



**Experts in restorative sleep for patients
in any setting -
healthcare facilities or at home**

Thevo – Mobility Beds



Thomashilfen

Sleep specialist in rehab & care

94.17% less back pain and 96.52% improved quality of sleep. The result of Europe's largest sleep test with more than 75,000 participants. This shows that you can have confidence in the excellent and effective Thevo Mobility Beds from Thomashilfen. Organized and conducted by the sleep specialists of the Thomas group of companies, experts from all fields collaborated on the newest developments to help people get a healthy, restorative sleep.



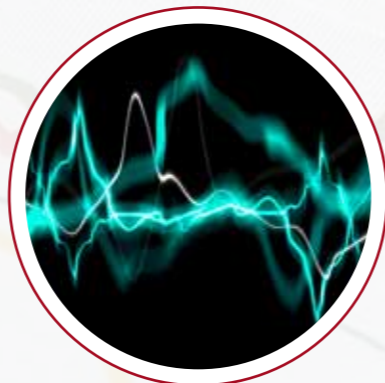
60 years of experience

ensure our position as an internationally renowned specialist in sleep



Studies

confirm the positive effect of mobility beds



Research

the in-house "sleep archive" and nursing scientists monitor and record sleep experiences providing the basis of the research



Technologies

modern fiber composite materials are investigated and implemented in mobility beds



Professional care

believes in mobility beds. These recognized care communities are certified on www.thevo-liste.de in Germany.



All over the world

people rely on our innovation to improve their quality of life

1. [Mobility beds]

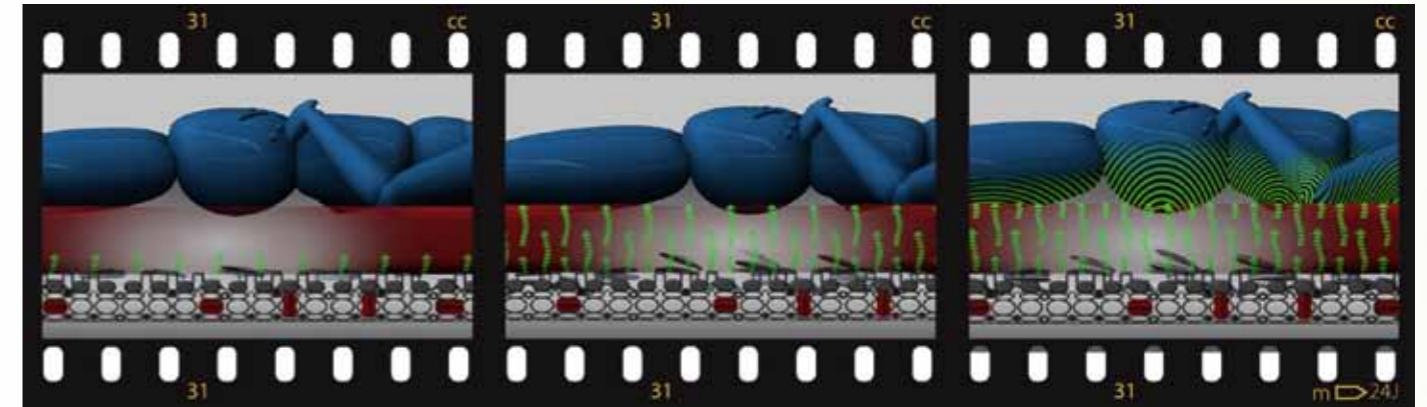
Therapeutic beds, stimulate the body to improve recovery, well-being, and quality of sleep due to their unique, patented constructions.

All over the world we stand for highest quality!



Thevo Mobility Beds keep your brain fit!

The Thevo Mobility Beds automatically convey the slightest movement of the person - even breathing - into micro-sized counter movements. This MiS Micro-Stimulation® provides the patient with improved body perception, promotes blood flow, and supports mobility – keys to restorative sleep. This is especially important for patients with advance age, and those with special needs.

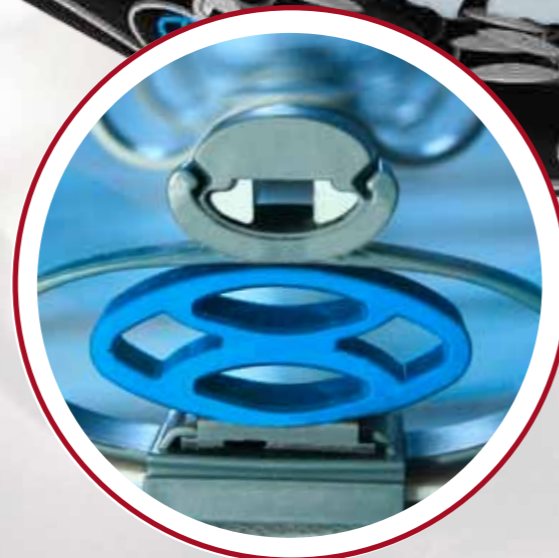


The active principle of MiS Micro-Stimulation®



World patent

2938215, 3105827, 2010/001264
6718575, 202005011767.6
1898750, 11/915192
0926970, 103046
0733325, 1021881
3792729, 6256815



The mattress cannot do it alone:

The difference is the suspension framework of the Thevo Mobility Bed. The unique technology of the integrated MiS Micro-Stimulation® is the key to better sleep!

