

medifab®

Shaping Better Lives



CLINICAL LYING
& POSITIONING
SOLUTIONS

MEDIFAB.CO.NZ



Our vision is to make a positive difference to people living with disabilities, along with the carers and therapists that support them.



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medifab®

Shaping better lives since 1990.

Grown from small beginnings, the Medifab story is driven by a single-minded purpose – to bring comfort and functionality to people living with disabilities.

Built from the ground up by a New Zealand family, we design, manufacture and export specialist seating and high-quality clinical equipment for children and adults with complex medical needs. Established in 1990 with a genuine passion to help, we innovate to create break-through technologies, so our clients can manage their daily physical and cognitive challenges with the dignity they deserve.

Working closely with therapists, carers and clients, our customer-focussed approach and 'whatever it takes' attitude is at the heart of everything we do. And now, as a leading manufacturer and supplier of high-quality clinical equipment, we continue to push boundaries and adapt our solutions so we can shape better lives in New Zealand and the rest of the world.



medifab®

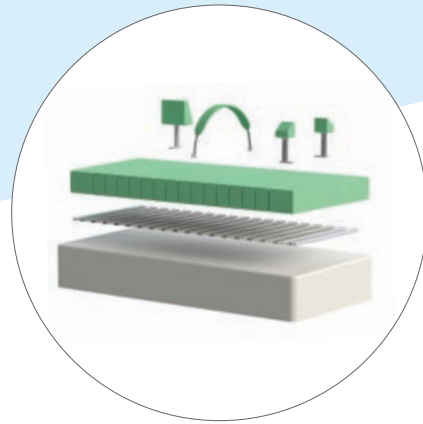
Our Sleep Systems



Symmetrisleep System

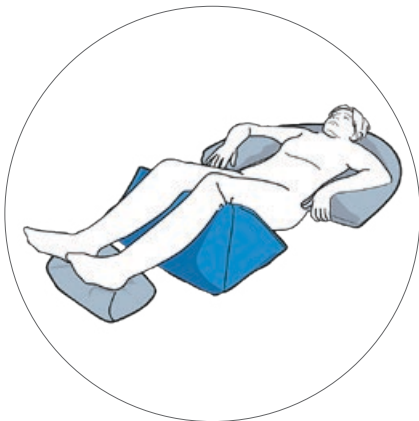
Comprised from different components which can be individually scripted/prescribed in order to maintain the best posture possible as well as to prevent abnormal tonewhile sleeping. Can accommodate children through to adults in prone, supine or side-lying positions. Uses a combination of velcro sheets and brackets, and pillows with adjustable chipped foam filling.

Especially unique in this range is the **Coolover®** technology fabric, designed to assist in the microclimate of the skin thus controlling body temperature regulation.



Dreama™ by Jenx

Pressure reducing mattress and lying posture support system combined. Suitable for children and adults with several clinical conditions such as asymmetric posture, high pressure care needs, general postural discomfort and low positioning incited by abnormal tone. Great option for those with increased tone due to the positioning elements (cushions, wedges and rolls) being fastened to the base frame though the slots in the mattress. **Glide-lock™** technology means there are no difficult fastenings, no nuts and bolts, no noisy Velcro tape, just a supportive large variety of pad accessories that simply slide and lock in where needed.



CareWave & Poz'In'Form

Body positioning systems which offer lying and seating support to infants and adults. Various shapes are available depending on the user's need for positioning.

CareWave: Unique micro-particle padding provides flexibility and a moulding effect, essential to support asymmetric postures, fill body gaps and for comfort around the user's body and limbs.

Poz'In'Form: Microfibre filled cushions are designed to perform various support and comfort functions for long-term bedridden people.



Simple Stuff Works

High quality education and therapeutic positioning equipment with an aim to eradicate the preventable problems associated with body shape distortion.

