination with a Master Turner from master care a/s.

Proper use of the product:

The combination of the Mattress Cover and Master Turner from master care A/S constitutes a turning system, which can be used for users with a decrease in function where transfers in bed and between beds can be difficult.

Warning:

Always make sure not to position the user too close to the edge of the mattress if sitting on top of the Mattress Cover since this poses a risk of sliding off/down. If the user is transferred to a sitting position on the edge of the bed, always make sure the knees have a 90-degree angle, the feet can reach the floor and to have enough non-skid under

the user's thighs.

Risk assessment:

Always make a risk assessment and a functional assessment of the user prior to using the product. This way using the product for transferring or moving a user, is ergonomic and legally sound.

Knowledge of the product/transferring:

It is important that the user of the product has been properly instructed in the use of the product and has read the user manual thoroughly prior to using the product.

master care A/S provide education in the use of products and on our website all user manuals can be found.

Life span:

The expected life span of products with nylon sliding material with daily wear and tear and washing averagely is 1-3 years. The products life span depends on the use, load and how often it is washed/dried. Products without nylon sliding material have a much longer life span.

Products with insufficient friction reduction, defect seams, broken material or other deficiencies must be discarded. This way you will always keep a sound and healthy work environment for both helper and user.

Make visual inspections frequently and preferably before every use.

Guarantee:

master care A/S provide a 2-year guarantee covering material defects and manufacturing defects if the product has been used correctly.

Unintended events and injuries when misusing the products:

Unintended events must always be reported to the correct national authority and to master care A/S or the distributor.

master care A/S takes no responsibility for personal injuries or product damages if the product(-s) have been used in contravention of the by the manufacturer recommended intended purpose or proper use of the product.

User Manual - Vario Cover

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User Manual - Vario Cover

Mounting the Vario Cover:



1. Vario Cover S: Place the Mattress Cover on top of the mattress. Because the sliding material is not located in the middle of the Vario Cover, you can choose which end of the cover is best to place towards the head of the bed for optimal location of the sliding material under the user. Wrap the elastic band around each of the corners of the mattress without lifting.



2. Vario Cover M: Place the Mattress Cover with the black sliding material from the top of the back rest and down. The white material at foot end. Wrap the elastic band around each of the corners of the mattress without lifting the mattress.



3. Vario Cover L: If the Cover has sliding flaps, it is your choice to which side they should open – left or right. The anti-skid should be on the top side. Wrap the elastic band around each of the corners of the mattress without lifting the mattress.



4. Common for all covers: Slide the wings on the middle of the cover under the mattress without lifting the mattress. This keeps the cover in place during repositioning.



5. Place the corresponding Master Turner on top of the Mattress Cover with the nylon side downwards.



6. Your Turn System is ready.

Mounting the Vario Covers with D-rings:



7. Place the Cover on top of the mattress. Slide the long strap under the corner of the mattress, without lifting the mattress. Pass the strap through the 2 D-rings.



8. Pass the strap back through one of the D-rings.



9. Tighten the Cover by holding the D-ring with one hand and pulling the end of the long strap with the other. Repeat on all 4 corners.

User Manual - Vario Cover

Remove the sliding flap using the ceiling lift (1 helper):



10. Are you doing the transfer alone or if the user is heavy, use the ceiling hoist. Lift the bed rail on the opposite side. Connect the Master Turner to the hoist and elevate the user slightly.

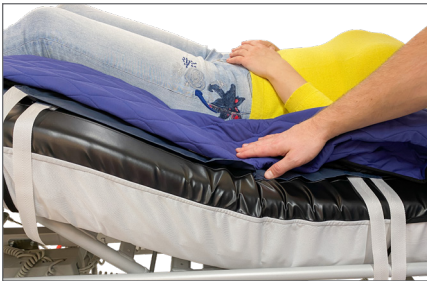


11. Open the two pieces of Hook-and-Loop-Tape on the sliding flap. Place the two white strap on top of the flap and slide them under the user e.g., under the knee, lower back, or neck. Lower the hoist. Pull up the bed rail.



12. Move to the opposite side, grab the straps, and pull them out. If the traps cannot be reached, connect the hoist, elevate, and pull the straps. Let the flap hang down visibly.

Remove the sliding flap manually (2 helpers):



13. Place the user the correct in bed.



14. Helper A grips the Master Turner and tips the user slightly. Helper B loosens the white strap and folds them on top of the flap and slides them towards Helper A.



15. Slide the straps towards the Helper A using the cavity under e.g., the neck, lower back, knee, or over the heel until resistance is felt.



16. Helper B pulls/holds the Master Turner, while Helper A grips the white straps and pulls them out. The sliding flap is removed.



17. Let the flap hang down visibly. This way it is very clear that the Master Turner is locked and cannot slide on this part of the Mattress Cover.

User Manual - Vario Cover

Replacing the sliding flap under the user manually (2 helpers):



18. Helper A holds the Master Turneren from the opposite side to make room for Helper B to reposition the flap. Fold the flap on top of itself and slide it under the user.