1. [Mobility beds]

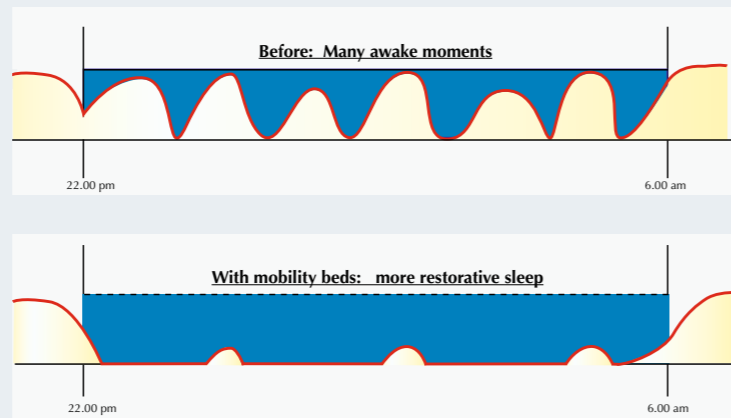
Therapeutic beds, stimulate the body to improve recovery, well-being, and quality of sleep due to their unique, patented constructions.

Breaking the vicious cycle: Finally sleeping through the night – despite dementia

67% of patients with dementia suffer from sleep disturbances affecting both patient and caregivers. Sleep aid medications often become ineffective, and are not a long-term solution.



The Thevo-Effect



“As her dementia progressed, my wife simply couldn’t rest anymore at night. I was very concerned. I too was getting far too little sleep and reached the end of my rope. Thanks to the dementia care mattress, ThevoVital, we are back to enjoying our days again.”

Documented experience reports:

Two out of three patients with dementia showed a great improvement in their sleep patterns- www.thevo.info



Improved sleep with the Dementia Mattress

- ✓ Less night time wandering
- ✓ Less napping during the day
- ✓ Less disorientation
- ✓ Decreased need for sleep aid medications
- ✓ Peace of mind for caregivers

The report shows results compiled by the IGAP Institute:
Approximately two out of three persons with dementia showed an
67% Improved sleep behavior
Two thirds of persons affected and caregiving staff recommend ThevoVital!

Wing suspensions

adapt individually to the body zones, MiS Micro-Stimulation® improves body perception



Mattress

firm density foam provides a secure feeling when lying

Dementia suspension
firm sensation of lying → good orientation

is optimally tailored to the sleep and lying needs of persons with dementia



Quality of life – despite Parkinson's:

Spending the day in a relaxed and structured way

The diagnosis often is unexpected, and has an immediate effect on a person's daily life. Besides the muscle tension typical of the illness, extreme fatigue decreases a person's quality of life. Many activities of everyday life become difficult.

