

# Next Generation

## Positioning Cushions



Optimal  
positioning



# Next Generation Positioning Cushions

with a 24/7 focus

**Next Generation Positioning Cushions** are developed to stabilize and make sure that your patient is pressure relieved with the aim of making the best opportunities for 24 hour positioning.

All NGT cushions are filled with small, oval-shaped, dynamic bullets. They are soft and still able to stabilize. Even after 50,000 times of pressure loading, they still keep their shape and stability. The bullets are sealed, waterproofed, anti-bacterial and fire retardant. Other benefits of bullet technology include protection against heat and moisture accumulation.

**Next Generation Positioning Cushions have a weight and stability** that will make sure that the patient stays in position without collapsing of the cushion. The shape of the bullets ensures that the fillings will stay in the same positioning you have placed them, even over time. The cushion can be adjusted in areas, so it supports the person's body shape and needs. Next Generation Positioning Cushions also allow for micro positioning, for cases where isolation of tender or healing injuries is ideal.

**The fabric is made in a PU material, so it is breathable, stretchable, anti-bacterial, waterproof and fire retardant.** The PU material is approved against liquid penetration and used for PPE classification 3B Standard against Virus penetration.

Next Generation Positioning Cushions are easy to clean and maintain. We recommend wiping them with disinfectants. They will dry and be ready for use within a few minutes.

**Do you need further information about NGT Cushions?**  
Contact us at [info@makerehab.dk](mailto:info@makerehab.dk)

## Specifications

Cleaning	Wipe with disinfectants
Cover - Fabric	Stretchy and breathable
Waterproof	<b>Yes</b> - Approved according to ISO 811 Textile fabrics - determination of resistance to water penetration - hydrostatic pressure tested
Antibacterial	<b>Yes</b> - Approved according to: BS EN ISO 2286-2 Rubber- or plastic-coated fabrics - determination of roll characteristics - methods for determination of total mass per unit area, mass per unit area of coating and mass per unit area of substrate ISO 5978 Rubber- or plastic-coated fabrics - determination of blocking resistance BS ISO 22196 Plastics - measurement of antibacterial activity on plastic surfaces
Breathable	<b>Yes</b> - Approved according to: ASTM E96/E96M Test methods for water vapour transmission of materials
Fire Retardant	<b>Yes</b> - Approved according to: BS EN ISO 6940 Textile fabrics - burning behaviour - determination of ease of ignition of vertically oriented specimen
Biocompatibility	<b>Yes</b> - Approved according to: BS EN ISO 10993-5 Biological evaluation of medical devices - part 5: tests for in vitro cytotoxicity
Durability	<b>Yes</b> - Approved according to: BS EN ISO 7854 Rubber- or plastic-coated fabrics - determination of resistance to damage by flexing
Protective substance	<b>Yes</b> - Approved according to: BS EN 14605 Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (type 3) or spray-tight (type 4) connections, including items providing protection to parts of the body only (types pb [3] and pb [4])
Antistatic	<b>Yes</b> - Approved according to: DIN ISO 2878 Rubber, vulcanized - antistatic and conductive products - determination of electrical resistance



# Seahorse Cushion

Also available in Junior size

The cushion makes it possible to do a stabilized, side positioning with only one cushion. With only one cushion, one can easily reposition a client at 30, 70 or 90 degrees. The Seahorse Cushion can also be used for lateral positioning at 135 degrees and then placed in front of the person.

The shape and filling of the cushion is stable, and the weight gives the person the feeling of body delineation, so the person can feel safe. The pressure distribution prevents pressure ulcers. That combination gives a great starting point for regulating muscle tone contractures and spasticity, reducing pain and optimizing the respiration system.

*The Seahorse Cushion can be supplemented with Cylinder Cushion NTG11 and Book Support Cushion NTG 10, depending on the person's balance point. Alternatively, the Oval Cushion NTG13 or the Head Stabilizer NTG09 can be used with the Seahorse Cushion to treat contractures in UE.*



	Junior	
Length	180 cm	110 cm
Width	30 cm	18 cm
Height adjustable	6-12 cm	2-10 cm
Weight	4 kg	1,4 kg

	Junior	
Item Number	NTG01	NTG50
Accessories	Junior	
Jersey cover	NTGB-01	NTGB-50

Outer width:	Inner width:	
Length	124 cm	Adjustable 25-55 cm
Width	80 cm	
Height	4-18 cm	Weight 4,2 kg

Item Number	NTG02	
Accessories		
Jersey cover	NTGB-02	

# U-Cushion with Slope

The U-Cushion is the main element in a Semi-Fowler position with 30 degrees elevation of truncus and head.