Simple Stuff Works take pride in the fact that their equipment is silent, hygienic and simple to use. The system uses mesh to keep the brackets in place, and has a variety of pillow sizes, wedges and leg supports available. Fibre filled cushions mean that heat production is reduced. Training programs are available in Australia and New Zealand to allow implementation of this powerful form of therapy as safely and as humanely as possible.



Simple Stuff Works

Charlie and his twin brother Evan were born at 32 weeks and Charlie was diagnosed with cerebral palsy at seven months, probably as a result of Twin to Twin Transfusion Syndrome.

Charlie has quadriplegic cerebral palsy which affects all of his limbs, leaving him unable to stand, walk or sit unsupported.

"The Positioning System from Simple Stuff Works is just fantastic. Not only is it more discreet, but we can take parts of it with us when we go away and as any parent of a child with disabilities will know, the amount of equipment you have to travel with can be enormous" says Olivia (Charlie's Mum)

From Charlie's perspective, the system is far more comfortable than his previous system and allows his bed to look normal, which Charlie's parents feel is very important as he has so much other equipment in his room.



Simple Stuff Works

The Simple Stuff Works way provides high quality education and therapeutic positioning equipment with an aim to eradicate the preventable problems associated with body shape distortion.

Simple Stuff Works advisors and colleagues are all highly experienced, having written some of the leading research into Postural Care and its effects. Medifab educators have been upskilled by these individuals and are ambassadors to promote protection of body shape.



Therapeutic positioning requires a comprehensive understanding from everyone involved if it is to be implemented successfully. Medifab with Simple Stuff Works is equipped to offer a range of training to support families, healthcare professionals and indeed anyone with an interest in therapeutic positioning. Our courses are accredited and license delegates to join a worldwide community of Postural Care Leaders with access to all our training materials and support.

Simple Stuff Works take pride in the fact that their equipment is silent, hygienic and simple to use. Training programs are available in Australia and New Zealand and will allow you to implement this powerful form of therapy as safely and as humanely as possible.



Simple Stuff Works Packages

Packages are available in three sizes with common items

	Infant Package	Child Package	Adult Package
Code	7150-7001-C00	7150-7002-S00	7150-7003-S00
User Age	For infants from 0 to 5 years of age	For children from 5 to 12 years of age	For adults from 12+ years of age
Package Includes	<ul style="list-style-type: none"> • Cot bed mesh • 2x cot toppers • 2x cot cotton sheets • 2x small lateral supports • 2x small wedges • Small roll pillow • Small horseshoe pillow • Travel bag 	<ul style="list-style-type: none"> • Single bed mesh • 2x single toppers • 2x single cotton sheets • 2x medium lateral supports • 2x medium wide wedges • Standard horseshoe pillow • Size 3 supine stabiliser • Travel bag 	<ul style="list-style-type: none"> • Single bed mesh • 2x single toppers • 2x single cotton sheets • 2x medium lateral supports • 2x medium wide wedges • Standard horseshoe pillow • Size 4 supine stabiliser • Travel bag



Simple Stuff Works Stabilising Mesh

- The base of the sleep system starts with a set of two layers of non-slip mesh. Supports are placed between the two layers around the individual to create the ideal position for them.
- One of the most hygienic bases for a positioning system being anti-microbial, complete with SteriTouch running through it, anti-mite, anti-fungal, entirely washable and conforms to Oeko-Tex Standard 100.
- Firmly holds any supports and is completely silent to use, making changes in position throughout the night as gentle and calm as possible.
- Can be used to also hold other pieces of equipment in place as well as holding the individual which means that the overall positioning system is very secure whilst allowing for easy changes in position.

	Cot Bed Size	Single Bed Size
Code	7150-7011-C00	7150-7012-S00
Length	Base layer: 1600mm Top layer: 1600mm	Base layer: 1790mm Top layer: 1810mm
Width	Base layer: 1530mm Top layer: 1080mm	Base layer: 1520mm Top layer: 990mm



Simple Stuff Works Temperate Topper

- Pair of soft mattress toppers which is non-dynamic, neither cooling nor warming the individual so as not to interfere with their unique temperature regulatory system; an essential safety feature for those who find it difficult to control their own temperature.
- Used underneath the sheet on top of the layers of Stabilising Mesh.
- Made with a state-of-the-art material which is machine washable to 90°
- Wicks moisture away from the skin and allows air to circulate around an individual, helping to maintain a dry, temperate environment for them to rest in.
- Single size can also be used on larger beds.