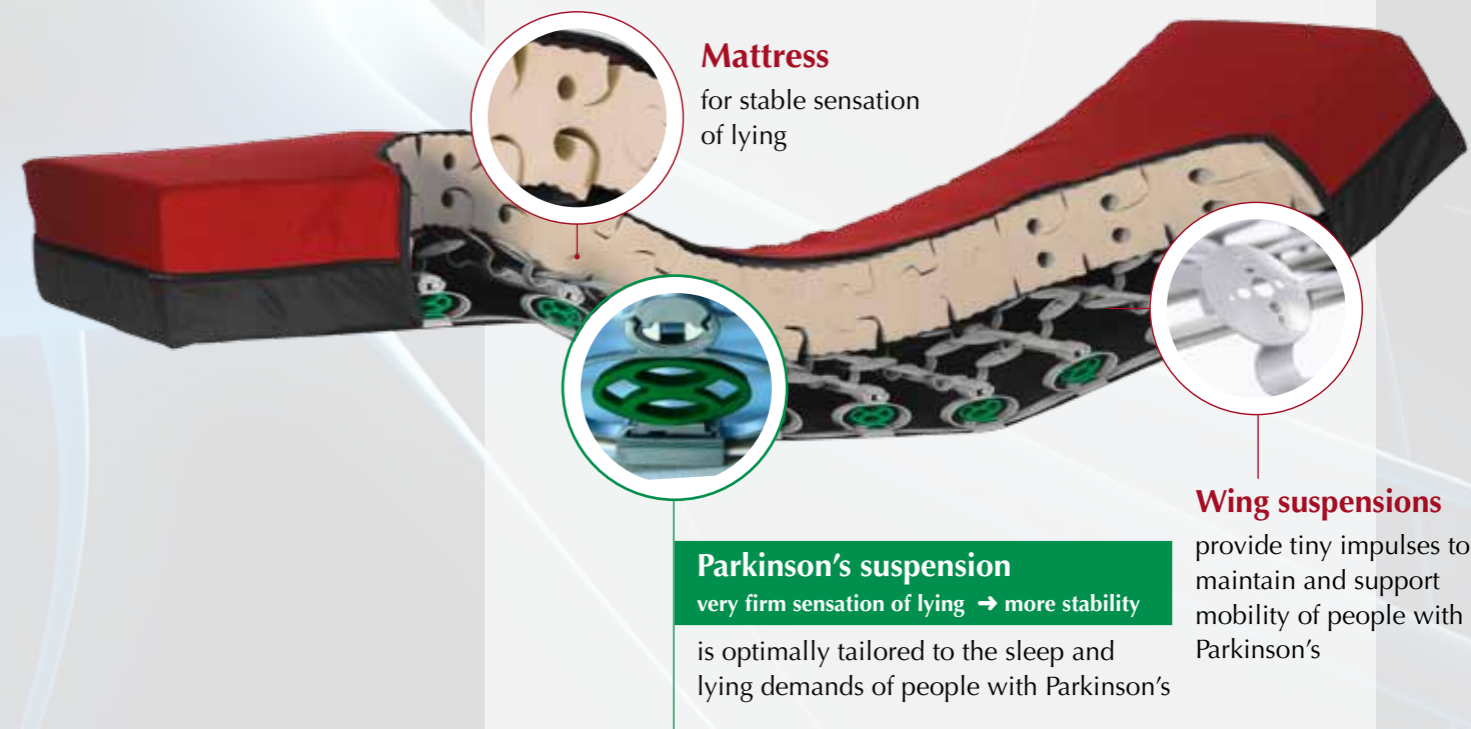


„Because of my poor sleep at night I was tired the whole day. I could hardly make it through the day. It was awesome for me to discover how relaxing a long, healthy sleep is!

And this without needing any additional medication and the associated harmful side effects.”

Improved sleep with the Parkinson's Mattress

- ✓ MiS Micro-Stimulation® relaxes muscles
- ✓ Tiny movements maintain mobility
- ✓ Decrease night sweats
- ✓ Easier to sit up and change positions



Pain Therapy

Lasting pain relief during the night

A horror story that is repeated every night: After just a few hours, pain becomes rife. Falling back to sleep is out of the question. Awakened in the middle of the night, the person enters a cycle of pain and sleeplessness.

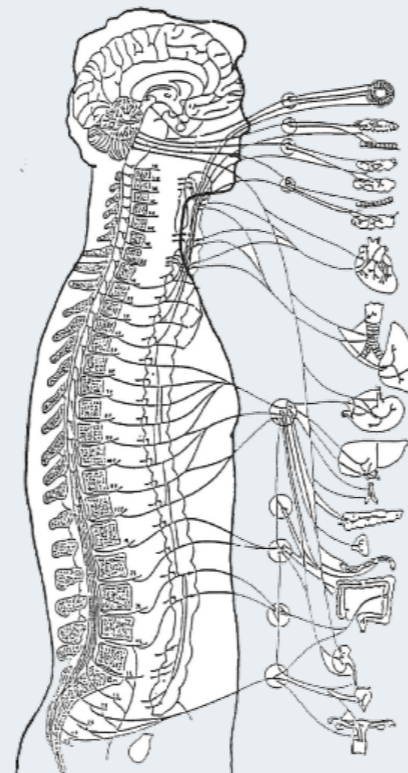


Fields of application:

No matter what causes the pain

- arthrosis
- osteoporosis
- cancer
- injury

ThevoRelief provides pain-relieving positioning and gentle stimulation of the nerve tracts, the basis for restorative sleep.

