

minister

...advance

Clinical Lift Chair

Designed Around the Individual

The Minister Advance is available in Petite, Standard and Large configurations. Appropriate size selection, seat dimensions, backrest adjustment, leg-rest support and position programming should form part of the individual assessment.

Additional user-centred features:

- Large-button handset for simplified control
- Seat heating for personal warmth and comfort
- Eight-area massage with two intensity settings
- Adjustable headrest and lumbar support
- Adaptable backrest cushion
- USB and USB-C charging
- Handset hooks and storage pockets on both sides

Advanced Positioning for Pressure Redistribution, Postural Support and Everyday Comfort

The Minister Advance is a five-motor lift chair designed to provide flexible positioning for people who may benefit from changes in seated posture throughout the day.

Independent adjustment is provided for:

- Tilt-in-Space
- Backrest recline
- Leg elevation
- Headrest position
- Lumbar support

Unlike lift chairs in which the leg rest and backrest move together, the Minister Advance allows the leg rest to be adjusted independently while the chair is tilted or reclined. This gives the user and prescribing clinician greater flexibility to configure the chair around individual posture, pressure distribution, comfort, lower-limb support and functional goals



5
Motor
independent
positioning



Tilt-in
Space



Integrated
heat therapy



Multi-area
massage

Adaptable
backrest
cushion



USB & USB-C



Large button
handset

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Clinical Evidence for Tilt, Recline & Leg Elevation

The current RESNA position paper identifies tilt, recline and elevating leg supports as seating functions used to address individual goals including posture, pressure redistribution, comfort, sitting tolerance, movement and lower-limb positioning.

For the Minister Advance, the clinical value is therefore positioning choice: Tilt-in-Space, recline and leg elevation can be adjusted to identify a supported configuration appropriate to the individual.

Key Benefits of Tilt

Tilt-in-Space changes the orientation of the complete seating system while maintaining the seat-to-back angle.

Postural Support:

Maintains a constant seat-to-back angle to support alignment and reduce fatigue.

Physiological Support:

Can assist breathing, digestion, circulation, and oedema management when combined with leg elevation.

Pressure Redistribution:

Shifts weight from the buttocks to the back, reducing pressure and shear. The Minister Advance has 15 degrees of tilt.

Comfort & Pain Relief:

Promotes position changes, reducing discomfort and improving seating tolerance.



Independent Leg Adjustment Elevation

The Minister Advance has independent leg-rest motor which allows the lower limbs to be repositioned while maintaining a selected tilt or recline position. This may be useful when a person requires:

- A different knee or leg-rest angle for comfort
- Lower-limb support without a linked change in backrest angle
- Progressive position changes during extended sitting
- Individual adjustment around range of movement or postural presentation (ie: tight hamstrings)
- A supported rest position configured to personal needs

Key Benefits of Recline

Recline opens the seat-to-back angle

Postural Support:

Opens the hip angle and accommodates postural needs.

Physiological Support:

Can assist breathing, digestion, and oedema management.

Functional Care:

Supports transfers, dressing, catheterisation, and hygiene tasks.

Pressure Relief:

Redistributes pressure away from the ischial tuberosities (ITs) and sacrum.

Tone Management:

May help reduce spasticity and promote relaxation.

Key consideration: Recline may increase shear forces when used alone and is often most effective when combined with tilt-in-space. It is always best practice to tilt the chair before increasing the recline angle to reduce sheering forces when used in combination.

Pressure-Mapping

Interface pressure mapping was completed using an XSENSOR ForeSite system across four chair seat configurations.

Tested Configuration	Average Pressure	Peak Pressure	Contact Area	Pressure Mapping Images
Neutral seated position	24 mmHg	47 mmHg	1,341.93 cm ²	Figure 1
Leg elevation	25 mmHg	52 mmHg	1,162.90 cm ²	Figure 2
Full tilt and mid recline	17 mmHg	40 mmHg	1,022.58 cm ²	Figure 3
Full tilt and full recline	14 mmHg	45 mmHg	941.93 cm ²	Figure 4

These results show that the Minister Advance can produce measurable change in interface-pressure distribution when seat functions change.

Pressure mapping should be interpreted as one component of a comprehensive seating and postural assessment.

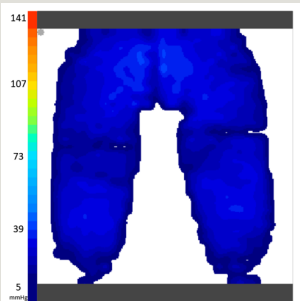


Figure 1

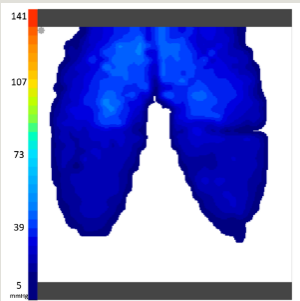


Figure 2

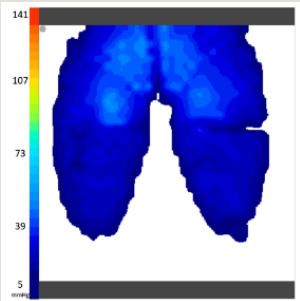


Figure 3

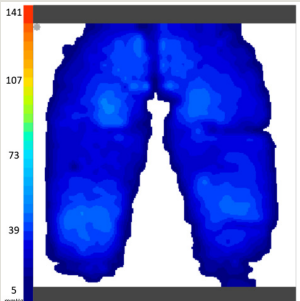


Figure 4



Azure
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Unit 9, 110-120 Silverwater Road
Silverwater NSW 2128 · Ph: 02 9737 0144

For more information
azuredesigns.com.au
sales@azuredesigns.com.au