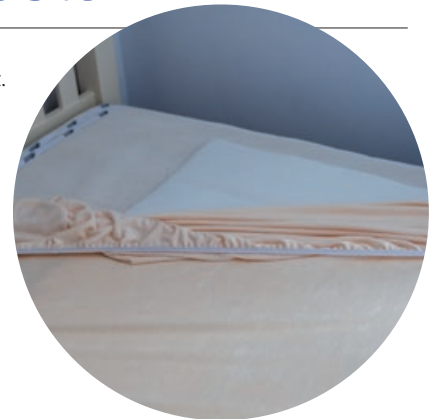
	Cot Bed Size	Single Bed Size
Code	7150-7051-C00	7150-7052-S00
Length	1000mm	1000mm
Width	590mm	1000mm



Simple Stuff Works Fitted Sheets

- Made from a beautiful material which is hard wearing but soft to ensure maximum comfort.
- Extra big and stretchy so that supports can be placed around an individual and the sheet will still conform to their body.
- Double bed sizes available on request.

	Cot Bed Size	Single Bed Size
Code	7150-7121-C00	7150-7122-S00
Length	1400mm	1900mm
Width	700mm	900mm

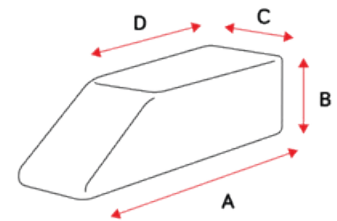


Simple Stuff Works Wedges

- Made with a specialist fibre and covered in a soft yet durable polyester-mix material.
- Fibre is highly breathable and wicks moisture away from the skin allowing the person to remain comfortable whilst reducing the risk of tissue damage.
- Tapered at one end to facilitate use in a variety of positions.
- Also available in option for air mattresses designed to grip directly to the mattress surface. See scripting and ordering guide for more information.



	Small Narrow	Small Wide	Medium Narrow	Medium Wide	Large
Code	7150-7311-000	7150-7312-000	7150-7313-000	7150-7314-000	7150-7316-000
A	150mm	220mm	360mm	310mm	490mm
B	80mm	120mm	90mm	130mm	130mm
C	80mm	100mm	80mm	110mm	110mm
D	80mm	100mm	200mm	200mm	330mm

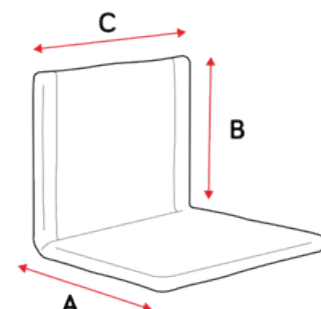


Simple Stuff Works Padded Lateral Supports

- Perfect for providing firmer support for an individual using our therapeutic positioning equipment.
- L-shaped with soft, washable, removable pads which cover them.
- Positioned between the two layers of stabilising mesh which holds them in place securely.
- Can also be used to support other support items such as legs supports or pillows.
- Also available in option for air mattresses designed to grip directly to the mattress surface.
- See scripting and ordering guide for more information.



