



CARING FOR BARIATRIC PATIENTS

## Bariatric room solutions



# Bariatric Room Solutions

Addressing the challenges of  
caring for bariatric patients

According to a 2016 report by the World Health Organisation (WHO) globally there are 650 million people that are obese – approximately 13% of the world's adult population.<sup>1</sup>

Caring for bariatric patients is a substantial and increasingly necessary challenge for today's healthcare providers. This is especially so in the hospital environment, where the increasing population of larger patients places considerable pressure on available resources.

Very often care facilities lack access to appropriate equipment, processes and training to deliver, comfortable and dignified care for this patient population. As a result, the practicalities of care provision can be very daunting for both patients and their caregivers.

Having timely access to the right products can help improve dignity, and comfort for patients, while improving care processes and subsequent efficiency of caregivers.

## We help you:



Improve care efficiency



Promote patient comfort and dignity



Respond to changing needs with operational freedom

Our Bariatric Room Solutions ensure your healthcare facilities are equipped for the increasing challenges of bariatric patients and ready to deliver, cost efficient and dignified patient care

### Patient Handling & Hygiene

Enable comfortable transfers for larger patients and their caregivers



### VTE prevention

Reduce the risk of venous thromboembolism with non invasive intermittent pneumatic compression (IPC)



### Financial Solutions

The right solution at the right time, with or without capital investment



## Bariatric Room Solutions

### Support surfaces and microclimate management

Enhance the care and protection of fragile skin with surfaces and microclimate management solutions for larger patients with compromised skin integrity



### Medical Beds

Provide a dignified environment for bariatric patients up to 454 kg (1000 lb) in weight



### Training

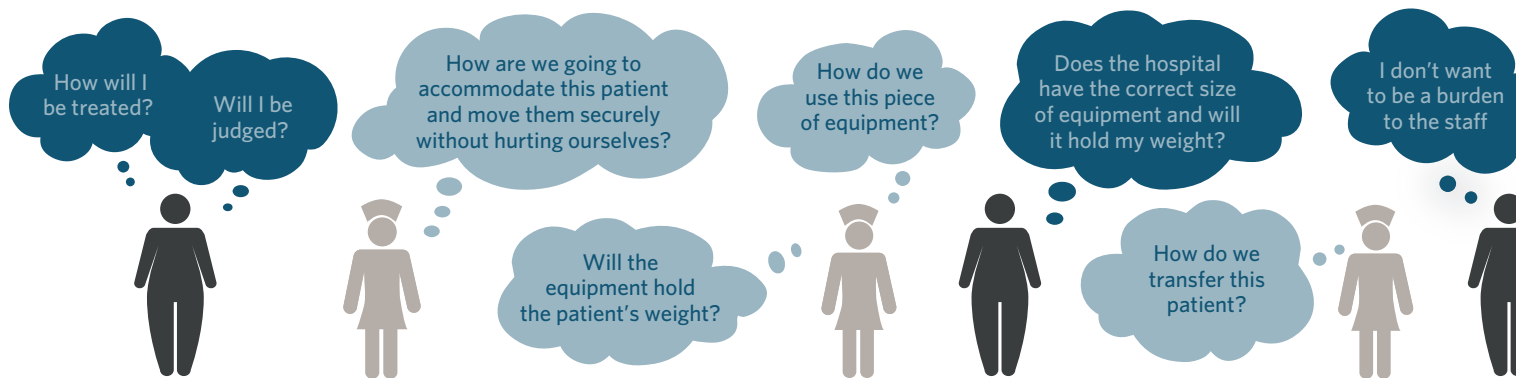
Deliver ergonomic training programmes\*



\* Training and consultancy offers may vary across regions. To find out more, visit [www.arjo.com.au/bariatricsolutions](http://www.arjo.com.au/bariatricsolutions)

