

Sydney GoFlat™





The Sydney GoFlat has been designed to enable safe and efficient transfers of critical care patients from lying in bed to a fully seated, clinically optimised position.

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Sydney incorporates the Seating Matters principles of pressure management to ensure that when repositioned and sitting out of bed that the patient is supported correctly to reduce the risk of pressure injuries.

Early Mobilisation

The benefits of early mobilisation, getting the patient out of bed and repositioning form key parts of the rehabilitation process. Repositioning the patient and transfer from lying in bed to Sydney GoFlat can also help reduce the risks of pressure injuries, benefiting the patient both physically and mentally.

Sydney also incorporates ergonomically located handles and steering castors so that once the patient has been correctly positioned the care team can move the patient to different areas of the care facility.

Suitable for

Patients clinically assessed to start initial rehabilitation process

ICU / Critical Wards

Rehab Units

ER

Burns Units

Stakeholders:

ICU Management

Nursing Manager

Patient Handling Teams

OT's and PT's

Rehab teams



Fully go flat seat

Sydney reclines from seated to fully flat in a smooth movement via a single button on the controller



Enables lateral transfer of patient from bed to seat

Lateral transfer of patient can be achieved using approved handling techniques.



Integrates neatly with ICU bed

Sydney can be positioned to align neatly with the bed with minimal gaps to allow for smooth lateral transfer



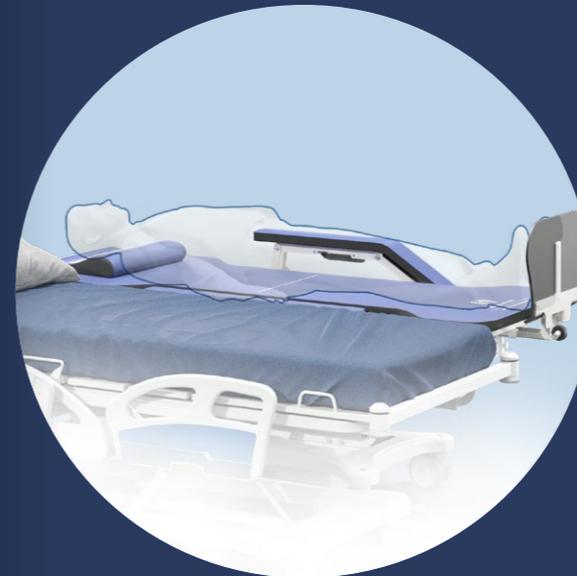
Seat height adjustability

The seat can be electronically moved up and down to come level with the bed.



