

CONFIGURA BARIATIC CHAIR CLINICAL JUSTIFICATION

FEATURE	CLINICAL JUSTIFICATION
Weight Capacity	The configura bariatric has a weight capacity of 254kg or 317kg. This includes a weight capacity of 127 kg on the leg rest which is necessary due to the weight of the legs but also secondary weight of the pannus which sits on the legs when a person is sitting.
Adjustable Seat Width	The width on the Configura® Bariatric can easily be changed by fitting different armrests to the chair. The seat widths available are 28" (711 mm), 26" (660 mm) and 24" (609 mm). This is especially beneficial for service users whose weight might fluctuate, and in this way the chair can easily be adapted for them.
Adjustable Seat Depth	The 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.
Tilt-in-Space	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.
Leg Rest Elevation	Leg rest elevation helps the user to relax and can help reduce fluid build-up in the legs. It is 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. The leg rest capacity on the Configura® Bariatric is 127 kg (20 stone), which will meet most service users' needs
Castellated Cushion	Castellated, pressure reducing cushion for users who cannot tolerate Visco foam. Similar in performance to the Visco cushion. Available for 190 or 254 kg (30 or 40 stone) weight capacity.
CushionAir Cushion	Powered alternating air cushion which provides excellent comfort, stability and pressure relief. 317 kg (50 stone) weight capacity. Appropriate for users who have developed pressure injuries. Easily set up through the pump.
Waterfall Backrest	Each pillow is height adjustable and filling can be customised to the user. Offers mild to moderate postural support, and is highly effective for users with a kyphosis or a scoliosis. To accommodate space for "gluteal shelf" remove lowest cushion stuffing to the user's needs.
Latetral Supports	These fit underneath the backrest pillows to provide lateral support combined with the comfort and adjustability of the Multi adjustable pillow backrest.
Profile Headrest	Suitable for users with reduced head control. Fits over the shoulders.
Leg Rest Channel	Provides side support on leg-rest to avoid leg abduction and reduce risk of legs falling off leg rest.
Rise Setting: 30 Degrees	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: 20 Degrees	20 degrees of anterior tilt for users who can not tolerate the standard rise setting, who feel this are slipping out or being pushed out of the chair.
Dual Motor	Dual motor operation allows independent adjustment of the leg rest elevation and backrest recline. This enables infinite positioning for maximum comfort and support for users with more complex requirements. A dual motor chair has four buttons on the handset.

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CONDITIONS	CLINICAL JUSTIFICATION
Obesity	<p>For users with a BMI over 30 (or 160kg weight) they will need a larger chair than the standard configura comfort. The configura bariatric range is ideal for these users due to the following features:</p> <ul style="list-style-type: none"> • User weight: There are 2 options of sizes for the bariatric range the first one has the capacity of 254kg. And the second one has a maximum user weight of 317kg. • Leg-rest maximum weight: the maximum weight capacity of the leg rest is 136kg to accommodate the weight of the abdomen resting on the legs and the potential of leg swelling which increases the weight of the legs. • Correct fit for body shape: the pillows of the configura comfort chair are set up in a way which allows them to be easily removed and reapplied for the comfort of the client. Due to the gluteal shelf of bariatric clients it is recommended the lowest pillow stuffing is removed completely to accommodate for this space at their buttocks. This allows for suitable depth of the chair and prime pressure distribution and posture. • Leg rest channel: can be fitted easily around the leg rest to provide side supports and avoid leg abduction and risk of slipping off the leg rest. • Backrest recline & tilt in space: these features are especially important for bariatric users who are at risk of respiratory and circulation problems if positioned in an ill-fitting chair, resulting in a stooped over posture. The configura bariatric range allows a person to sit upright but also with the correct degree of recline and tilt will reduce the amount of weight on their chest and improve their breathing and circulation. • Sit to stand with knees at 90 degrees: the space behind the legs at the calf can often reduce a bariatric user's ability to bend their knees sufficiently for a safe sit to stand. Using the rise function the chair is tilted forward and provide enough space to get feet into the correct alignment for a safe and independent stand from the chair. • Advice and guidance for correct measurement and prescription of bariatric users to the most appropriate seating option is advised and welcomed.

