



# Reasons for issuing seating:

Reason:	Explanation:
To help maintain and increase independence	<p>A riser function can increase independence by allowing a user to transfer without assistance or with reduced assistance. This can ultimately mean a user may be able to stay at home as opposed to living in a care home.</p> <p>Reduces the effort it takes to rise, due to knee problems so the provision of the chair will enable independent standing.</p>
To help increase function and socialisation	<p>Appropriate chair provision and a good seated position can improve a user's function, make it easier to interact and socialise, improves digestion, improves circulation and can allow easier access to surroundings. Also helps make eating and drinking etc. easier.</p>
Improved and easier transfers	<p>Having the right chair can assist with all types of transfers:</p> <ul style="list-style-type: none"> <li>• <b>Assisted transfer</b> – riser function assists with sit-to-stand movement.</li> <li>• <b>Turner transfer</b> – riser function means the user is half way through the transfer before having to exert any effort to transfer.</li> <li>• <b>Stand-aid transfer</b> – riser function means that the user is half way through the transfer and hips are above knees before the hoist starts to lift which minimise the risk of the sling 'riding up'.</li> <li>• <b>Mobile hoist/ceiling track hoist</b> – tilt-in-space allows easier and more accurate pelvic positioning. A wheeled chair allows chair to be moved from room to room which can reduce amount of hoisting.</li> <li>• <b>Complex transfers</b> – i.e. users with muscular dystrophy benefit from a 'Vertical Rise' function.</li> <li>• <b>Sideways/slideboard transfer</b> – a drop down armrest can make transferring into a wheelchair via a slideboard easier.</li> <li>• Improved transfers can help <b>reduce reliance on care-givers.</b></li> </ul>
Reduced manual handling and improved safety	<p>Improved transfers and reduce the need for manual handling by care givers. The riser function is especially useful to reduce manual handling and increase safety for care givers. The use of a riser recliner chair will also reduce the associated risks in sit to stand.</p>
Facilitate postural management	<p>Use of different backrest within a chair can help facilitate postural support which can in turn help improve function, feeding, digestion etc.</p>

Pressure care management	Use of integrated pressure care within a chair can help prevent and manage pressure damage. This also avoids putting a cushion on top of an existing chair which can be dangerous.
Reduce carer requirements	Improved transfers can help reduce carer workload and can eliminate carers in some cases.
Aid Rehabilitation	Correct posture and a riser function to assist with transfers can help achieve rehabilitation objectives.
Heavy Lymphatic legs	A bariatric chair has an increased legrest capacity which allows the user to raise their legs to improve fluid drainage.
Decreases exertion	Sitting is a dynamic activity and having a correct sized, supportive chair can decrease fatigue and exertion.
Cardiac management	Some users need precise positioning of the backrest to maintain their ability to breath. A dual motor chair can provide this functionality.
Alternative to going to bed	Where a user cannot go to bed or cannot tolerate the lying position, a chair can sometimes be a suitable alternative.
Repositioning	Many people have difficulty adjusting their position when sat down, especially after long periods; the functionality of the chair will enable the user to independently change their position.

# Justification Guidance of Configura<sup>®</sup> rise and recline chair



Quotation number:

See ticked sections below for the specification which applies to this quotation.

## Tilt-in-Space

Tilt-in-space improves posture, pressure distribution, pelvic stability, circulation, makes hoisting easier, can aid feeding and reduce the tendency to slip forward in the chair.

By maintaining the same angle at the hips (i.e. the same angle between backrest and seat base), and tilting the whole chair back, the user can achieve a relaxed position whilst maintaining pelvic stability. Maintaining the position of the pelvis promotes good sitting and reduced the user's susceptibility to developing poor posture. As more weight is transferred through the trunk and less through the base, a larger seating footprint is achieved and pressure is distributed over a wider area, thereby reducing the risk of pressure sores in the sensitive sacral and ischial tuberosity areas. The ability to have the user's ankles higher than the hips can also aid circulation and reduce fluid build-up in the legs. When hoisting, tilt-in-space enables gravity to assist in correct positioning of the user's pelvis at the back of the chair.

## Legrest Elevation

Legrest elevation helps the user to relax and can help reduce fluid build-up in the legs. It is particularly essential for users with oedematous legs although care must be taken to ensure the chair has a sufficient weight capacity to take the extra weight.

## Adjustable Seat Depth

Correct seat depth is vital for correct seating to maintain pelvic stability and avoid sacral sitting. The ability to adjust the seat depth allows one chair to be adjusted to suit a wide user group and to accommodate changing seating requirements. This is ideal for multi-user environments and situations where a chair may be recycled.

## Adjustable Seat Height

Correct seat height is also important in correct seating. The ability to adjust the seat height allows one chair to be adjusted to suit a wide user group and to accommodate changing seating requirements. This is ideal for multi-user environments and situations where a chair may be recycled.

## Castellated Cushion

Castellated, pressure reducing cushion for users who cannot tolerate Visco foam. Similar in performance to the Visco cushion. 25 stone weight capacity.