Independent arm adjustment

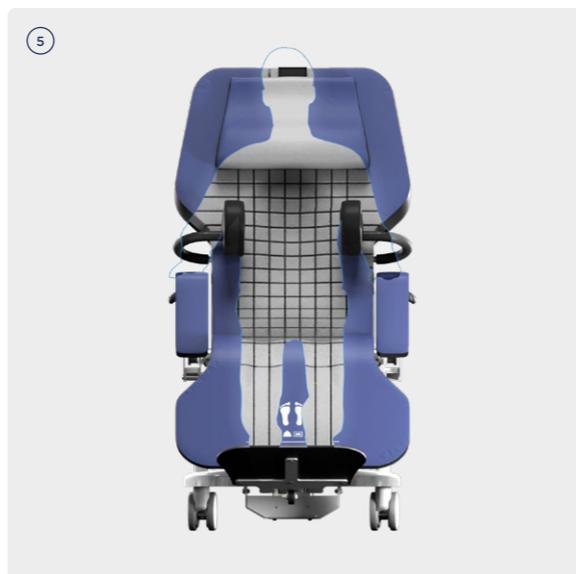
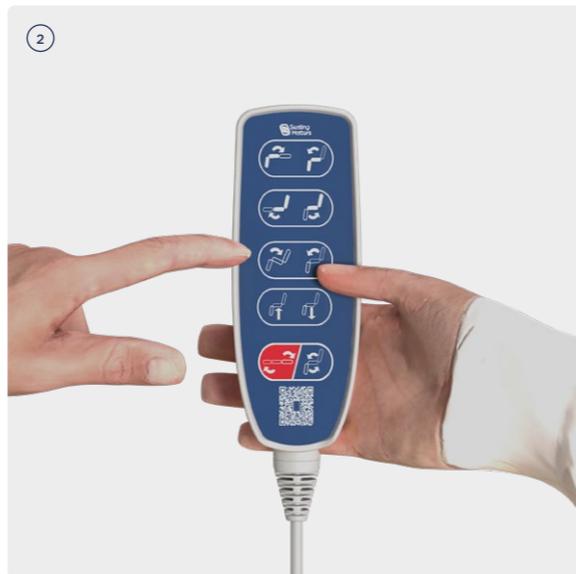
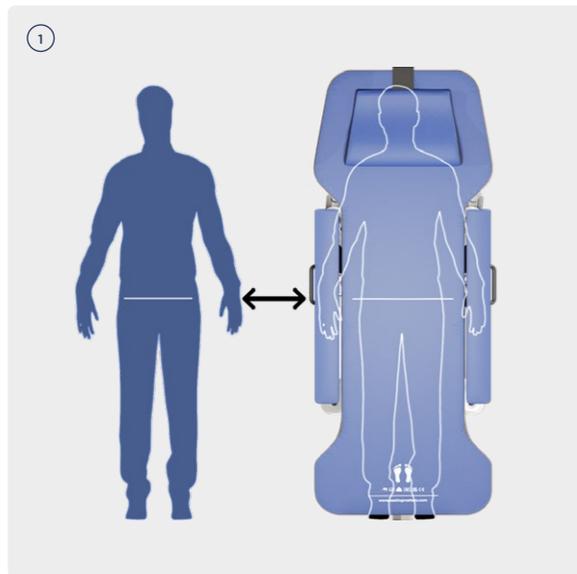
The arm adjacent to the bed reclines for transfer, while the other arm remains in up position to provide a fall arrest feature during patient transfer.



Sydney GoFlat Benefits

The Sydney GoFlat can form part of the initial process of getting patients out of bed, helping in both the physical and emotional rehabilitation of critical care patients.

Long periods of immobility can lead to poor functional and clinical outcomes. Sydney allows patients to get out of bed and into extended seated periods in a clinically designed therapeutic seat that incorporates the Seating Matters principles of pressure management.



Additional Features

① Hip alignment marking

To enable correct positioning of seat to patient prior to transfer, ensuring correct location on seat after transfer.

② Remote control

Multi-functional electronic controller with dedicated holder at back of seat.

③ Support bar

Gives stability to seat when in fully flat position.

④ Footplate

Enables weight loading of patient and correct positioning and support.

⑤ Castellated mattress

A castellated mattress designed to provide effective pressure redistribution and to reduce shear when the mattress is actuated from flat to the seated position.

⑥ IV and O2 integration

To enable the patient to 'sit out' and be moved within facility when connected to O2 and IV (using approved clinical guidelines).

Tilt in space

To enable correct distribution of weight and reduce pressure injuries.

Removable mattress

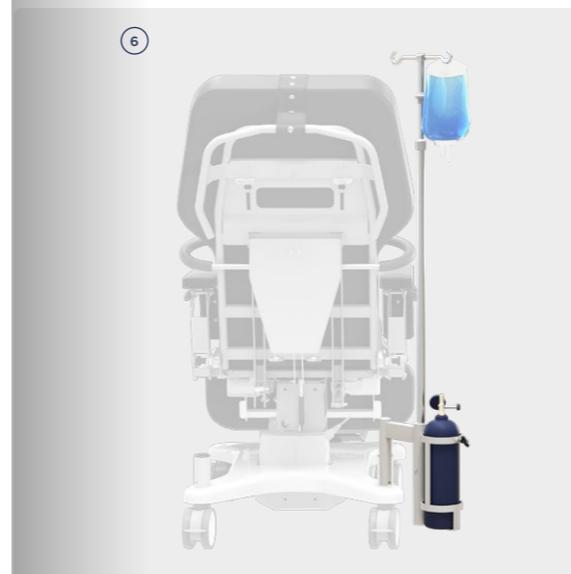
Simple removal of mattress for cleaning and servicing using a single location point.

