




Skin and Wound Product Information Sheet

| TheraKair Visio | |
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| Classification | Therapeutic Support Surface- Advanced: Mattress Replacement System |
| Key Points | <ul style="list-style-type: none"> • For more detailed information and instructions, refer to User Manual. • Powered mattress replacement with 15 horizontal air cells and built-in warmer. • Minimum recommended patient weight 23 kg and maximum recommended weight 136 kg. • Minimum recommended patient height 137 cm and maximum recommended height 200 cm. • Provides reactive support in addition to: <ul style="list-style-type: none"> • Microclimate management, and • Pulsation therapy that may reduce edema (<u>not</u> for off-loading). • Friction and shear reduction. • No stability at edge, consider other surfaces for those who can roll, sit and/or transfer from edge of mattress. Stable edge when deflated. • CPR quick deflate. • Instaflate to provide firm surface for care and for transfers with ceiling lift. • Sharp objects may puncture surface. |
| Indications | <ul style="list-style-type: none"> • For those at high risk (Braden Score 10-12) or very high risk (Braden Score 9 or less) for pressure injury. • For those with pressure injury (excluding heels) and 0-1 intact turning surfaces. • For those with edema who might benefit from pulsation therapy. • For those with moisture issues who might benefit from microclimate management. • For those with pain who might benefit from immersion. |
| Precautions | <ul style="list-style-type: none"> • Deflate prior to ambulating as no stability at edge when inflated. Consider a support surface with a stable edge if patient can ambulate independently. Under the direction of an Occupational Therapist or Physiotherapist, it may be safe to transfer those with a adequate sitting balance using Instaflate. • Ensure at least 22 cm from top of inflated mattress (without compression) to top of side rail to prevent inadvertent bed exit or falls. • Ensure bed frame size is appropriate for mattress size to minimize risk of entrapment. • Closely monitor for bottoming out for those with weight approaching weight limit. |
| Contraindications | <ul style="list-style-type: none"> • Unstable cervical / thoracic / lumbar fractures. • Cervical traction. • Full-length oxygen tent. May use half-length oxygen tent. |
| Discontinuation of Therapy | <ul style="list-style-type: none"> • Support surface is discontinued or stepped down when: <ul style="list-style-type: none"> ○ The features of the support surface are no longer required, (e.g., pulsation). ○ The patient's Braden Score has improved and an advanced support surface is not longer necessary. ○ The patient's pressure injury has healed to a point where active therapy is not needed. ○ The patient does not tolerate the surface, (e.g., noise, uncomfortable). ○ The patient is independently ambulating and is at risk for falls due to unstable edge. • Higher level of support surface needs to be considered if patient's pressure injury is not healing/has worsened or the patient develops a new pressure injury. |
| Formats & Sizes | <ul style="list-style-type: none"> • Weight Capacity: 136 kg (300 lbs) • Mattress Dimensions: <ul style="list-style-type: none"> ○ 208 x 90 x 20.3 cm ○ 208 x 80 x 20.3 cm • Mattress Weight: 13.2 kg (29 lbs) • Pump Weight: 6.3 kg (14 lbs) |
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| Directions | Rationale/Key Points |
| Accessing the Mattress Replacement System | |
| Order rental TheraKair Visio as per Health Authority/site process. Support surface will be set up, based upon the client's pressure redistribution needs, by the Arjo Service Technician or as per Health Authority / site protocols. | Rental systems should be delivered in 4-24 hours of placing the order. Delivery time may vary depending on site distance from warehouse. |
| Obtain owned TheraKair Visio as per Health Authority/site process. | |



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| Linen Requirements | |
| <p>Mattress cover sheet must be on the mattress before use.</p> <p>Refer to client specific plan of care for linen needs that may be different from those outlined below.</p> <p>Minimize layers of linen.</p> <p>No fitted or flat bottom sheet. However, at patient request, flat sheet may be used.</p> <p>Mesh repositioning sling as needed. Should be left in place between turns if specifically designed to be left in place.</p> <p>Disposable air permeable incontinence pad.</p> | <p>Client may have specific linen needs.</p> <p>Each layer reduces the pressure redistribution effect.</p> <p>Bottom sheet (fitted or flat) will decrease efficacy of microclimate management.</p> <p>Mesh sling is preferable to promote optimal microclimate management. Not all slings are intended to be left beneath the client between turns.</p> <p>Air permeable pad to promote optimal microclimate management.</p> |
| Daily Care | |
| <p>Turn/reposition and offload heels as per care plan.</p> <p>Pressure on the client's heel area pressure can be reduced by disconnecting the cushion that is under the client's heel.</p> <ul style="list-style-type: none"> • Disconnect cushion from air supply: <ul style="list-style-type: none"> ○ Depress the grey latch (found on side opposite to air supply hose) ○ Pull the connector out. • To reconnect cushion: <ul style="list-style-type: none"> ○ Push the connector back into the socket. <p>Perform hand check to verify sufficient support every shift. Slide hand flat between the mattress foam base and the cushions to ensure 2.5-4.0 cm of clearance.</p> <p>Ensure surface is clean:</p> <ul style="list-style-type: none"> • If the mattress surface becomes soiled, cleanse with agency approved cleaner and allow to dry. • Wipe coversheet and therapy unit with water and mild detergent on daily basis. • Replace coversheet weekly. <ul style="list-style-type: none"> ○ For rentals obtain replacement coversheet from Arjo and return to Arjo for cleaning. Do not send to laundry. ○ For owned surfaces follow Health Authority / site process to obtain replacement coversheet and for cleaning coversheet. Do not send to laundry. ○ To change the coversheet: <ul style="list-style-type: none"> ○ Fit the two head end corners of the cover sheet to the mattress. ○ Fit the closed foot end corner to the mattress. ○ Open the flaps on the remaining corner and wrap around the air supply hose. ○ Attach the two hook and loop fasteners together to secure the corner. | <p>Surface does not does not adequately off-load heels nor does it replace turning, therefore client must be turned as per routine/patient specific protocols.</p> <div style="text-align: center;"> </div> <p>Routine laundry procedures may damage coversheet.</p> <p>To avoid risk of blocking air intakes on back and bottom of therapy unit.</p> |
| TheraKair Visio Functions | |
| Basic Functions | |
| <ul style="list-style-type: none"> • Turn "On" green Power Switch located on the side of Therapy Unit. The indicator light on top of the unit will light up green. • Pressing "?" found on all screens, access quick reference guide. | |



