

Thevo-Adapt

User Manual



Dear client,

with Thevo-Adapt you have acquired an anti pressure sore system, which meets the highest quality demands of home and hospital care. For Thevo-Adapt we have used high-quality materials, which guarantee a long durability.

Before using Thevo-Adapt we recommend that you read this user manual carefully. There are a lot of information and hints for an optimum prevention and treatment of pressure sores.

If you have any questions or comments on Thevo-Adapt, please do not hesitate to contact us:

Tel.-No.: +49 -4761 886 -66 or -68

Tip: On our website you have the possibility to watch some handlings described in this manual. We will continually actualise them according to the suggestions of our clients.

<http://www.thomashilfen.de>

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Prevention and treatment of pressure sores

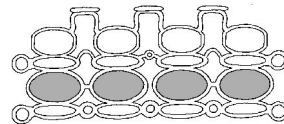
Thevo-Adapt has been developed for the prevention and treatment of pressure sores **up to grade III according to Seiler** (*Professor Walter O. Seiler, MD, Geriatric Department, University Clinic, Cantonal Hospital, Basel, Switzerland; Professor Seiler is very famous in Europe because of his specialisation in the treatment of pressure sores*). An interdisciplinary team of nursing and sleep scientists, engineers and clinical nurses have dealt with the problem of pressure sores very carefully. The result is an anti pressure sore system, which **distinguishes mainly through its individual adaptation to the respective patient and his clinical picture.**

An individual adaptation is facilitated by:

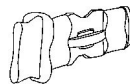
- 24 Active Side Elements (ASE)
- 26 Adaptors
- 13 Flexible fibreglass laths (FGF-laths)
- 46 Spring Wings at a width of 90 cms. or rather
52 Spring Wings at a width of 100 cms.

Components

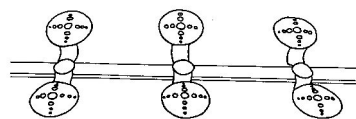
Active Side Element



Adaptor



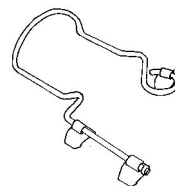
FGF-lath

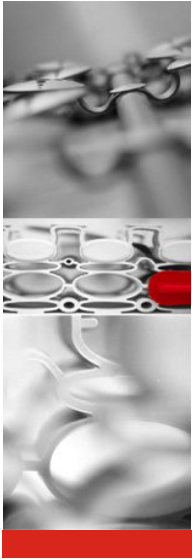


Spring Wing



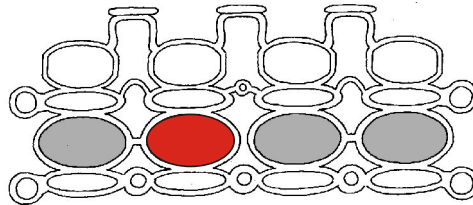
Mattress fixation





The Active Side Element

The Active Side Element does not only connect the single FGF-laths, but also offers the possibility to **integrate Thevo-Adapt into nearly every bed**. In difference to rigid under frames the head and foot adjustment can still be carried out.

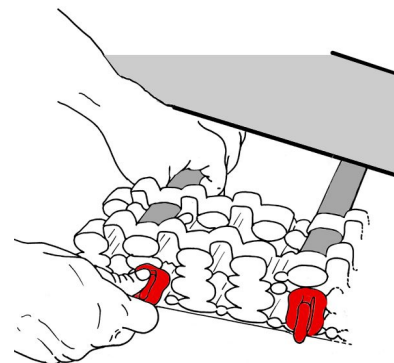


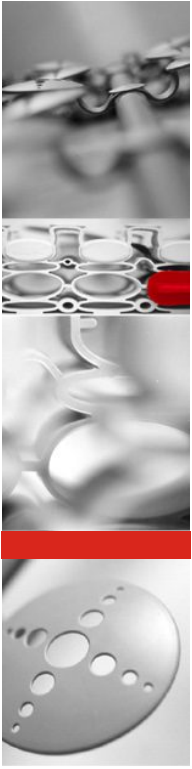
Adaptors

The Adaptors are situated in the Active Side Element (ASE). Through these Adaptors the spring way of the FGF-lath can be restricted as required. **Thus, through various adjustments body parts at risk can be alleviated additionally.** By taking the Adaptors completely off, the highest possible alleviation is reached.