## Visco Cushion (std)

Heat sensitive memory foam moulds to the user providing maximum support and pressure reduction. Suitable for users who are at risk of pressure damage. 25 stone (160kg) weight capacity.

## Cushionair Cushion

Powered alternating air cushion which provides excellent comfort, stability and pressure relief. 25 stone (160kg) weight capacity.

### **Visco and Vapour Permeable Fabric on Armrests**

Visco and Vapour Permeable fabric on armrests for increased comfort and pressure reduction.

### **Vapour Permeable Fabric on Backrest**

Vapour Permeable fabric on backrest for increased comfort and pressure reduction.

### **30mm Arm Height Increase**

30mm increase in arm height to provide increased arm and elbow support which can help the user to maintain a good midline sitting position. Standard arm height is 180mm. This adjustment increases the arm height to 210mm.

### **Multi Adjustable Pillow Backrest**

Consists of three fibre filled cushions instead of the conventional button style backrest. Each pillow is individually adjustable by means of a zip underneath which allows removal of addition of fibre filling. Each pillow is fitted to the backrest on Velcro which means they can be adjusted in order and position.

### **Lateral Support Backrest**

The Lateral Support Backrest encourages a good midline sitting position and is suitable for users who require increased lateral support. Users with Neurological conditions (including MS) will benefit from the firm but comfortable support.

### **Adjustable Lateral Support System**

Contoured foam backrest with adjustable Velcro lateral support system. Provides more aggressive lateral support and mild positioning. Velcro Lateral Supports can be used to provide support at shoulder level or as hip guides.

### **Lateral Supports**

These are small triangular supports which fit underneath the backrest pillows to provide lateral support combined with the comfort and adjustability of the multi adjustable pillow backrest.

### **1/4 Depth Adjustment Kit**

For use with the Lateral Support Backrest and Adjustable Lateral Support System to adjust its angle. Either to tilt it backwards or forwards or from one side to the other. Can also be used under the seat cushion to accommodate or correct a pelvic obliquity.

### **Profiled Headrest**

Suitable for users with reduced head control. Fits over the shoulders.

### **Overhang on Outside**

Provides a good grip to assist the user rolling from side to side if slings need to be fitted.

### **Overhang on Inside**

Reduces width between armrests by approximately 1.5". Provides extra arm and elbow support if the user is 'pear shaped' or very thin.

## **Single Motor Tilt-in-Space**

This is the standard mechanism and should be selected for users who cannot reposition themselves. It eliminates shear forces on the user's back, provides a seat 'ramp' to reduce the tendency to slip forwards in the chair and is good for circulation and pressure relief as the user's ankles elevate higher than the hips.

## **Dual Motor Tilt-in-Space**

Similar to the Single Motor Tilt-in-space but with an extra motor which controls extra backrest recline. This should only be selected for users who have the ability to reposition themselves as the shear forces from extra backrest recline can cause the user to slip forward in the chair. Use with Lateral Support Backrest with caution as it causes extra shear.

*Note that the motor controlling the backrest can be disconnected after delivery converting the chair to Single Motor Tilt-in-space.*

## **Dual Motor Non Tilt-in-Space**

Offers independent legrest and backrest functions and does not have Tilt-in-space. Suitable for users who cannot tolerate Tilt-in-space. Does not elevate ankles above hips as the Tilt-in-space mechanisms do.

## **Rise Setting: Medium Rise**

30 degrees of tilt. The most frequently used rise setting. Please note that 'Tilt' includes a degree of rise which provides a gentle, progressive movement.

## **Rise Setting: Flat Rise**

20 degrees of tilt. There is not a specific user group for this setting – it is normally used if 'Tilt' or 'Vertical Rise' is inappropriate.

## **Rise Setting: Vertical Rise**

10 degrees of tilt and 10" of rise.

## **Channel Legrest**

Provides side support on legrest to reduce abduction.

## **Battery Back-up**

Provides Battery Back-up in case of power cuts.

## **Safety Barrier**

Fabric Barrier around all four sides of the chair to reduce entrapment risk.

## **Safety Strip on Backrest**

Prevents the chair from reclining if it hits the wall.

## **Riser Control System**

This allows the therapist to disconnect selected chair functions, for example the riser, tilt or backrest recline functions, via a simple switch at the back of the chair.

## **Table**

This fits around the chair and is independent to the chair so does not tilt when the chair is tilted. Adjustable in height for optimum function and can be used with the Configura® Rise and Recline and the Care.

## **3" Height Adjuster**

To allow clearance for certain transfer aids (including cricket and Arjo Steady). Provides 3" of clearance underneath chair.

## **Drop Down Armrests**

Drop Down Armrests can be fitted on either the left or right hand side, to facilitate sideways transfers. For example, onto a wheelchair.

## **Castors**

'Housekeeping wheels' to allow the chair to be moved for cleaning/ hoisting. Not to be used for movement of the chair room to room. Increase the selected seat height by 2".