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| <ul style="list-style-type: none"> • Lock / unlock screen by pressing and holding the lock icon on the Home Screen for 3 seconds. • Press “Exit” on subsequent screens to return to previous screen. • Press “OK” on subsequent screens to confirm settings entered on that screen and return to previous screen. • CPR deflation is done by grasping the grip ring of the air supply connector and pulling it away from the Therapy Unit. Deflation happens in approximately 10 seconds. <p>Functions are located on the Home Screen; touch the function button to access. Current settings are displayed at the bottom of each screen.</p> | |
| <p>Utilities Screen</p> <ul style="list-style-type: none"> • Press the “Utilities” button on the Home Screen to access. • About Screen gives details of the software version. • Settings Screen allows you to adjust screen brightness and to reset the pulsation and therapy counters. Press the up or down arrows to change the screen brightness. Press and hold each reset button to reset and restart the relevant counter. • Alarms Screen allows you to set the volume of the alarms. Press up and down to select the volume. Press test to sound the alarm at the set level. Press save to save current settings. Press reset to return alarm settings to previously saved setting. • Language Screen allows you to select the language on the screens. Press the up and down arrows to scroll through available languages. Select language and press the ‘save’ button. Press ‘reset’ to return the previously saved language settings. | |
| <p>Pulsation Screen</p> <ul style="list-style-type: none"> • Press the “Pulsation” button on the Home Screen to access. • Select “On/Off” button to turn pulsation therapy on and off • Select “low, medium or high” to set the intensity • Select “8, 16 or 32” minutes to set the cycle time • Press “OK” to confirm settings and return to previous screen | |
| <p>Warming Screen</p> <ul style="list-style-type: none"> • Press the “Warming” button on the Home Screen to access. • Select “On/Off” button to turn warming on and off. • Set the temperature by selecting low, medium or high. • Press “OK” to confirm settings and return to previous screen | |
| <p>Instaflate Screen</p> <ul style="list-style-type: none"> • Press the “Instaflate” button on the Home Screen to access. • Select “On” to activate Instaflate which will rapidly inflate surface to its maximum firmness. • Select “Off” to resume therapy at the previous settings. • Press “OK” to confirm settings and return to previous screen. <p>Note: Instaflate will automatically deactivate after 15 minutes.</p> | |
| <p>Firmness Screen</p> <ul style="list-style-type: none"> • Press the “Firmness” button on the Home Screen to access. • Select Up or Down arrows to increase/decrease surface firmness. • Press “OK” to confirm settings and return to previous screen. • For Presets: <ul style="list-style-type: none"> ○ Select “Presets” button. ○ Enter client’s height (cm) and weight (kg) by using up and down arrows. ○ Press “OK” to confirm settings and return to previous screen. | <p>The surface will estimate the level of firmness required based on patient height and weight.</p> |



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| Alarms & Alerts | |
| <p>An alarm will sound and an alarm message will display on screen if a fault or situation that impairs functionality or therapy is detected by the system.</p> <p>The status indicator light above the control screen will change to blue until the alarm is resolved.</p> <p>The alarm sounder can be paused for two minutes by selecting the "Pause" button.</p> <p>Once the cause of the alarm has been resolved, select "reset" to clear the alarm.</p> | |
| Expected Outcome | |
| <p>Patient does not develop a pressure injury.</p> <p>Patient's existing pressure injury will heal.</p> <p>Product performs as expected.</p> | <p>If product does not perform as expected, notify NSWOC/Wound Clinician and consider submitting a Product Concern form.</p> |
| For further information, please contact: OT, PT, NSWOC/ Wound Clinician | |