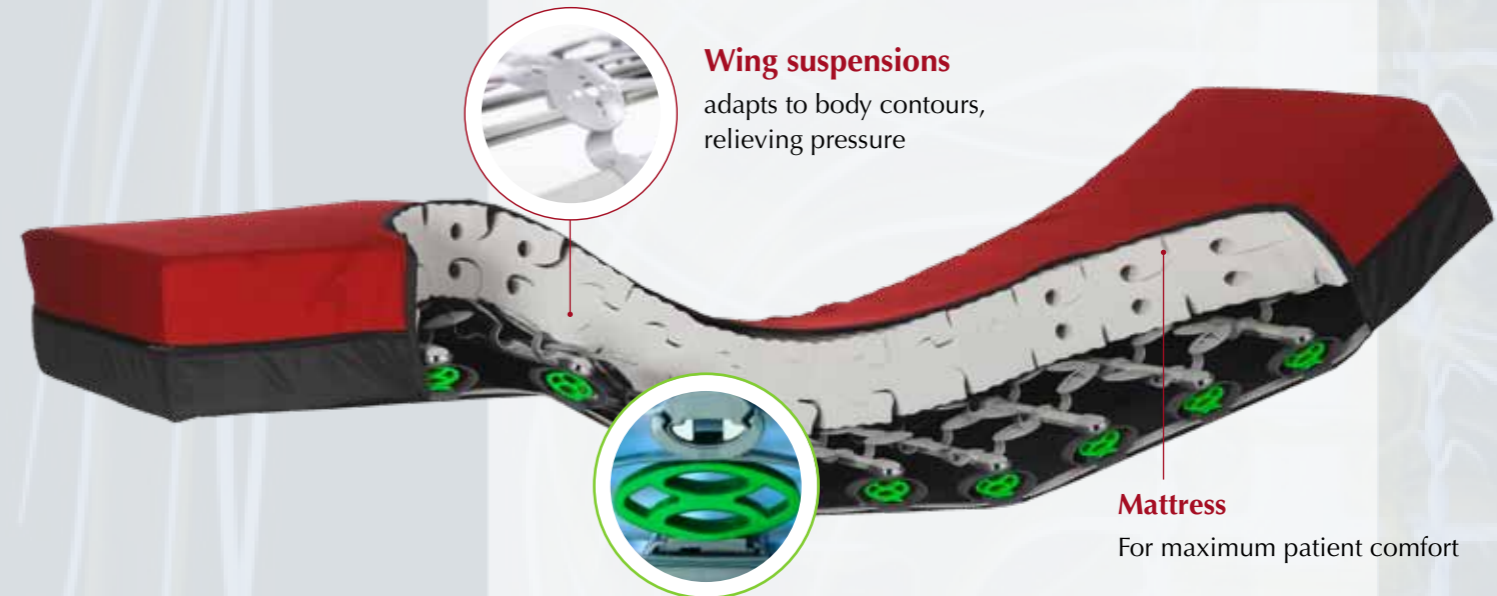


autonomic nervous system

“The anti-pain mattress, ThevoRelief, supports and soothes my aching body parts and improves my well-being. I sleep longer and better. Finally I am able to bear the pain.”

Improved sleep for well-being with the Pain Mattress

- ✓ MiS Micro-Stimulation® gently stimulates the nerve tracts
- ✓ Optimum back support
- ✓ Relieves body aches and painful lying
- ✓ Improved microclimate



Wing suspensions
adapts to body contours, relieving pressure

Pain suspension
very soft sensation of lying → pain relief

is optimally tailored to the sleep and lying demands of people suffering from pain

Mattress
For maximum patient comfort



Professional Care-Mattress

A simple foam mattress does not meet professional standards for optimal care.
 ThevoCare stands out with its unique Micro-Stimulation underframe and superior grade foam.
 Nursing professionals appreciate the risk-minimizing features of ThevoCare,
 even pressure ulcer prevention, and its durability is guaranteed!