The shape of the cushion makes sure that the Semi-Fowler positioning is stable with extra support of truncus and the head. The slope function gives you the opportunity to give extra tight support and stability around the hips and pelvic area. The Semi-Fowler position is retained for pressure relief, but also offers better respiration, optimizing the position for tube-feeding and other activities in bed. This gives the person a lot of tactile and proprioceptive feedback.

The U-Cushion can be used as a stabilizer around the pelvic area for persons who need extra support sitting in bed, on the edge of a bed, etc. The material weight and the quality of the filling prevent unstable positioning because it's possible to place it in direct contact with the body without heating up the person and without interrupting the microclima.

*The U-Cushion can be supplemented with a small Head Stabilizer (NTG08) or a large Head Stabilizer (NTG09) along the spine or to create a lumbar sway.*



## Fixzy Cushion small/medium

Fixzy Cushion is developed to make a safe and stable side positioning for people with reduced truncus stability. It allows people with reduced truncus stability and balance to lie in a side position, where the rectal angel is maintained. The cushions "Feet" are stabilized along the back/lower back and at the front along the chest. This reduces rolling and maintains a stabilized side positioning in bed.

The cushion is developed to create security and "hugs" for people with pain, agitation and restlessness, which are difficult to perform on persons with low hygiene and constipation, who can't maintain the angle without additional support along the spine and front. Fixzy Cushion offers a unique opportunity to provide Sense Integration on the front and back of the torso at the same time with just one cushion. The size depends on the person's hip width.

<sup>1</sup> The "Feet" are the end parts of the cushion, which are used to create support on either side of the person.  
<sup>2</sup> While wrapped around the person, it provides a hugging sensation, giving comfort to them.



Length	75 cm	Inner width:	
Width	33 cm	Adjustable	20-35 cm
Height	15 cm		
		Weight	2 kg

Item Number	NTG03
Accessories	
Jersey cover	NTGB-03

## Fixzy Cushion large/extra large

Fixzy Cushion is developed to make a safe and stable side positioning for people with reduced truncus stability. It allows people with reduced truncus stability and balance to lie in a side position, where the rectal angel is maintained. The cushions "Feet" are stabilized along the back/lower back and at the front along the chest. This reduces rolling and maintains a stabilized side positioning in bed.

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<sup>1</sup> The "Feet" are the end parts of the cushion, which are used to create support on either side of the person.  
<sup>2</sup> While wrapped around the person, it provides a hugging sensation, giving comfort to them.



Length	80 cm	Inner width:	
Width	40 cm	Adjustable	30-50 cm
Height	15 cm		
		Weight	2,3 kg

Item Number	NTG04
Accessories	
Jersey cover	NTGB-04



# Lap Cushion small

Also available in Junior size

The small Lap Cushion has many possible uses and combinations. It can be used in the lap for the purpose of relieving stress in the forearms, sensing stimulation and during sitting activities to support the arms and shoulder in a neutral positioning in bed, in a chair, shower commode, etc.

The weight of the cushion provides calmness and demarcation. For smaller people, it can be used as a stabilizer of the pelvis. It's possible to create symmetry and alignment people with prostheses or apoplexy patients in relation to tone regulation. The small Lap Cushion can also be used as a neck pillow, in order to create a stable position for people with reduced head control.

It also creates stability and pressure relief around drains, tubes, valves and/or fractures in the neck area.

*In addition, the Lap Cushion can also be used to support the thorax in prone position, and it can be supplemented with the small or large Head Stabilizer Small or Large (NTG08/NTG09) or in combination with the Book Support Cushion (NTG10).*



	Junior	
Length	55 cm	37 cm
Width	50 cm	37 cm
Height	8 cm	8 cm
Inner width, adj.	28-38 cm	18-28 cm
Weight	1,2 kg	1 kg

	Junior	
Item Number	NTG05	NTG53

Accessories	Junior	
Jersey cover	NTGB-05	NTGB-53

# Lap Cushion large

The large Lap Cushion has many possible uses and combinations. It can be used in the lap for the purpose of relieving stress in the forearms, sensing stimulation and during sitting activities to support the arms and shoulder in a neutral positioning in bed, in a chair, shower commode, etc.

The weight of the cushion provides calmness and demarcation. For larger people, it can be used as a stabilizer of the pelvis. It's possible to create symmetry and alignment people with prostheses or apoplexy patients in relation to tone regulation.