19. Slide the flap under the user from the middle and smoothen it out towards the sides. Repeat several times until resistance is felt.



20. Now bring the two white straps together and slide them under the user on top of the Mattress Cover. Use the cavities under e.g., the neck, lower back, knee, or over the heels.



21. Helper A slowly lets go of the Master Turneren and Helper B grabs it. This way the two white straps become reachable for Helper A.



22. If Helper A cannot reach the white straps Helper B can tip the user slightly to the side, if necessary, bend the user's legs and move the arm towards the chest.

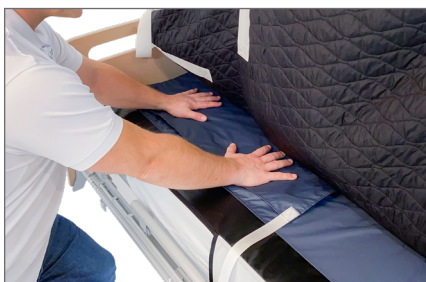


23. Helper A slides the flap in place via the white straps. Hereby all sliding properties are restored.

Replacing the sliding flap under the user using the ceiling hoist (1 helper):



24. Elevate the bed rail and go to opposite side. Connect the Master Turneren to the ceiling hoist and elevate slightly.



25. Place the hands on the bilayed flap. Slide the flap under the user from the middle and smoothen it out towards the sides. Repeat several times until resistance is felt.



26. Lower the hoist and detach the Master Turneren. Elevate the bed rail and walk to the opposite side.

User Manual - Vario Cover

Replacing the sliding flap under the user using the ceiling hoist (1 helper): - continued



27. Lift the Master Turner to see if it is possible to reach the white straps. If not, connect the hoist and elevate the user slightly. Pull the white straps to straighten out the flap. Reconnect the Hook-and-Loop-Tape and all sliding properties are restored.

Place the sliding flap manually using the Hand Master (1 helper):



28. Connect the ceiling hoist and elevate the user slightly. Place the flap bilayed between the Mattress Cover and the Master Turner. Put on the Hand Master on one or both hands.



29. Place the palms of the hands in the fold of the flap. Slide the flap under the user from the middle and smoothen it out towards the sides. Repeat several times until resistance is felt.



30. After sliding the flap under the user, slide the user a bit to the side, towards the helper. From the opposite side pull out the flap and reconnect the Hook-and-Loop-Tape to the Mattress Cover.

Stabilizing a user sitting on the edge of the bed – Mattress Cover 1 or 3 (1 helper):



31. If the 10 cm anti-skid does not stabilize the user enough when sitting on the edge of the bed, use the flap in the middle. Place the Mattress Cover so that the flap slides away from the user's legs.



32. The helper loosens the white straps and slides them backwards on top of the flap.



33. The helper pulls the flap backwards whereby the black anti-skid surface stabilizes and locks the Master Turner and thus secures the user's sitting position.

User Manual - Vario Cover

Advantages/disadvantages using Mattress Covers with no flaps (ST) or two flaps (2):



34. ST Cover: Cover without flaps. The cover does not have the ability to lock the Master Turner towards the Mattress Cover. This minimizes the risk of shear injuries for the user in case of misuse. As an alternative cushions and wedges can be used.



35. Vario Cover 1: With a flap under the pelvis to lock the Master Turner. The rest of the cover has permanent sliding properties. When sitting make sure to elevate the knee rest and have support under the feet, along with wedges and cushions to minimize the risk of shear injuries under the pelvis.

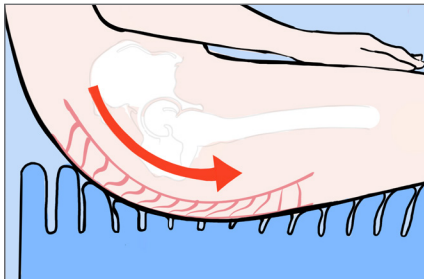


36. Vario 2: This cover has permanent sliding properties under the pelvis and flaps under the upper body and legs. This makes it possible to stabilize the upper body briefly during dressing, ADL, ect.. Long term removal of the flaps is not recommended due to the risk of shear and tissue injuries. It is recommended to use the Master Comfort cushions and wedges for positioning over longer periods of time – to optimize the sitting and lying position and to optimize the comfort.

Advantages/disadvantages using Mattress Covers with 3 flaps:



37. The cover can lock under respectively legs, upper body and pelvis when removing the flap. Long term removal of the flaps is not recommended due to the risk of shear and tissue injuries. It is recommended to use the Master Comfort cushions and wedges to optimize the longer lasting sitting and laying positions and to increase the comfort.



38. SHEAR INJURIES: Locking the flaps will lead to no micro movements for helpers or user. The Master Turner should not be locked over time, as this can lead to shear and tissue injuries for users with sensitive skin.



39. Removing the flap under the pelvis should only take place after a thorough skin assessment and risk assessment of the user's skin. A better alternative is using Positioning Wedges – XS under the thighs, Positioning Cushion – S under the feet and possibly Positioning Wedges – M along the sides of the upper body to stabilize the user and minimizing the risk of tissue damage.

