

FREEWAY

Bed Management System User Guide



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PRISM MEDICAL UK

The Freeway Bed Management System

The Freeway Bed Management System provides an easy to use, low friction solution for patients who require frequent repositioning.



How to use the Freeway Bed Management System

The Freeway Bed Management System consists of two separate units – a nylon, water resistant under sheet with wide non-slip sides, and a fully breathable, water proof, quilted polyester softshell top sheet.



The mattress cover is a full length bed sheet made out of slide sheet material however the middle section is PU fabric with a 'curtain' of slide sheet material covering it, this means that the system can be 'locked' or 'unlocked'. The long edges are covered with a strip of PU material (this acts as a 'break' for the top slide sheet when sliding the client over the beds surface).



The mattress cover is placed onto the mattress (with the label at the head of the bed) and the corner elastic retaining straps hooked over each of the mattress corners, ensure that the 'curtain' is down in the locked position; this is when the black PU middle section of the sheet is visible.

The quilted top sheet can then be placed on top of the mattress cover. This sheet has adjustable straps on each of the four corners. These straps can be placed around the corners of a mattress and adjusted to reduce upper and lower body movement. This will provide extra safety for people with certain conditions.

The quilted sheet can be used without a normal bed sheet, however it is advisable to place a normal cotton sheet over it. (It is advisable to use a flat double size sheet on a single bed).

When the system is to be used to move the person either up and down the bed or from side to side, take hold of the mattress covers curtain handles and walk up to the head of the bed, you will feel resistance when the curtain reaches the persons buttocks.



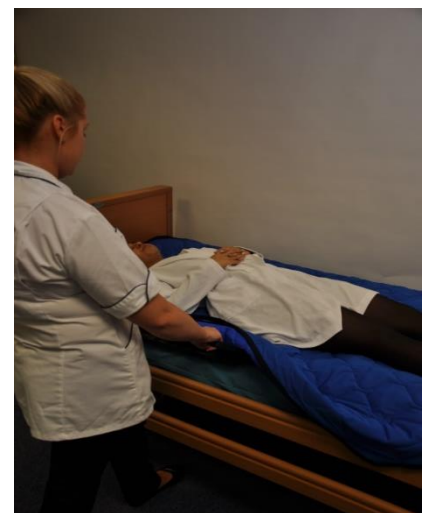
Now one carer takes hold of the loops on the under surface of the opposite side of the top sheet, a gentle tilt of the clients hips enables the other carer to continue to pull the curtain up towards the head of the bed.

This is then repeated by the second carer. The system is now unlocked.



If there is only one carer a mobile or overhead hoist can be used to facilitate this stage.

Using the loops on the under surface of the quilted top sheet the client can be moved up and down the bed or to either side of the bed surface.



The system can also be used for manually turning a person.



If there is only one carer either a mobile or overhead hoist can be used to assist in moving the person.

An accessory to the system is the body support wedge, this piece of equipment enables the client to be supported without a carer having to adopt a static posture for lengthy periods.



Once the person has been repositioned the curtain must be taken down to the foot end of the bed, thus ensuring that the system is now locked.

CARE: LAUNDERING

GENERAL.

Sensitive laundering of the system will extend the service life of the product. Conversely, improper laundering will reduce the service life and possibly affect its strength and integrity.

To be avoided:

Use of bleach at washing, particularly hypochlorite [may cause structural damage]

Overheating the system [temperatures in excess of 100° may cause extreme shrinkage and structural damage]

Use of non-biological detergents is not recommended (especially Fairy Non - Bio): as these types of detergent contain bleaching agents that can degrade the strength of the fabrics.

The use of fabric conditioners is not recommended.

GENERAL SOILING.

The system should be laundered with soap or detergent at 50°C on a standard domestic cycle.

DISINFECTION.

The system should be laundered to ensure a 'period at temperature' of:

10 minutes at 65°C

3 minutes at 72°C

Following NHS guidelines, extra time should be added to ensure thorough mixing of hot water through the wash load.

It may be that available equipment does not allow the required level of temperature control. The system may be washed on a 90°C wash cycle, though it is likely that some moderate shrinkage and/or colour bleed will occur.

DRYING.

The system:-

Will air dry quite quickly in a warm room.

Should not be placed over radiators or convectors.

May be **CAREFULLY** tumble dried on a cool [60°C] setting and short cycle.

Should be checked at intervals not exceeding 5 minutes.

Do not allow the system to overheat.

PRISM MEDICAL UK



DECLARATION OF CONFORMITY

Manufacturers Name: Prism Medical UK Ltd

MHRA Registration No: CA 013248

Manufacturers Address: Mackworth House, Millers Avenue, Brynmenyn Industrial Estate,
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Declares that the manufactured product:

Product Name: Freeway bed management system

Product Options: Single bed, Bariatric bed

Conforms to the following European Union Council Directives:-

Directive 93/42/EEC and all amendments up to Directive 2007/47/EC

Classification Class 1, Low Risk Medical Device

Tested in accordance with BS EN ISO 10535:2006 & IEC 60601 3rd Edition

Directive 89/336/EEC for Electromagnetic Compatibility

Supplementary Information:

The undersigned declares the product herewith complies with the requirements set out above and carries the CE mark accordingly.

The Technical Construction File required by this directive is maintained by the manufacturer as detailed above.

Signed:

Date: 30th November 2016

Richard Lock, Manufacturing Director

If you have any questions regarding the use of this equipment, please contact Prism Medical UK, or your local authorised dealer

Disclaimer

While every effort has been made to ensure the accuracy of information contained in this user manual, no liability can be accepted for any errors or omissions. Prism Medical UK operates a policy of continuous improvement where specifications and other data are subject to change without notice.

This document conforms to BS EN ISO 10535:2006 Requirements

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