# Patient dignity and caregiver efficiency

## Questions and concerns



## Our bariatric solutions

### Medical Beds



**Citadel® Plus**  
SWL\* 454 kg (1000 lbs)

### Support surfaces



**Sizewise Comfort Turn**  
SWL\* 454 kg (1000 lbs)

### Microclimate management



**Skin IQ® 1000**  
SWL\* 454 kg (1000 lbs)

### Ceiling lift system



**Maxi Sky® 2 Plus and slings for seated and lateral transfers**  
SWL\* 454 kg (1000 lbs)

### Floor lift system

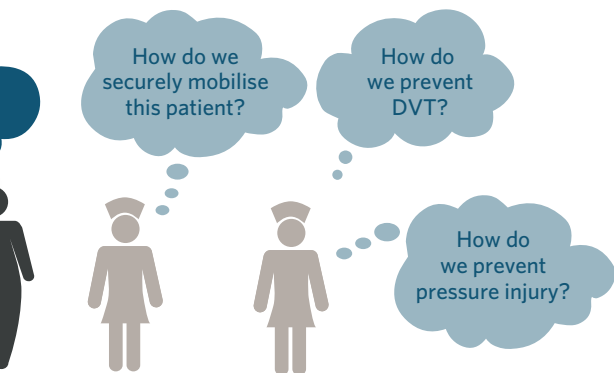


**Tenor® and slings for seated transfers** SWL\* 320 kg (704 lbs)

### VTE prevention



**Flowtron ACS900 pump with Tri Pulse or DVT60 garments**  
– up to 81 cm (32") in calf size



### Lateral transfer and repositioning



**Maxi Air®** air assisted transfer system SWL\* 544 kg (1200 lbs)  
**MaxiSlide®** sliding sheets

### Hygiene



**Carmina®**  
SWL\* 320 kg (705 lbs)

\*SWL: Safe Working Load

## Improve caregiver efficiency

Caring for bariatric patients often requires the help of additional staff to ensure care tasks are completed but without appropriate equipment this can place caregivers and patients at increased risk of injury. These challenges can be addressed by providing caregivers with the right bariatric equipment in a timely manner. Without the proper equipment, both caregivers and patients can be at risk of serious injury. Our range of bariatric handling equipment helps facilitate efficient handling of the bariatric patient.

## Promote patient comfort and dignity

Bariatric patients may worry about whether their shape or size may inconvenience staff and other patients, or lead to care delays or equipment failure. This can make a healthcare facility stay extra stressful for bariatric patients.

Everyday tasks such as visiting the toilet or getting in and out of bed can present difficulties for larger patients, especially if their usual levels of agility are debilitated by illness or the effects of surgery.

Providing easy access to bariatric equipment can increase comfort for both patient and caregiver.



# Patient handling solutions

Streamlined ergonomic efficiency



The handling, lateral transfer and repositioning of patients can be time consuming and physically strenuous for caregivers. Without the proper equipment, both caregivers and patients can be at risk of serious injury. Our range of bariatric handling equipment helps facilitate efficient handling of the bariatric patient.

All solutions, including ceiling lifts, floor lifts and lateral transfer devices are specifically designed to enable caregivers to help improve dignity and comfort of larger patients.

## Our patient handling solutions:

- Ceiling lifts
- Floor lifts
- Lateral transfer devices

# Hygiene solutions

Enhancing dignity and comfort



Addressing the hygiene needs of larger patients can be a key challenge in bariatric care. If appropriate solutions are unavailable, caregivers may be subjected to increased static load during patient handling and hygiene activities.

Our bariatric hygiene solutions have been developed to support comfort and dignity for the bariatric patient. They provide caregivers with an ergonomic platform for assisted showering and toileting routines for patients weighing up to 320 kg (705 lbs).

## Carmina

### COMFORTABLE AND DIGNIFIED

- Designed specifically for assisted hygiene routines, showering and toileting for patients.
- Transfer-friendly design enhances comfort for patients with different mobility levels.
- Available in two models as a bedside commode, a mobile multifunction shower, and commode chair.

# Therapeutic support surfaces

Enhanced care for compromised skin



Due to fluid retention and poor circulation, bariatric patients commonly suffer increased skin fragility, making them more vulnerable to pressure injury and skin tears.<sup>2</sup> To help mitigate this risk, the use of appropriate support surfaces are recommended.<sup>3</sup>

We offer a range of support surfaces and microclimate management solutions to help in the care of bariatric patients with compromised skin integrity.

## **AtmosAir Plus**

NON-POWERED, PRESSURE REDISTRIBUTION SURFACE

- Self Adjusting Technology™ (SAT) that automatically alters pressure in response to patient movement for uninterrupted pressure injury prevention.

## **Skin IQ 1000**

MICROCLIMATE MANAGEMENT

- Skin IQ 1000 microclimate management system utilises Negative Airflow Technology™ to assist in managing the moisture, heat and humidity (microclimate) of the patient's skin to help reduce the risk of pressure injury.



# Medical beds

A secure dignified environment



The bed is the centre of care during a hospital stay, providing a platform for patient recovery while helping reduce the risk of patient and caregiver injury. Beds that are able to cater to the size and weight of bariatric patients, without compromising comfort, dignity or desired treatment outcomes, are essential.<sup>2</sup>

Citadel® Plus is designed for patients up to 454 kg (1000 lbs.) and ensures facilities can accommodate the needs of bariatric patients and their caregivers while maintaining efficiency and helping to preserve dignity. Our bariatric beds deliver versatility to support a wide range of larger patients.