Adjustment of the Adaptors

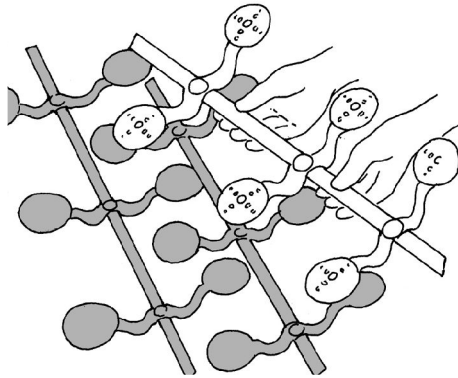
In order to adjust the Adaptors you have to grab under the mattress and pull the FGF-lath slightly upwards. Now you can turn the Adaptor to the required direction or rather remove it completely. Please ensure that the Adaptor grips tight into the stabiliser after every adjustment. Only in this case an unintentional turning can be avoided.





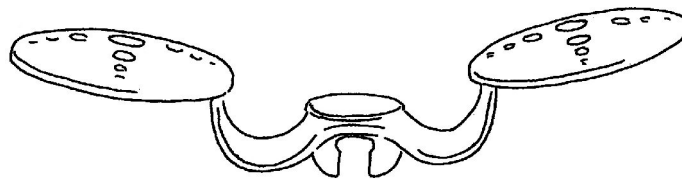
Flexible fibreglass-lath (FGF-lath)

These laths are made from a durable material by innovative glass fibre technology (pultrusion). Beneath a long durability they ensure an optimum lying comfort, which has a favourable effect on the convalescence of the patient.



Spring Wings

3 or rather 4 Spring Wings situated on one FGF-lath adapt optimal to the body contours of the patient. An anatomically correct body alignment is ensured and sleep is influenced positively.

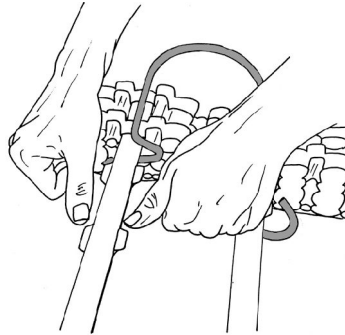


Each Spring Wing can be moved or removed in order to support the individual preventive and therapeutic treatment in an optimum way.



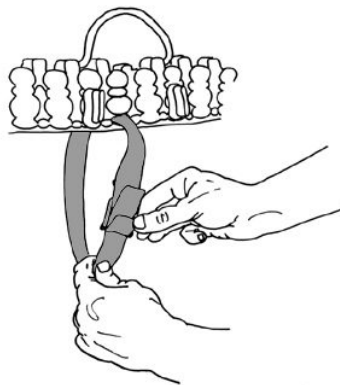
Mattress fixation

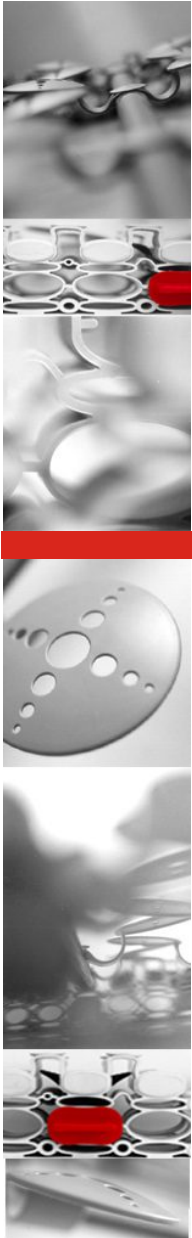
The Mattress fixations avoid the sliding of the mattress. The position of these fixations can be changed, if required. Just press down the fixation on the FGF-lath and remove the mattress holder. Now you can fix the mattress holder at the desired position on the FGF-lath.