*In addition, the Lap Cushion can also be used to support the thorax in prone position, and it can be supplemented with the small or large Head Stabilizer Small or Large (NTG08/NTG09) or in combination with the Book Support Cushion (NTG10).*



Length	60 cm	Inner width:	
Width	60 cm	Adjustable	38-48 cm
Height	10 cm	Weight	1,5 kg

Item Number	NTG06
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Accessories	
Jersey cover	NTGB-06





# Semicircle Ear Cushion

Also available in Junior size

The Semicircle Ear Cushion prevents pressure on the ear. The design also allows the caregiver to expose smaller areas around the back of one's head, such as exposed bone protrusions, where the pressure would be distributed around the exposed area.

*Note:  
The filling is comparatively silent, when the person is placed, which is advantageous for persons who are sensitive to sound.*



	Junior	
Length	38 cm	35 cm
Width	18 cm	14 cm
Height	6 cm	6 cm
Hole	8 x 8 cm	7 x 7 cm
Weight	0,3 kg	0,25 kg

	Junior	
Item Number	NTG07	NTG54

Accessories	Junior	
Jersey cover	NTGB-07	NTGB-54

# Head Stabilizer small

Use the cushion to do the small and important repositioning.

The small Head Stabilizer can be used in many ways. It can easily be used to fill cavities in connection with malposition and contractures. It can also be used to create lumbar sway, when the pelvis tense or rotates backwards, which creates a better sitting position in a bed and chair.

*The Cushion is very useful for supporting loose tissue and can be used as a stabilizer together with Make Rehab's other NTG Cushions.*



Length	34 cm
Width	20 cm
Height	8 cm
Weight	0,3 kg

Item Number	NTG08
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Accessories	
Jersey cover	NTGB-08



# Head Stabilizer large

The size of the cushion optimizes stable support with a high level of pressure distribution around the head, neck and spine area. It is useful in the Semi-Fowler position. The cushion can also be used when lying on one's side, in-between their knees at 135 degrees, as back support for persons with balance support needs at 70 degrees and for self-support in combination with repositioning, where full delimitation is not necessary. In addition, it can be used in the supine position to support the arms and shoulder area. It can also be used to avoid pressure under the heels by placing it under the lower leg area.



Length	50 cm
Width	38 cm
Height	10 cm
Weight	0,6 kg

Item Number	NTG09
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Accessories	
Jersey cover	NTGB-09

# Book Support Cushion

The design of the cushion offers many possibilities of use and can be compared to a bookend, which creates stability where there is instability.

The Book Support Cushion can be used as a stabilizer pillow when lying on one's side, or in combination with either the Seahorse Cushion (NTG01) or the Flexo Cushion (NTG17). It can be used to support the elbow joint and forearm when the person lies in supine position or as a stabilizer when the caregiver provides wound care on lower legs and feet. It can also simply be used as a light lumbar back support pillow while lying sideways for persons with moderately impaired balance and truncus stability.

*It is particularly effective when used to support a knee, during pre- and post-operative interventions or as a stabilizer for fractures in the femur or lower leg. In this situation, we recommend combining it with either the Lay/Slope Cushion (NTG14) or the Cylinder Cushion (NTG11).*



Length	30 cm
Width	30 cm
Height	30 cm
Weight	1,2 kg



Item Number	NTG10
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Accessories	
Jersey cover	NTGB-10



# Cylinder Cushion

The Cylinder Cushion is another variant with great possibilities and functionality. It can be used as a stabilizer under the knees to avoid shear force and to prevent contractures. In addition to the supine, Semi-Fowler and side-lying position, where it is placed under the back, it is also very useful between the knees and/or in front during side-lying for agitated persons, who need reassurance and Sense Integration Stimulation. It is also useful to prevent drop foot and contraction in the ankle joints.

Finally, it can be used in conjunction with repositioning at 30, 70 and 90 degrees sideways. Here, the cushions act as a stabilizer behind the Seahorse Cushion (NGT01), to support contractual knee joints and make a larger support surface by filling cavities. The Cylinder Cushion is yet another example of great variety, usability and functionality all in the same cushion.



Length	60 cm
Width	25 cm
Weight	2 kg



Item Number	NTG11
Accessories	
Jersey cover	NTGB-11



Length	80 cm
Width	18 cm
Height	5 cm
Weight	0,4 kg

# Flex Arms for wheelchairs

The design makes it possible to create and recover the person's neutral position, where the arms are supported close to the body's midline. This supports the body's natural body movement. The Flex Arms create calmness, security and guidance, which has a great impact on the person's range of function and general condition.