Combination brakes and directional castor

Designed for ease of movement, direction and support when locked into position.

Ergonomic handles

For ease of movement by the care giver to different areas of the medical facility in either upright or flat position.



**Customisable
Comfort**



Chair user weight limit is
200kg / 440lbs / 31.5 Stone

**Sydney GoFlat
Testimonial**



Lead OT / Major ICU Hospital / Australia

Palliative Patient

“When faced with a palliative patient with complex needs (unsuitable for hoisting, spinal cord injury and progressive disease) I contacted Seating Matters to work through options. The Sydney Chair with its complete go flat ability allowed the patient to be Pat Slide across, gave the patient control with positioning and allowed access to areas of the hospital including the garden (usual access in a hospital bed currently unavailable).”

ICU Patient

“The Sydney Chair allowed this patient to engage with friends and family, spend time outside and sit in a more upright position to eat a meal. The patient commented on numerous occasions that sitting in the chair was “life changing” and “the highlight of her year so far” (prolonged hospitalisations). She loved the fact that she had control of the remote, and reported that it gave her meaning and purpose to her day and provided a structure and routine.”

Principles of pressure management

Load the Body



Ensure full body is in contact with the chair to redistribute pressure off bony prominences. Don't forget to load the feet! 19% of body weight goes through our feet.

Provide Postural Support



Posture and pressure are inextricably linked. Support any fixed or flexible deviations in posture with the correct seating and accessories to avoid uneven pressure redistribution.

Effective Repositioning



Guidelines recommend that seated individuals are repositioned every two hours to increase blood flow to skin. Functions such as tilt in space and back angle recline make this easier.

Appropriate Surface



All weight bearing parts of the chair should facilitate immersion, envelopment and support of the patient's body. The Seating Matters chairs are made up of Dartex covered pressure distributing foam.