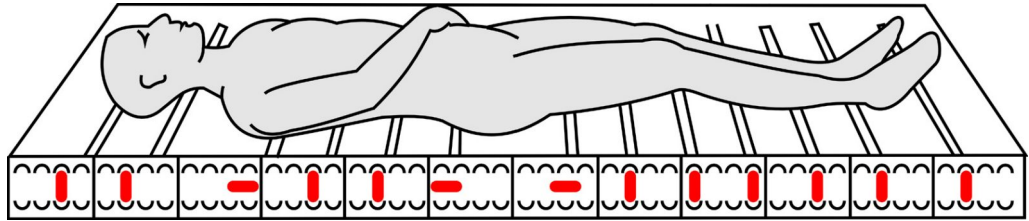
Fixation of the under frame onto the bed

With the 6 belts the under frame of Thevo-Adapt can be fixed safely onto the bed. Just lay the belts around the tubular bed frame and pull the belts through the belt buckle. (**Attention:** If you have a height adjustable bed, please fix the belts at the lifting system.) Pull the belts tight. In order to release the belt, please open the belt buckle and pull off the belt.





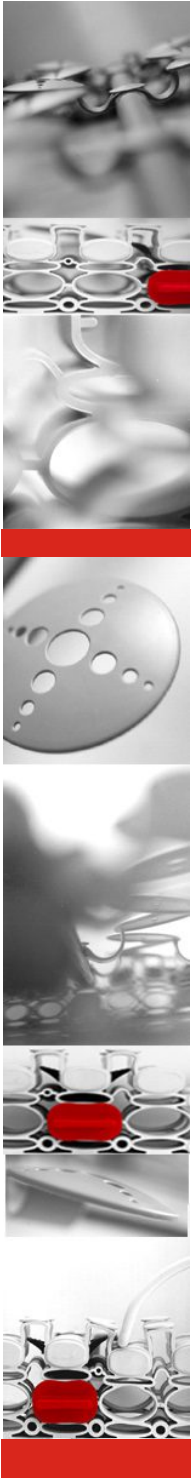
Standard setting at delivery



At the delivery of Thevo-Adapt the Adaptors and FGF-laths are set as shown above. In order to ensure an optimum prevention and treatment of pressure sores, you should absolutely make an individual adjustment based on the height and weight of the patient.

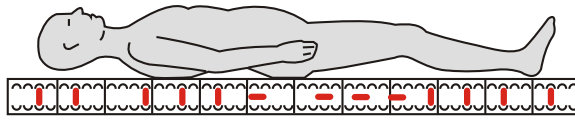
On the following pages we will show you 9 setting variants of which you shall choose the right one for your patient. When adjusting the Thevo-Adapt please act step-by-step from the head to the foot and compare your personal setting with the corresponding picture in this manual. The adjustment of the Adaptors should be carried out as described on page 4.

These recommendations are based on the results of our carefully checked experiences and for that reason they shall be viewed as average values. Please keep in mind that we can only give recommendations for the individual. The individual adjustment should be discussed with the responsible doctor/therapist in terms of illness, clinical picture etc. We recommend a regularly checking of the settings to ensure also the correct treatment in the progressing therapy.

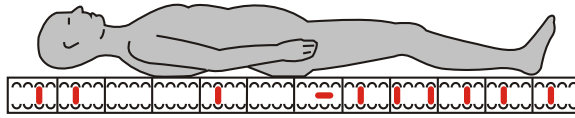


Setting recommendation for a body height of 185 - 200 cms.

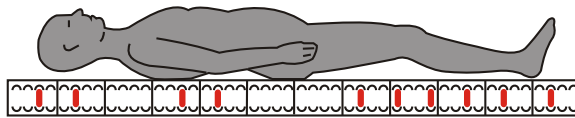
185-200 cms.



Light weight, light physique



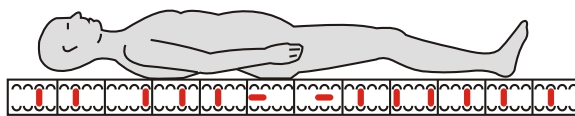
Medium weight, normal physique



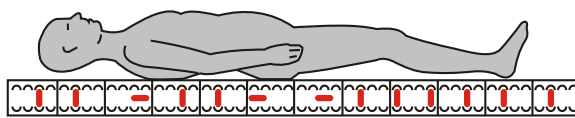
Heavy weight, strong physique

Setting recommendation for a body height of 170 - 184 cms.

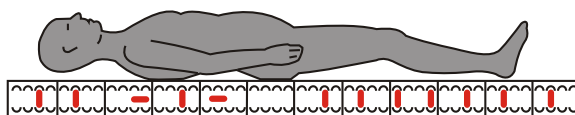
170-184 cms.