The weight and design of the flex arms ensure that the person's arms are stable, and it is easy for the staff to place them and remove them if required.

*The Flex Arms for wheelchairs are universal and can be easily mounted on all types of wheelchairs and shower commodes.*



Item Number	NTG12
Accessories	
Jersey cover	NTGB-12





# Oval Cushion

The Oval Cushion is designed as a support cushion, which offers a lot of options in terms of filling the "cavity" between the body and the substrate. It can be used to create microstimulation with small adjustments changing the pressure distribution and preventing pressure ulcers. The cushion can be used to relieve specific body parts, for example, by securing bone protrusions around the elbow joint and ankle joint.

*A small cushion with a great effect and impact, from a 24-hour positioning perspective.*



Length	30 cm
Width	20 cm
Height	5 cm
Weight	0,2 kg

Item Number	NTG13
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Accessories	
Jersey cover	NTGB-13

# Calf/Slope Cushion

Also available in Junior size

The shape of the Calf/Slope Cushion helps to prevent incorrect postures, such as adduction and abduction around the knee area. It can be particularly effective when used with both the small (NTG05) and large (NTG06) Lap Cushion or the U-Cushion (NTG02). In this way you prevent incorrect posture in the pelvis area, which is always the starting point when correcting posture.

In addition, the cushion can be used in cases where the lying surfaces of the bed do not fit each person's unique size. In these cases, we recommend using it in combination with the Head Stabilizer (NGT09). If there is misalignment in the ankle joints (drop feet), use the Cylinder Cushion (NGT11) in combination with the Calf/Slope Cushion.



	Junior	
Length	60 cm	37 cm
Width	40 cm	27 cm
Height	5-26 cm	3-17 cm
Weight	3,2 kg	0,9 kg

	Junior	
Item Number	NTG14	NTG60

Accessories	Junior	
Jersey cover	NTGB-14	NTGB-60



# Butterfly Neck Cushion

The Butterfly Neck Cushion is designed to stabilize posture in the neck area for persons with reduced head control. The shape and filling forms inside the cushion, so that the desired position will be maintained, and failure sinking will be prevented. The size of the cushion ensures that the person's field of vision is not impaired, so the person is able to maintain his field of vision and maintain eye contact with the surrounding environment. This creates security, symmetry and pressure distribution without removing visual input.



Length	30 cm
Width	15 cm
Height	14 cm
Weight	0,4 kg

Item Number	NTG15
Accessories	
Jersey cover	NTGB-15

Length	40 cm
Width	26 cm
Height	5-10 cm
Weight	0,25 kg

Item Number	NTG16
Accessories	
Jersey cover	NTGB-16

# Heel/Arm Wedge Cushion

The Heel/Arm Wedge Cushion makes it possible to support a specific body part. The design and filling ensure that it keeps shape, and that it is possible to make total relief of pressure in the heels in connection with the prevention of pressure ulcers. The shape of the cushion and the filling makes it stable and malleable, so the arm or calf is relieved in the material, and the voids between the body part and the surface/mattress are filled. This is to create the greatest pressure distribution and to maintain a natural angle.

The cushion is also suitable for positioning fractures in arms or legs in connection with operations and diagnostic procedures (e.g. X-rays) where the arms and lower legs must be positioned in a precise position, for lymphatic drainage treatment and for the prevention of oedema.

The stability in the material makes the cushions suitable for resting arms or legs with reduced tone, to promote proper alignment and the prevention of improper positioning.



# Flexo Cushion

The Flexo Cushion is the ultimate one. The length and weight of the cushion make it possible to easily create flexible positioning with the same cushion in a supine position – Semi-Fowler position, side-lying position and in a partial prone position at 135 degrees. The cushion is sewn with two channels, which ensures that the filling does not “disappear” under the person when the staff does re-positioning.

Stability and delineation are the key assets provided by the Flexo Cushion, providing increased flexibility in the possibilities of use. In addition, the cushion can be used both by persons who need to lie down but are partially self-reliant and by those who can participate actively in changing positions. The Flexo Cushion can also be used for immobile persons who need help with repositioning.

*The cushion can can be included as the primary cushion solution supplemented with the Book Support Cushion (NTG10), Cylinder Cushion (NTG11), Oval Cushion (NTG13) (in side-lying position) and Head Stabilizer (small/large)(NTG09/NTG08) and Heel/Arm Wedge Cushion (NTG16) or the H-Cushion (NTG18) (in supine position). This depends on the specific positioning, need and range of function of the person.*



Length	190 cm
Width	25 cm
Height	12 cm
Weight	4 kg

Item Number	NTG17
Accessories	
Jersey cover	NTGB-17

# H-Cushion

Also available in Junior size

The H-Cushion is uniquely suitable for resting legs in a side-lying position. This cushion is primarily used to correct adduction and tone of the UE, with focus on alignment. In addition, the cushion can be used in the supine position to prevent abduction of the UE and ensure that the heels are far from surfaces, if there is risk of developing pressure ulcers.