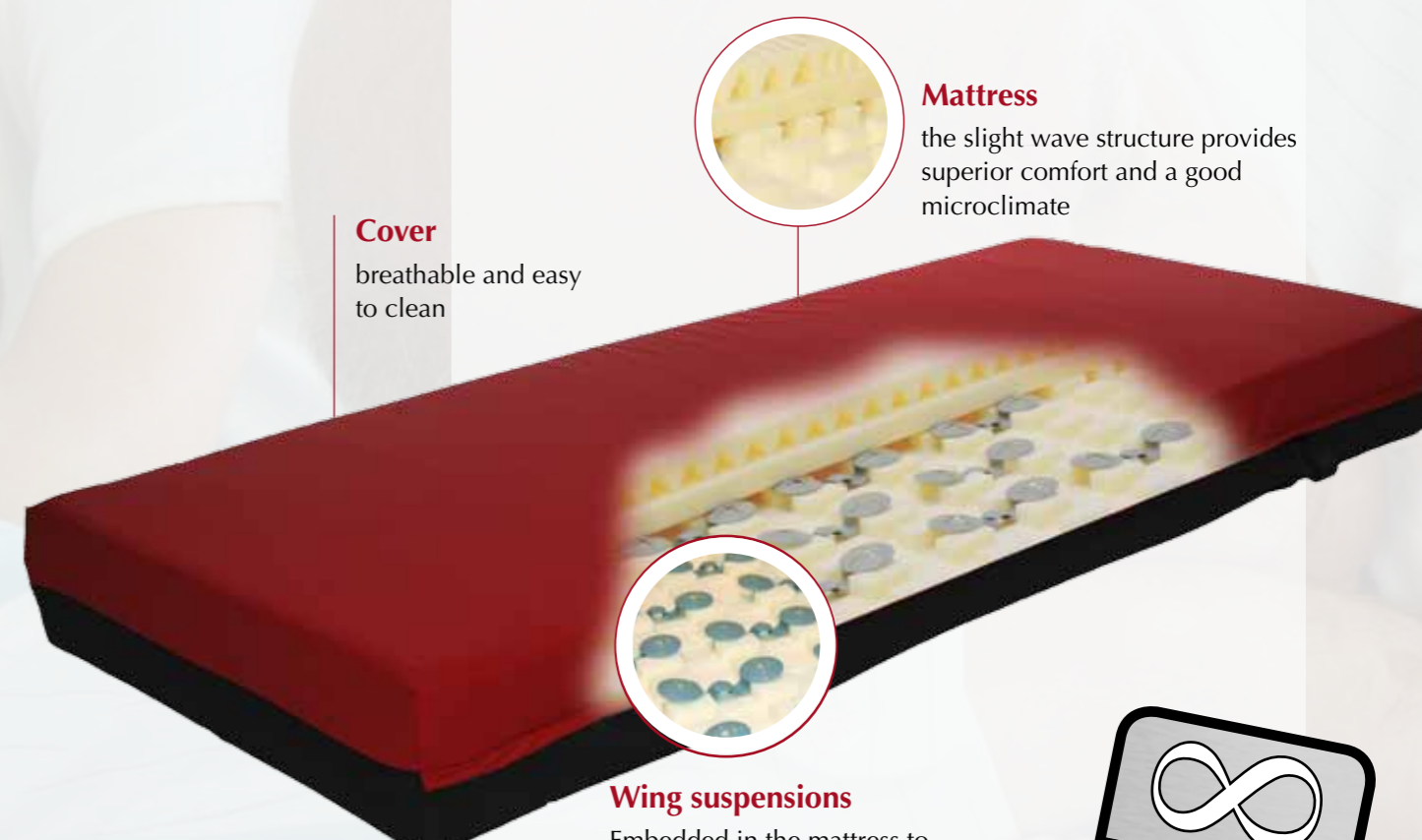
*Finally, there is a professional mattress
 for use at home.
 I am confident that ThevoCare is
 the best mattress for restorative sleep.
 It will keep me independent and
 mobile for a long time.*



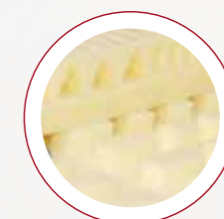
Sleep phases
 Normal sleep positioning changes:
 ranges from 40 - 60 times per night

Improved sleep with the Professional Care Mattress

- ✓ MiS Micro-Stimulation® maintains mobility
- ✓ Minimizes nursing requirements
- ✓ Contoured to support body movements
- ✓ Prevents pressure ulcers



Cover
 breathable and easy
 to clean



Mattress
 the slight wave structure provides
 superior comfort and a good
 microclimate



Wing suspensions
 Embedded in the mattress to
 provide maximum comfort
 using MiS Micro-Stimulation®.



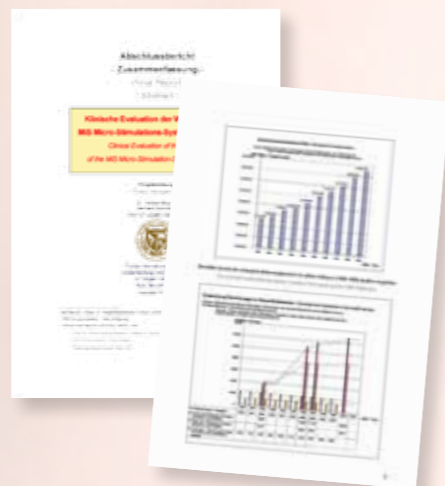
Pressure Ulcer **Mattress**

Many individuals in need of care suffer from pressure ulcers. Conventional positioning systems are either too hard or too soft for the patients, causing skin irritation to develop into pressure ulcers.



Stage 1 Stage 2 Stage 3

“Actually it is very simple. Besides careful positioning of the patient, the Pressure Ulcer Mattress with MiS Micro-Stimulation® is a good way to prevent pressure ulcers.”



Proven by studies: www.thevo.info

Professional care with the Pressure Ulcer Mattress

- ✓ MiS Micro-Stimulation® maintains natural movement
- ✓ Pressure ulcer prevention and treatment (up to and including stage III acc. EPUAP/NPUAP)
- ✓ Pressure-relieving stimulation without electricity
- ✓ Reduced care efforts
- ✓ No maintenance



Wing suspensions
Supports the tiniest movements

Mattress

Special air channels in the mattress layers provide for maximum comfort and optimum ventilation of the skin.