Using wedges and cushions with the Vario Cover:



40. It can be an advantage to use strategically placed positioning cushions and wedges instead of the flaps. The use of cushions and wedges can reduce the risk of tissue and shear injuries caused by misuse of the Mattress Cover and inappropriate positioning.



41. Always place the user's pelvis correctly in the bed according to the head and midsection, before placing the positioning cushions and wedges.



42. To stabilize the sitting position the Positioning Wedges - XS are essential under the thighs. The wedges angles combined with the anti-skid surface of the wedge supports the optimal position. The pelvis can still be moved although the user does not slide down in bed.

User Manual - Vario Cover

Using wedges and cushions with the Vario Cover: - continued



43. A Positioning Cushion under the feet gives the user a great body perception and awareness along with the opportunity to adjust the position. It reduces the sliding down in bed and the risk of contracture of the calf muscles. Fully elevate the knee rest and elevate the back rest afterwards.



44. The wedges along the sides create great body perception and awareness and they reduce the risk of the upper body sliding to one side. Place the wedges under the Master Turner to support the user's movements, but still creating a safe environment.

User Manual - Vario Cover

Technical Specifications

Materials:

Polyester, polyamide, polyurethane, lycra, nylon.

ISO certifications:

ISO 12952-1:2015

Textiles – Assessing the ignitability of all bedding items, when subject to a smouldering cigarette.

DS/EN ISO 12952-2:2010

Textiles – Assessment of the ignitability of bedding items – Part 2: Ignition source: match-flame equivalent.

Article no. - Product Name:	Size:	Sliding piece:	Handles :	Max. User Weight:
MC 001-2601 Vario Cover - L 1 D	L 200 x W 85 cm	L 200 x W 65 cm	1	200 kg
MC 001-2604 Vario Cover - L 2 E - without wings	L 200 x W 88 cm	L 200 x W 68 cm	2	200 kg
MC 001-2605 Vario Cover - L 2 E	L 200 x W 90 cm	L 200 x W 70 cm	2	200 kg
MC 001-2606 Vario Cover - L 2 E	L 200 x W 85 cm	L 200 x W 65 cm	2	200 kg
MC 001-2607 Vario Cover - L 3 E	L 200 x W 85 cm	L 200 x W 65 cm	3	200 kg
MC 001-2620 Vario Cover - L ST E	L 200 x W 85 cm	L 200 x W 65 cm	0	200 kg
MC 001-2634 Vario Cover - XL ST E 220x100	L 220 x W 100 cm	L 220 x W 80 cm	0	400 kg
MC 001-2636 Vario Cover - XL ST E 200x105	L 200 x W 104 cm	L 200 x W 85 cm	0	400 kg
MC 001-2636 Vario Cover - XL ST D 200x105	L 200 x W 105 cm	L 200 x W 85 cm	0	400 kg
MC 001-2637 Vario Cover - XXL ST D 215x120	L 215 x W 120 cm	L 215 x W 105 cm	0	400 kg
MC 001-2660 Vario Cover - S ST E 200x85	L 200 x W 85 cm	L 65 x W 65 cm	0	200 kg
MC 001-2670 Vario Cover - M ST E 200x85	L 200 x W 85 cm	L 140 x W 65 cm	0	200 kg

WARNINGS



Never leave the user on the product when lying on the edge of the bed.



Never leave the product on the floor.



Always make sure that the user is not caught in the straps.



Make sure that all relevant brakes are activated before transferring the user.



CE-certification:

This product is CE-approved and follows the harmonized standards. This means that the products are in compliance with the essential health and safety directives. The product(-s) comply with the standards in the Medical Device Regulation (EU) 2017/745 – class 1.



User Weight:

Recommended max. user weight:
L 200 kg, XL and XXL 400 kg.



Washing:

Products *with* Hook-and-Loop tape can be washed in a washing machine at max. 60 °C.



Products *without* Hook-and-Loop tape can be washed in a washing machine at max. 85 °C. Gentle washing significantly prolongs the durability.



Detergents pH level:

This product tolerates detergents / disinfectants with a pH level between 5-9.



Fabric softener:

Never use fabric softener as this will reduce the sliding properties significantly.



Dry Tumbling:

This product may only be dry tumbled gently and at max. 40 °C. Airdrying prolongs the durability significantly.



Surface cleaning:

The surface of this product can be cleaned with a wet cloth and soap.



Hook-and-Loop tape

Connect the Hook-and-tape before washing.



Disinfectants:

This product tolerates alcoholic disinfectants with a pH level between 5-9.



Ironing:

Do not iron.



Dry cleaning:

Do not dry clean.



Bleach:

Do not bleach.



Maintenance:

Make visual inspections frequently and preferably before every use. Pay attention to torn fabric, seams and straps. Products with high friction or other deficiencies must be discarded.



User Manual:

Always read the User Manual thoroughly before using the product.



Disposal:

Always make sure to follow local guidelines when disposing or discarding the product.

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