*The H-Cushion is part of our specialized cushion often used for people with CP.*



	Junior	
Length	48 cm	35 cm
Width	30 cm	20 cm
Height	30 cm	15 cm
Weight	2 kg	0,6 kg

	Junior	
Item Number	NTG18	NTG64
Accessories	Junior	
Jersey cover	NTGB-18	NTGB-64





# Sitsafe

The shape of the Sitsafe cushion improves trunk stabilization, which is ideal for residents/patients with reduced trunk stability, Hypertonia in the upper limbs, and/or Akathisia. By improving trunk stabilization, the residents/patients will improve their bed mobility and be able to sit safely on the edge of the bedside or in a sitting position at a medical treatment table.

The high sides and back of the cushion create a stable frame that improves balance and prevents falling backwards and to the sides.

The use of the Sitsafe cushion is beneficial in any context that requires transfers, early mobilization, treatment, and/or other activities involving a sitting position, where safety is a concern.

The mobility of the armrests makes it possible to safely secure residents/patients around their body and to provide comfort while sitting.

**Malleability** - forms to the patient. **Stability** - sturdy, so patients can feel assured of their comfort and safety. **Total weight** - 5,8 kg. **Posture** - stable active sitting position.



Width	70-95 cm
Inner width	25-60 cm
Armrest height	26 cm
Back height	60 cm
Weight	5,8 kg

Item Number	NTG19
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<b>Accessories</b>	
Jersey cover	NTGB-19





NTG01 and NTG10  
Seahorse Cushion and  
Book Support Cushion



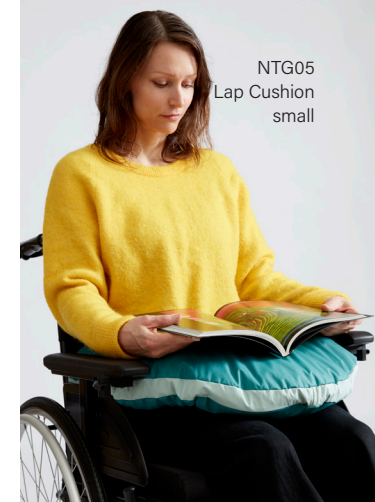
NTG12  
Flex Arms for  
wheelchairs



NTG15  
Butterfly Neck Cushion



NTG01  
and NTG10  
Seahorse Cushion and  
Book Support Cushion



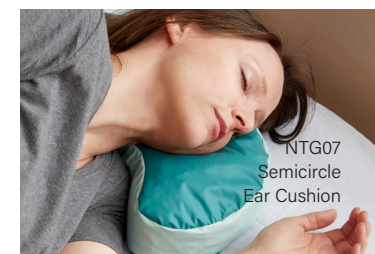
NTG05  
Lap Cushion  
small



NTG02 og NTG11  
U-Cushion with Slope  
og Cylinder Cushion



NTG01 and NTG10  
Seahorse Cushion and  
Book Support Cushion



NTG07  
Semicircle  
Ear Cushion



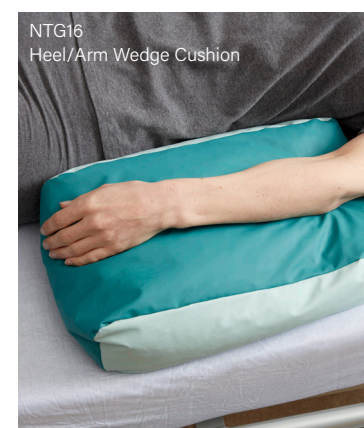
NTG05  
Lap  
Cushion  
small



NTG14 Calf/Slope Cushion



NTG10 Book Support Cushion



NTG16  
Heel/Arm Wedge Cushion



NTG19 Sitsafe Cushion



NTG03 and NTG07  
Fixzy Cushion  
small/medium and  
Semicircle Ear Cushion



NTG10 and NTG17  
Book Support  
Cushion and Flexo  
Cushion



NTG14, NTG15 and TG16

Calf/Slope Cushion, Butterfly Neck Cushion and Heel/Arm Wedge Cushion



## Notes

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## Notes

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