## Citadel Plus

PRESERVING DIGNITY, ADVANCING CARE

- Visually consistent with other Arjo hospital beds, the *Citadel Plus* Bariatric Care System is difficult to distinguish as a bariatric product, helping to preserve the dignity of bariatric patients.

# VTE prevention

Comfortable, non-invasive and clinically effective



Obesity is associated with a high risk of venous thromboembolism (VTE) – a leading cause of hospital morbidity and mortality for bariatric patients.<sup>4</sup>

The Flowtron® Active Compression System delivers intermittent pneumatic compression (IPC) a simple, easy-to-use method of circulating blood in the deep veins of the legs, reducing venous stasis and helping to prevent the formation of DVT.

Arjo's Flowtron Tri Pulse™ and DVT60 garments are specially designed for bariatric patients with calf size up to 81 cm (32").

## Flowtron Active Compression System

NON-INVASIVE AND CLINICALLY PROVEN

### PUMPS

- The Flowtron ACS900 Active Compression System, delivers IPC in both uniform and sequential modalities from one simple, easy-to-use pump, providing convenience and choice.

### GARMENTS

- Independent testing of the Flowtron DVT garments have shown to be non-thermal in nature with excellent moisture management properties. These key attributes are important in the performance of the garment in promoting comfort and subsequent compliance with IPC therapy.\*

\*The textile properties of Deep Vein Thrombosis (DVT) garments. A factor in patient compliance with Intermittent Pneumatic Compression (IPC) Systems WHITEPAPER – PREVENTING VTE  
Author: Professor Julian Ellis, Ellis Development Limited, Nottinghamshire, UK

# Financial solutions

The right solution at the right time, with or without capital investment



Equipped with the right solutions, care facilities have the ability to improve the quality of care for both patients and caregivers. To help facilities have rapid access to bariatric product solutions, we offer a rental programme that can be tailored to meet your needs. Our Bariatric Room Solutions range from a single product to a full package, offered as an ad-hoc rental or a customised rental contract.

Get in touch  
with your local  
representative to  
discuss the financial  
solutions that match  
your facility needs.

**[arjo.com.au/  
bariatricsolutions](https://arjo.com.au/bariatricsolutions)**

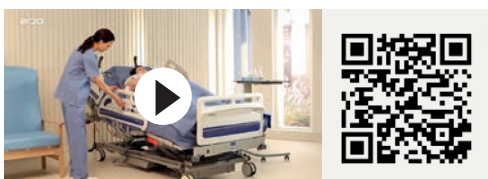
# Training

## Caregiver – patient handling techniques

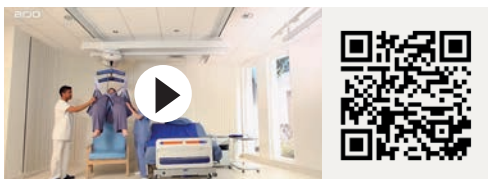
We offer product usage training and patient handling programs to ensure the efficiency of caregivers and the comfort of patients. Training and consultancy offers may vary across regions.

To find out more, visit

**[www.arjo.com.au/bariatricsolutions](http://www.arjo.com.au/bariatricsolutions)**



### Citadel Plus Demonstration video



### Maxi Sky 2 Plus Demonstration video

#### References:

1. <https://www.who.int/news-room/fact-sheets/detail/obesity-and-overweight>
2. Muir, M, Archer-Heese, G. (2009) Essentials of Bariatric Patient Handling Program, OJIN: The Online journal of Issues in Nursing Vol. 14, No. 1.
3. National Pressure Ulcer Advisory Panel, European Pressure Ulcer Advisory Panel and Pan Pacific Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers: Quick Reference Guide. <http://www.internationalguideline.com/static/pdfs/NPUAP-EPUAP-PPPIA-PUQuickReferenceGuide-2016update.pdf>
4. Paul D. Stein, Afzal Beemath, MD, Ronald E. Olson, PhD (2005) Obesity as a risk factor in venous thromboembolism, American Journal of Medicine, Vol. 118, Issue 9.

At Arjo, we are committed to improving the everyday lives of people affected by reduced mobility and age-related health challenges.

Our products and solutions ensure ergonomic patient handling, personal hygiene, disinfection, diagnostics, effective prevention of pressure injuries and venous thromboembolism and helping professionals across care environments raise the standard of dignified care.

Everything we do, we do with people in mind.

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