Flexible side element
fits every hospital or twin bed frame

Pressure ulcer suspension
soft sensation of lying → optimum pressure relief

Optimum pressure relief is specifically tailored for each individual for maximum pressure relief



Pressure Ulcer Active Mattress

Once a pressure ulcer is present, pain management becomes a priority due to the degrees of pain a patient then experiences. People needing a high degree of care often have great pain caused by the pressure of their movement limitations. These individuals need additional movement impulses.



“We use ThevoActiv for the prevention and treatment up to and including stage IV. Our successes do reflect the results of numerous clinical trials and scientific studies, too.”



Stage 1

Stage 2

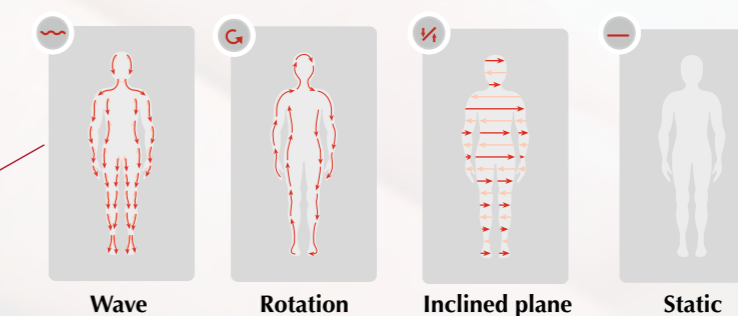
Stage 3

Stage 4

Proven by studies: www.thevo.info

Professional care with the Pressure Ulcer Active Mattress

- ✓ MiS Micro-Stimulation® supports mobility
- ✓ Suitable for patients at **high risk** and **coma** patients
- ✓ Reduces spasticity and contractures



Active movements

a simple menu selection offers a variety of movement programs. This provides stimulation individually adapted to the patient, without disturbing noises!



Wing suspensions

transfer active movements to the patient



Wheelchair User Mattress

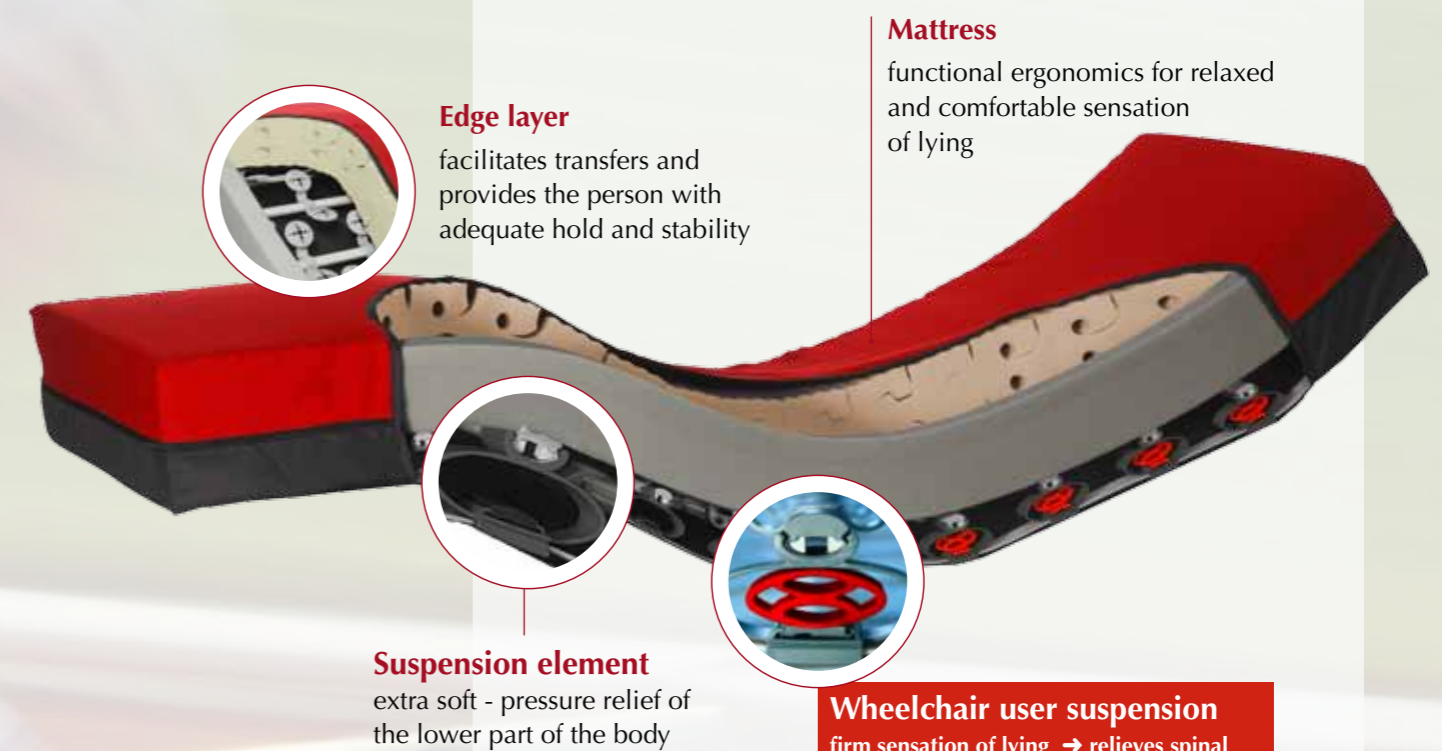
Wheelchair users need a mattress that relieves pressure but still provides a firm base to facilitate transfers. The Wheelchair User Mattress combines both characteristics.



