

The most effective mobilisation and manual handling solution for recovering stroke patients

Stroke patients can present a number of challenges and complications, including:

- Cerebral Insult (neurological deficit caused by disturbance of brainblood flow)
 - These complications can often lead to stasis of body fluids, which includes pooling of secretions within the lungs, incomplete emptying of the urinary bladder and impaired venous return, as well as to pressure effects on susceptible skin surfaces.
- Mobilisation
 - Mobilisation is often compromised for patients who have experienced a stroke with survivors experiencing paralysis and/or balance problems. This means that rehabilitation can be challenging, but a positive impact on the speed of recovery can be achieved when patients use muscles as soon as possible.
 - Foot drop is a common problem during stroke recovery. This condition is caused by weak leg muscles that cause the ankle to drop down when lifting a leg to take a step. It may cause a person to trip and fall.
- Manual handling
 - Due to the mobilisation challenges, patients recovering from a stroke may struggle to support their own weight and trunk. For caregivers, this means getting patients to do basic movements such as lying to sit and sitting to stand can be difficult. It can also result in stress and strain on the caregiver's back.

KEY FACT:

A study of acute stroke patients by Roger et al found the use of kinetic (automatic lateral) therapy demonstrated significant effectiveness in reducing the high rate of infection.¹

Multicare & Dolphin solutions:

The unique combination of Multicare and Dolphin helps to combat many of the issues caregivers experience when caring for a stroke recovery patient. This includes:

Automatic lateral therapy

Unlike cushion-based rotational systems that concentrate mobility solely on the patient's chest, Multicare mobilises the whole body laterally helping to prevent the challenges associated with cerebral insult. This helps to minimise all complications of immobility by:

- Maintaining mobility of chest secretions
- Maintaining mobility of the gut
- Preventing stasis of urine
- Continually stimulating muscular and skeletal systems
- Maintaining mobility of blood flow including pulmonary blood flow to maximise oxygenation

Cardiac/Full Chair position to help maximise respiratory function, reduce the risk of foot drop and aid rehabilitating the patient psychologically.

A unique device called **Mobi-Lift** that assists patients out of bed safely with reduced staff effort.

Platform based lateral tilt provides the ability to provide care whilst protecting from manual handling injury during essential interventions.

If you would like to discuss how our new package could benefit your patients, please call us and ask to speak to one of our RN/RGN-qualified Clinical Advisors.

If you'd like to experience Multicare + Dolphin Therapy, please call us to request an immediate trial, with the first fourteen days offered free of charge for new customers.

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Improving outcomes in the patient environment



Dolphin Therapy: New Clinical Outcomes Summary



Outstanding Clinical Outcomes

Over the past three years, 522 detailed clinical evaluations have been recorded for highly complex patients with multiple comorbidities who were nursed on Dolphin Therapy.

91%

of these patients were classified as high to very high risk with common conditions including:

- Burns
- Trauma
- Spinal injuries
- Flaps & grafts
- Post-operative
- Low weight
- End-of-life
- Stroke

95%

of patients with existing skin damage healed, improved or remained static

Existing skin damage included 65 DTIs, 227 category IV PUs and 116 unstageable wounds.

100%

of patients without skin damage retained intact skin

This included end-of-life and post-operative patients.

Why choose Dolphin Therapy?

Uniquely, Dolphin Therapy simulates immersion into a fluid environment to deliver the most natural and effective form of pressure redistribution. As a result, tissue symmetry is maintained, vascular occlusion is minimised, tissue perfusion is maximised and tissue ischaemia prevented.

The maintenance of tissue perfusion is the key reason Dolphin Therapy is the most effective surface for the prevention and treatment of skin damage in the most complex of patients and is the reason why we continue to see such outstanding clinical outcomes.

If you are a new customer and can identify a suitable patient, you can receive a fully supported trial of Dolphin Therapy and Multicare with the first 14 days offered free of charge.

Please call us and ask to speak to one of our RN/ RGN-qualified Clinical Advisors for an immediate trial.

Additional outcomes reveal

- **100%** of patients had their objective for pain management met.
- **99%** of patients had their objective for comfort met.
- **86%** of patients had their objective for improvement in concordance met.
- **88%** of patients previously nursed on a dynamic surface were repositioned less frequently on Dolphin.

Caregiver comments include:

“Dolphin contributed to improved comfort levels prior to end-of-life”

“Heals faster & is more effective than other air mattresses used within the Trust”

“Patient usually has red marks on all other surfaces... no marks since placed on Dolphin”

“Pain level improved. Patient even refused analgesia”

“Dolphin is seen as the Rolls Royce of mattresses”