1 Lateral Supports

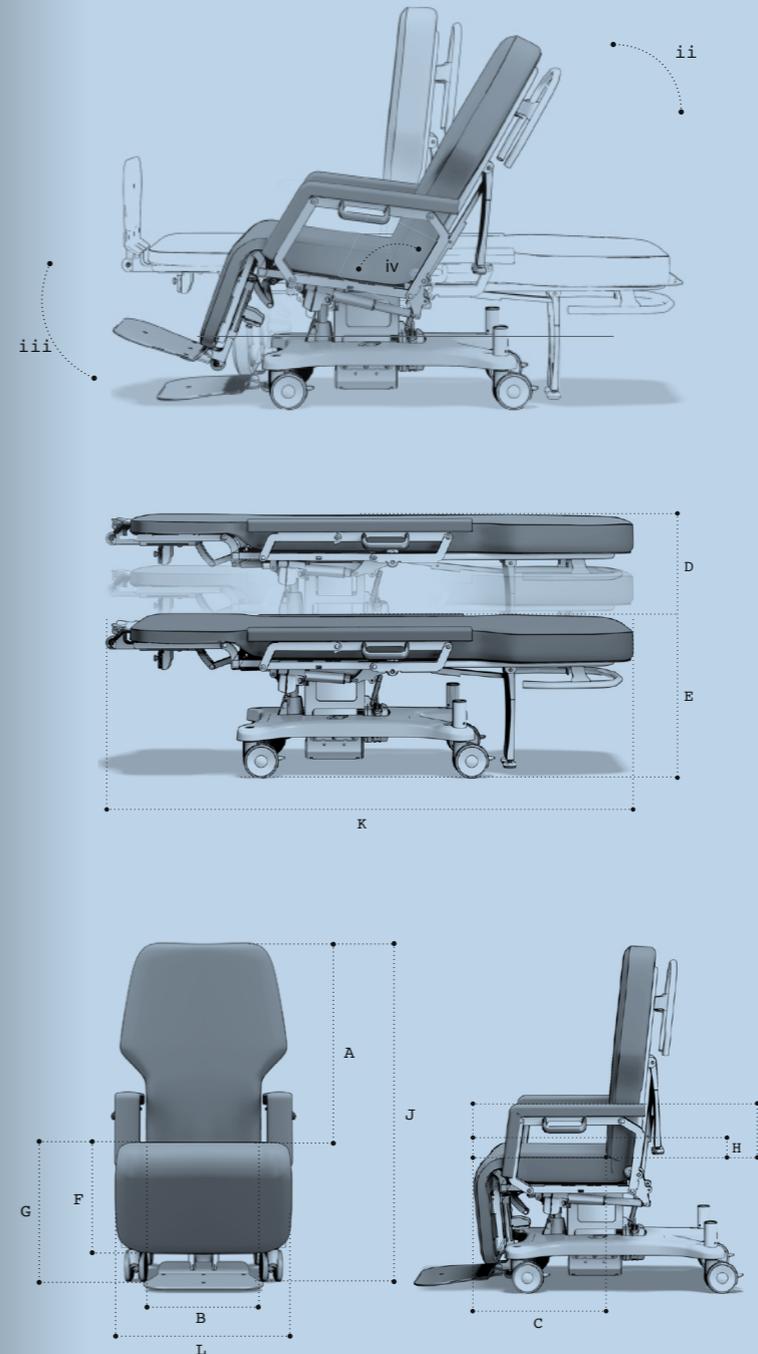
2 Headrest

3 Seat Belt

4 Padded Footplate

5 IV Pole and O2 Holder

6 Catheter Hook



User Dimensions

A	Back Height	900mm / 35in
B	Seat Width	535mm / 21in
C	Seat Depth	550mm / 22in
D	Seat Height (High)	950mm / 37in
E	Seat Height (Low)	540mm / 21in

Footplate Height (from seat)

F	High	470mm / 19in
G	Low	620mm / 24in

(Automatically retracts when lowering chair)

Arm Height Options (from seat)

H	Low	140mm / 6in
I	High	210mm / 8in

Chair Dimensions

A	Overall Chair Height	1400mm / 55in
A	Overall Chair Length	2000mm / 78in
A	Overall Chair Width	795mm / 32in

Recline and Tilt Angles

ii (Back Angle Recline)

96° - 180°
84° range

iii (Leg Rest Angle)

-10° to Horizontal
100° range

iv (Tilt Range)

0° - 17°

Chair weight unloaded

12.2 Stone / 78 Kg / 165 lb

Chair user weight limit

31.5 Stone / 200 Kg / 440 lb

Infection prevention is vitally important in the home, hospital and healthcare environments. Bacteria and germs often contribute to the development and spread of infections. They can potentially be very harmful so this is important to control and prevent, especially in areas such as hospitals, where patients may be vulnerable and susceptible to infection.

Seating Matters take infection control very seriously. Our chairs have been specifically designed to decrease entrapment areas where bacteria and germs can survive.

Dartex Multi-stretch (Patient contact surface). Waterproof, stain resistant, flame retardant, multidirectional stretch for pressure redistribution i.e. seat cushion, calf panels, lateral supports and seat back.