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NDIS Specific Considerations

ANTICIPATED FUNCTIONAL OUTCOMES	CLINICAL JUSTIFICATION
Facilitate social participation	<p>For individuals with kyphosis, the chair's tilt and recline features adjust their head and neck position for eye alignment with others in the room, enhancing interaction and socialization. The waterfall backrest being placed vertically instead of horizontally for immersion into the backrest and therefore avoid pressure on the spine.</p> <p>The chair allows users to engage with family and friends in communal areas with adequate postural support and pressure relief, rather than being confined to being in bed in their bedroom, fostering a more natural and inclusive social environment.</p>
Activity engagement	<p>The Configura Bariatric chair supports activity engagement by facilitating sit-to-stand transfers, enhancing mobility and daily participation. Its tilt-in-space and recline functions improve respiratory, digestive, and swallowing functions, promoting well-being. The adjustable waterfall backrest ensures prolonged seating comfort, minimising pain and allowing users to engage in activities with necessary postural support and pressure care.</p>
Injury prevention	<p>The Configura Bariatric have features that mitigate the risks associated with falls, pressure ulcers, and poor posture. The chair's adjustable height and support systems promote safe transfers and mobility, reducing fall risks and injuries associated with falls. Its tilt-in-space function and lateral supports help maintain an upright posture, preventing slippage and enhancing stability for individuals with mobility challenges or neurological conditions. Additionally, the chair's pressure care options, including interchangeable cushions and built-in pressure relief, cater to varying needs, minimising the risk of pressure injuries. These features collectively support optimal posture and pressure management, crucial for individuals at risk of falls and pressure-related injuries.</p>
Capacity to remain in own home	<p>The Configura Bariatric chair supports individuals in remaining in their own homes by providing features that enhance safety, mobility, and comfort. Its adjustability and support systems can reduce the need for external assistance, promoting independence in daily activities and contributing to a safer home environment. This capability is crucial for those wishing to maintain their quality of life while managing mobility or health challenges.</p> <p>The chair enhances the ability to remain at home by preventing injuries that could lead to hospitalisation. With features designed for safety, comfort, and mobility, it reduces the risk of falls and pressure injuries, key factors in maintaining health and independence at home.</p>
Promote independence	<p>The chair's riser function enhances independence by aiding sit-to-stand transfers, making it easier for users to stand without needing assistance, thus promoting autonomy in mobility.</p> <p>The chair's versatility in positioning also promotes rehabilitation and strength progression, making it an invaluable tool for maintaining independence in daily activities.</p>
Compatible with other AT/supports	<p>The Configura Bariatric chair is compatible with transfer aids. For less mobile users who require equipment and assistance of a carer to stand and transfer the Configura Bariatric chair is designed to be compatible with all aids (i.e. oxford switch, oxford Up, oxford journey). The design has a horseshoe/U-shaped sub frame, allowing clear space to push the aid very close to the chair when in a raised position. The chair is also appropriate for use with standing hoist and floor hoists.</p>

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Support Capacity building	<p>The Configura Bariatric chair supports user in capacity building as its customisable features adapt to the user's evolving needs, promoting greater independence and engagement in daily life. Features like leg rest elevation, backrest recline, and tilt-in-space enable users to maintain and enhance their functional abilities, aligning with NDIS goals of fostering independence and participation. Users can do pressure care management through repositioning and postural drainage with the use of leg rest elevation and tilt-in-space. The features of the chair therefore build the capacity of the user to manage aspects of their health.</p>
Value for Money	<p>The Configura Bariatric chair provides value for money by offering features that promote independence and reduce the need for caregiver assistance, such as tilt-in-space for improved posture and pressure distribution, adjustable seat dimensions for personalized fit, and compatibility with various transfer aids. These features not only enhance user comfort and safety but also adapt to changing needs, making the chair a long-term investment in user well-being and functionality. This reduces the need to purchase a new chair once the user's postural or pressure care needs change.</p> <p>The Configura Bariatric chair has value for money due to its ability to increase user independence, particularly in transfers, which can decrease the need for caregiver support. This reduction in support needs can lead to cost savings over time, making the chair a cost-effective investment for users and healthcare systems alike.</p> <p>The investment in a Configura Bariatric chair leads to substantial long-term healthcare savings by minimising the risk of pressure injuries and falls, common complications that result in costly hospital admissions. Its durable design and adaptability to changing user needs also prevent the necessity for future equipment replacements.</p>
Standards Compliance	<p>Compliance Information AS/NZS 4688.2-2000 Part 2,3,4 ARTG#288382</p> <p>Australian Standards AS/NZS 4688.2-2000 Part 2,3,4</p> <p>ARTG Information 288382</p>