Light weight, light physique



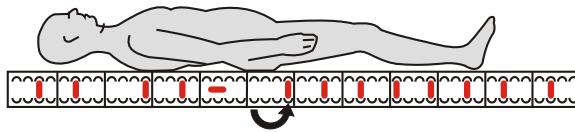
Medium weight, normal physique



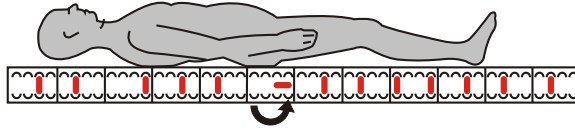
Heavy weight, strong physique

Setting recommendation for a body height of 150 - 169 cms.

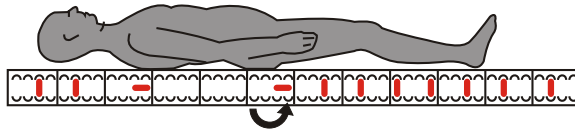
150-169 cms.



Light weight, light physique



Medium weight, normal physique

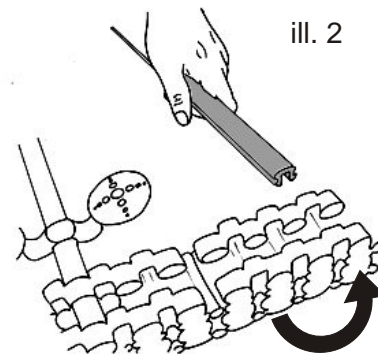
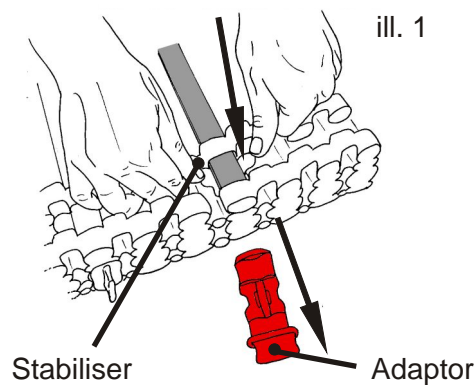


Heavy weight, strong physique

Please note: If the person is smaller than 170 cms. the complete FGF-lath in the 6th Side Element has to be moved by 3 positions to the foot.

Adjusting the FGF-lath

In the standard setting the FGF-lath is situated in the 6th Side Element on the 1st position (see ill. 1). At a body height under 170 cms. this lath has to be moved to the 4th (see ill. 2) position of the Side Element. First you will have to take the Adaptor out off the Side Element. Push the FGF-lath out off the stabiliser (the stabiliser is situated under the FGF-lath in the Side Element). Now you can take the FGF-lath out off the Side Element. Put the stabiliser in the 4th position of the Side Element and slide in the FGF-lath. Put in the Adaptor again and turn it into the required position.



Tip:

You can find the setting procedures also in the internet at:

<http://www.thomashilfen.de>



Methods of disinfection and cleaning advises

Mattress:

Due to the zip the covers can be taken off very easily. They can be washed at 90° C and are suitable for tumble dryers. All mattresses are autoclavable and therefore suited for the reinstatement.

Terry cotton cover:

Washable up to 90° C
Suitable for tumble dryers
Zipper on two sides

Incontinence cover:

Washable up to 90° C
Suitable for tumble dryers
Breathable
Easily to be cleaned by wiping disinfection

Under frame:

Simple cleaning: the system can be cleaned with non-corrosive detergent. Please ensure that the system will be dried carefully after every cleaning. The system can also be cleaned with disinfectant on alcohol basis.

Disinfection:

For the disinfection we recommend two methods accepted by the Robert-Koch-Institute:

- the fractionated vacuum method (VDV-method) up to a max. temperature of 110° C.
- the steam flow method up to a temperature of 110° C.

Information:

A thermal treatment over 110° C causes a premature ageing of the plastic parts and should therefore be avoided. Please make sure when using chemical disinfectants that they are suitable for plastic.

Referring to the previous practical use and several tests executed, we are not knowledgeable of any problem in the use of this product.

Conditions of guarantee

Thomashilfen takes full responsibility for the quality of Thevo-Adapt. All materials as well as the processing have been chosen under the highest production standards. All systems have been tested very carefully before leaving the factory. Thomashilfen offers you a guarantee of 24 months.

You should therefore keep all documents on Thevo-Adapt very careful. The guarantee covers all claims on the basis of production or material failures. Excepted are wear or tear caused by over or inappropriate use.