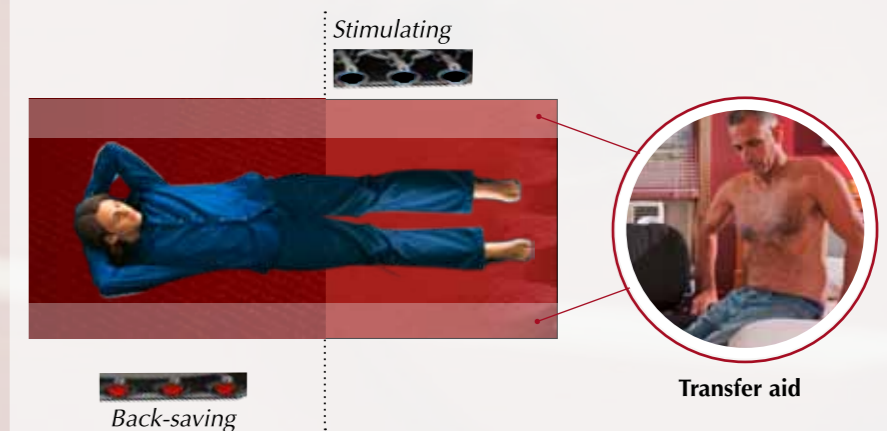
“Lying in bed for more than a short period of time was painful for me. Now, the Wheelchair User mattress supports my movements with MiS Micro-Stimulation®. I sleep better again and actively start my day.”

Improved sleep with the Wheelchair User Mattress

- ✓ Relieves pressure
- ✓ Reduces muscle spasms
- ✓ Adapts to the spinal column
- ✓ Controls pain
- ✓ Eases transfers



Wheelchair user suspension
firm sensation of lying → relieves spinal column
relieves the spinal column and is specifically designed for maximum comfort for wheelchair users.



Bed time - often a nightmare

Many children with special needs have sleep disorders or disturbances, affecting parents and other family members. These disorders include; issues with falling asleep and staying asleep, restlessness during sleep, as well as disorientation upon awakening. Sleep disorders affect a child's natural growth and development.



“I was at the end of my rope and burned out emotionally. Nothing really helped. I am so glad that thanks to her SleepingStar my daughter is more refreshed and relaxed.”



Proven by studies: www.thevo.info



Improved sleep with the Sensory Support Mattress

- ✓ **MiS Micro-Stimulation® supports mobility**
- ✓ **Improves body perception**
- ✓ **Reduces spasms and pain**
- ✓ **Calms the child for restorative sleep**



Cover
removable and easy to clean for optimal hygiene

Wing suspensions
have a positive influence on the children's restless sleep by providing tiny movement impulses

Mattress
is especially tailored to the needs of children with special needs to provide comfortable sensation of lying

Positioning suspension
soft sensation of lying → extended sleep phases
is optimally tailored to the sleep and lying requirements of children with special needs

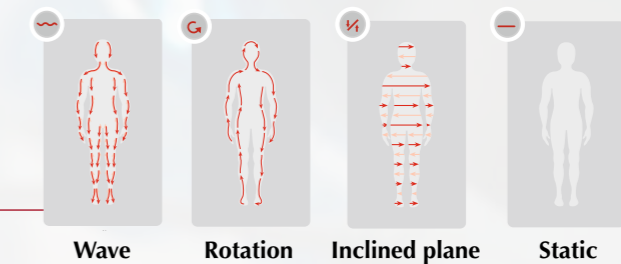
Children with severe motor limitations need additional movement impulses

Severely immobile children or children in coma vigil need additional movement impulses. A balanced ratio between relaxation and movement provides restorative sleep. In addition, risk of pressure ulcers is minimized.

“We came to appreciate the Active SleepingStar in the Children’s Hospital first. Now, we have it at home, as well. All of us are doing much better now.”