- ① All chairs are upholstered in a hard-wearing, enduring contract vinyl proven to counteract C.diffidie, E.coli as well as MRSA and the vast majority of bacteria.
- ② The materials can all be cleaned with hospital-grade cleaning agents, without causing damage to the fabrics. Please refer to the instructions on the specific cleaning solution you intend to use for best results.
- ③ The seat cushion is removable for ease of cleaning.
- ④ The seat cushion is attached to the base of the chair with a non-slip, wipeable material therefore having no materials such as Velcro which can hold dirt and bacteria.
- ⑤ All electric components are part of a sealed unit which can be wiped clean.
- ⑥ The metal frames of the chairs have a powder coated finish which is electro-statically applied then cured under heat to allow it to form a "skin". The powder is a thermoset polymer and is used to create a hard finish that is tougher than conventional paint, therefore protecting the frame from being exposed to outside conditions and thus preventing rusting.
- ⑦ All chairs have modular parts which means the chair can be completely dismantled leaving no areas unexposed for cleaning.
- ⑧ The complete chair frame is designed with flat panels throughout which can be easily wiped clean.
- ⑨ Dartex Multi-stretch Fabric (Patient contact surface). Properties: This fabric is waterproof, has the ability to be wiped clean and has biostatic (anti-mycotic) coatings to provide an impenetrable barrier to virus and bacteria.

Our chairs are used by



Build quality

It takes continuous, careful planning to ensure our chairs are functional as well as being aesthetically pleasing. Our design team are adamant that the chairs need to be designed in such a way that they fit into a home environment. Each and every part of a Seating Matters chair has been engineered and devised to offer optimum quality and support for the user.

Ease of use

All Seating Matters chairs can be adjusted without tools in less than one minute. Useful to easily and efficiently adjust the chair to suit the user or to readjust for use within a multi-user environment.

3 Year warranty

Have total peace of mind when relaxing in a Seating Matters chair as each one has passed some of the world's most stringent standards for strength, durability and safety. That's why we can uphold an industry leading 3 Year Frame warranty on the Sydney chair with total confidence. Some terms and conditions apply, see our 3 Year Warranty booklet for full details.



Seating Matters are an ISO 9001 Quality Management System approved company.

Seating Matters chairs are registered with the TGA — ARTG-246892



About us

Hello, I'm Martina Tierney, I am an Occupational Therapist, Author, Educator and the Clinical Director of Seating Matters.

Throughout my 30 year career, I have worked in acute and community care, nursing homes and rehab, specializing in clinical seating provision. During my time working with patients, I discovered the profound effects poorly designed seating could have on patient outcomes and struggled to find chairs which met their clinical and functional needs.

After outlining the different features my patients required, including pressure care and easy adjustability, I set the goal to change the world of healthcare seating, by designing therapeutic chairs that would meet needs of bed-bound and low mobility patients.



Why Seating Matters

It is sometimes hard for an able-bodied person to understand what it feels like to be sitting for long periods of time and how this affects your life sitting in a poorly designed chair. An able-bodied person can easily and unconsciously re-adjust their position before getting too uncomfortable.

As a comparison, think of the discomfort when you are sitting on a long-haul flight. You will get up and walk around to reduce any pain. This shows that a standard chair is not suitable for long term sitting.

Now imagine doing a long-haul flight every single day of your life. **That is what some people experience every day in their own homes, hospitals or care facilities and many haven't got the ability to change their own position!**

That is why getting the right chair for the right person is so important.

Even today, too many people continue to experience pain because of poor posture and poorly designed seating. Too many people are suffering a reduced quality of life from avoidable pressure injuries. Also far too much money is being spent by health services worldwide on reacting to these problems after it is too late.

Clinical, functional seating can help solve these problems.

As author of 'The Clinician's Seating Handbook' amongst other titles, I continue to research to find new solutions to seating challenges and help to educate audiences throughout the world on my findings.

Today, Seating Matters is changing the world through healthcare seating by improving the knowledge available to the healthcare community and by continually pushing the boundaries of seating innovations.

"Each day I realise more and more the impact of seating on people's lives. For these people, the quality of their chair determines the quality of their life."

Martina Tierney, OT

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