



Pain Management System Maintenance &
Care Instruction

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DISCLAIMER

This product user manual is provided as a guide for the safe operation of the Forté Zephair Mattress. Whilst all care has been taken to comprehensively identify any risk associated with the operation of the Zephair Mattress, Forté Healthcare Solutions cannot be held liable for circumstances outside of its control including inappropriate device usage. We strongly recommend that for any clarification required by care staff or indeed anyone using the Zephair Mattress that appropriate consultation is made before using the device. Forté Healthcare cannot be held liable for patient outcomes due to clinical, circumstantial and care factors outside of its control.



OPERATION

- 1 The Zephair Mattress is designed to be used with the pump at all times
- 2 Position the Zephair Mattress on the bed in a manner that prevents trapping and/or damage. Pay careful attention to bed rails (if fitted) and ensure they will not rub excessively against the Zephair. Mattress damage as a result of incorrect fitment is not covered by warranty.
- 3 It is preferable to mount the pump to the foot-end of the bed. The pump may be placed on the floor if needed. If the pump is placed on the floor it is important it is sufficiently protected from damage.
- 4 Connect the pump to a power outlet. The Pump power lead may be located within the power cord loops on the side of the Zephair Mattress. Never use the Zephair Mattress if the power cord is in any way damaged.
- 5 Visually inspect the pump before operation. If there is any evidence of damage or is defective, contact an authorized representative before use.
- 6 To activate, turn the pump on by the top switch
- 7 Use the lower switch to set either Alternating or Static Therapy. Alternating Therapy will provide the greatest level of pressure injury protection.
- 8 Use the weight gauge on the right hand side of the pump face to adjust the pump pressure to ensure the patient is sufficiently supported by the Zephair System.
- 9 Ensure Mattress Zipper remains closed at all times, only open for necessary inspection or maintenance
- 10 Ensure foam core is not exposed for extended periods of time to UV light
- 11 Ensure the pump is not used within a wet environment or where there is risk of the pump coming in contact with water or liquid
- 12 Ensure the outer covering is protected against damage by penetration of sharp objects. Damage sustained to the cover as a result of puncture by sharp objects is not covered under warranty.
- 13 Regular observations must be made of the Zephair system whilst in operation to ensure that there is no device malfunction or damage that will impact the patient in a negative manner.
- 14 Do not use the Zephair near fire sources or excessive heat. Product damage caused by heat damage e.g. cigarette burns will not be covered by warranty.

Maximum Patient Weight Capacity: 180kg

Therapeutic Features

- Alternating 1:2 Cell System for Pressure Redistribution
 - Narrow Cell Design Minimizing Patient Disturbance
 - Quiet pump operation minimizing patient discomfort
 - Dual interface immersion foams provide comfort, reduce 'alternating sensation/motion discomfort', stabilize temperature and provide envelopment
 - Sloped heel region for added pressure relief for susceptible heels
 - Firm strengthened sides for lateral stability and support during repositioning and patient transfer
 - Adjustable patient weight gauge for comfort and appropriate care
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- 1 The Premiflex Ultra outer covering is waterproof yet vapour permeable. The outer covering provides a hygiene barrier for the inner air and foam system. The outer covering alone is not designed as an ongoing continence barrier nor is it a substitute for continence care products such as pads.
 - 2 Patients must be positioned correctly to avoid risk of suffocation.
 - 3 Avoid using excessive layers of bedding and/or covers as this can negatively impact the vapour permeability and pressure redistribution/relief properties of the Zephair system.
 - 4 Continual routine monitoring is required for patients on the Zephair system. Clinical judgement must be used to ensure sufficient frequency of intervals.
 - 5 The Zephair is not intended to be used in substitution of necessary patient care practices such as adequate nutrition, repositioning, sufficient continence management, nursing care as required and wound/skin dressings, ointments and creams as deemed clinically appropriate.
 - 6 Ensure the Zephair is cleaned regularly for patient hygiene and infection control. Refer to cleaning guidelines for recommended cleaning procedure and cleaning agents.

TROUBLE SHOOTING

Low Pressure Alarm

1 Should the Low Pressure Alarm sound and/or Low Pressure Indicator be illuminated on the Pump Control Face, perform the following inspection;

- a. Check Air Supply Leads from Mattress are Connected Correctly to Pump
- b. Check CPR port and ensure it is correctly fastened closed
- c. Check Air Supply Leads for any damage

Should the fault persist, unzip the outer cover and lower compartment of inner cover and perform the following inspection;

- d. Check Air-Cells for any puncture by a sharp object. A quick check can be to inspect the underside of the top cover as this will show any stain caused by fluid penetration through the cover if a sharp object has penetrated
- e. Check Air Cell Connections that they are secure and are not leaking
- f. Should faults persist, contact your distributor or Forte Healthcare for further assistance

2 Cell/s not inflating;

- a. Unzip the outer cover and base compartment of inner cover
- b. Identify the cell/cells
- c. Inspect the system for any air tube connectors that may have become loose or may be leaking
- d. Reconnect any air cells or connectors that require it
- e. Replacement connectors and parts are available as spare parts if required

MAINTENANCE

Regularly assess for soiling. Refer to the below cleaning instructions

- If the product is used directly upon or in contact with a bed surface, periodically and ongoing assess the bed surface for any sharp objects that may cause damage to the mattress cover
- Support Surfaces should not be lifted by the cover only. Support the foam core as well as the cover.
- Always disconnect the pump from electrical power before beginning maintenance or repair work. Never attempt to work on a pump that has been in contact with water/liquid without consulting an approved technician.
- Use of unauthorized spare parts and/or accessories may void warranty

CLEANING & HANDLING

Cover Cleaning

Wipe off cover with an approved cleaning chemical (refer to approved chemical listing). Excrement, blood spots, spills of any kind must be removed immediately with an approved cleaning agent or soapy warm/cold water. Cleaning chemical usage instructions must be followed.

Usage of high concentrations of Phenol based and Chlorine chemicals and abrasive cleaning agents can have a negative impact on the integrity of the mattress fabric coatings. . Forte Healthcare stipulates a maximum Chlorine concentration of 1000ppm for all standard fabrics if it must be used for cleaning/ disinfection. All residue of cleaning agents should be completely dried from fabrics shortly after cleaning.

Sterilisation might have a negative effect on polyurethane coatings and is therefore not recommended. If one does decide to do so, a reduced lifetime of the product should be taken into account. This is inevitable for all thermoplastic polyurethanes, due to their chemical nature.

Foam Core Cleaning

The outer covering protects the foam core, which means cleaning of the core seldom is necessary. Should the foam core need to be cleaned, clean affected area with a mild cleaning chemical and water (eg spray on). Gently press out excess water. Allow the foam core to dry completely in a ventilated area avoiding direct exposure to sunlight as UV light can affect foam performance. Ensure that the foam core is completely dried before using mattress.

Manual Handling

Ensure mattress is carried centrally and with 2 hands.

It is recommended for transport of Support Surfaces King Single Size and above that 2 people are involved moving the mattress due to the mattress bulk and weight.

A close-up photograph of several white flowers, possibly chrysanthemums, with many layers of petals. The flowers are in sharp focus in the foreground and become softer as they recede into the background. The lighting is bright and even, highlighting the texture of the petals.

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A close-up photograph of white flowers, similar to the ones in the top half of the page, showing the intricate details of the petals.