Improved sleep with the Sensory Support Active Mattress

- ✓ Reduces pressure
- ✓ Reduces pain and spasms
- ✓ Provides extra movement impulses
- ✓ Improves quality of sleep



Active movements

a simple menu selection offers a variety of movement programs. This provides stimulation individually adapted to the child, without disturbing noises



Wing suspensions

take in micro motions and return them to the child

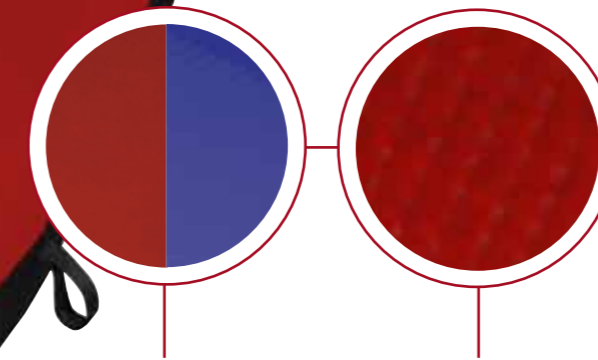


It is your choice!

Thevo Mobility Beds are available with jersey or incontinence covers.

All mattresses sold to the U.S. and Canada (with exception of ThevoCare, ThevoActiv and ThevoSleepingStar A) fulfill the following standards regarding flammability:

16 CFR 1632, 16 CFR 1633, Cal. TB 129/ ASTM E 1590, BFD IX-11



Features: Incontinence cover

- breathable
- clean easily by wiping with disinfectant

Features: Jersey cover

- breathable microclimate

Shared features:

- sewn zipper
- washable at 65°C / 149°F
- tumble dry
- autoclavable
- suitable for re-use

Sizes: Thevo Mobility Beds for adults

- **ThevoVital** • **ThevoCalm** • **ThevoRelief** • **ThevoCare**
- **ThevoFlex** • **ThevoautoActiv** • **ThevoActiv**

Thevo Mobility Beds are available from a width of 80 to 120 cm* / 31.5 to 47.2"* and a length of 180 to 220 cm / 70.9 to 86.6".

Questions? Contact us, we are happy to help!

**The maximum width of the Mobility Bed ThevoActiv is 100 cm / 39.4".*



Sizes: Thevo Mobility Beds for children

- **ThevoSleepingStar** • **ThevoSleepingStar A**

Thevo Mobility Beds for children are available from a width of 60 to 120 cm* / 23.6 to 47.2"* and a length of 120 to 220 cm / 47.2 to 86.6".

Questions? Contact us, we are happy to help!

**The maximum width of the Mobility Bed ThevoSleepingStar A is 100 cm / 39.4".*



Thevo Product Matrix

Product name and maximum weight of the person	Underframe		Characteristics of underframe suspension					Characteristics of side elements			Mattress type + characteristics								
			Suspension element		Suspension block			spring limiter	rubber block	bellows	adapter profile	1	2	3	4	5	6	7	integrated spring
	with	w/o	medium	soft	firm	medium	soft												
ThevoVital 80 kg / 176,4 lbs	X		X		X						X			X					
ThevoVital 140 kg / 308,6 lbs	X		X		X						X				X				
ThevoCalm 80 kg / 176,4 lbs	X		X			X		X			X			X					
ThevoCalm 140 kg / 308,6 lbs	X		X			X		X			X				X				
ThevoRelief 50 kg / 110,2 lbs	X			X			X				X	X							
ThevoRelief 100 kg / 220,5 lbs	X			X			X				X		X						
ThevoRelief 135 kg / 297,6 lbs	X			X			X				X			X					
ThevoCare 50 kg / 110,2 lbs		X														X			X
ThevoCare 100 kg / 220,5 lbs		X															X		X
ThevoCare 135 kg / 297,6 lbs		X																X	X
ThevoautoActiv 50 kg / 110,2 lbs	X			X		X		X			X	X							
ThevoautoActiv 100 kg / 220,5 lbs	X		X			X		X			X		X						
ThevoautoActiv 135 kg / 297,6 lbs	X		X			X		X			X			X					
ThevoActiv 50 kg / 110,2 lbs	X								X	X		X							
ThevoActiv 100 kg / 220,5 lbs	X								X	X			X						
ThevoActiv 135 kg / 297,6 lbs	X								X	X				X					
ThevoFlex 80 kg / 176,4 lbs	X			X	X*						X		X						X
ThevoFlex 140 kg / 308,6 lbs	X			X	X*						X			X					X
ThevoSleepingStar 60 kg / 123,3 lbs	X			X			X	X			X	X							
ThevoSleepingStar A 60 kg/123,3 lbs	X								X	X		X							

* Suspension blocks are used in the area of the upper body only to optimize mobility.

Different arrangements of the spring limiters provide optimum lying comfort to meet the specific requirements of clinical pictures related to the products

For further information please contact your local dealer.



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