	Small	Medium	Large
Code	7150-7201-000	7150-7202-000	7150-7203-000
A	180mm	220mm	280mm
B	120mm	140mm	220mm
C	180mm	220mm	280mm

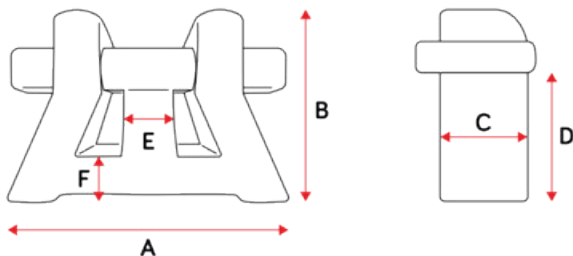


Simple Stuff Works Supine Stabiliser

- Leg support piece which is designed to help an individual to keep a neutral, supine position for long periods of time.
- Worn above the knees, across the thighs, it stabilises the pelvis and the femora.
- Supports the legs to be therapeutically aligned from a habitual, unsupported, or destructive position.
- Can be used with individuals of all ages during immobilisation after surgery, to therapeutically align the legs and avoid contractures.
- Available with either a standard terry toweling outer, or combination of wipeable inner and a terry toweling outer.



	Size 1	Size 2	Size 3	Size 4	Size 5
Standard	7150-7371-000	7150-7372-000	7150-7373-000	7150-7374-000	7150-7375-000
Wipeable inner/terry outer	7150-7381-000	7150-7382-000	7150-7383-000	7150-7384-000	7150-7385-000
A	350mm	420mm	490mm	580mm	720mm
B	240mm	290mm	300mm	320mm	380mm
C	100mm	130mm	180mm	220mm	220mm
D	130mm	170mm	190mm	210mm	210mm
E	90mm	90mm	100mm	110mm	110mm
F	40mm	70mm	70mm	70mm	70mm

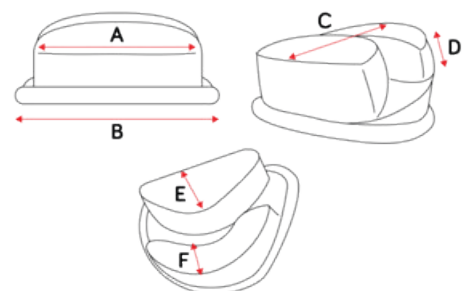


Simple Stuff Works Side Lying Leg Support

- Designed to protect the hips and pelvis when a person is lying on their side.
- The leg channel creates a perfect place for the top leg to lie and the bottom leg wraps gently around the outside.
- When combined with lots of support along the person's back, a supportive side lying position can be achieved.
- Perfect for individuals who need to lie on their side for safety reasons.



	Size 1	Size 2	Size 3
Standard	7150-7971-000	7150-7972-000	7150-7973-000
Wipeable inner/terry outer	7150-7981-000	7150-7982-000	7150-7983-000
A	270mm	400mm	400mm
B	380mm	560mm	610mm
C	280mm	340mm	400mm
D	80mm	100mm	110mm
E	130mm	200mm	150mm
F	80mm	90mm	70mm

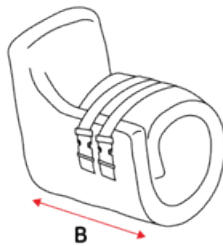
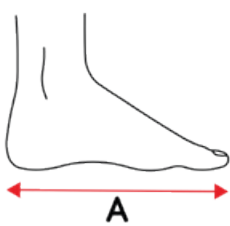


Simple Stuff Works Foot Support

- Designed to hold the feet in a neutral position for long periods of time.
- Made from the same fibre as the Temperate Toppers so they help to keep the feet feeling fresh whilst they are protected from falling forwards or rotating.
- Terry toweling outer makes for a comfortable and soft feel on the feet.
- Easy clip system makes it easy to put on and take off.



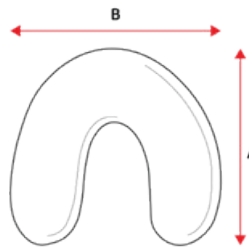
	Size 1	Size 2	Size 3
Code	7150-5351-000	7150-5352-000	7150-5353-000
A	210mm (max)	250mm (max)	300mm (max)
B	200mm	220mm	300mm



Simple Stuff Works Neck Support Pillow

- Great option for supporting an individual's neck.
- Made from a soft fibre and covered in a comfortable yet durable polyester-mix material.

	Neck Support Pillow
Code	7150-4050-000
A	350mm
B	300mm



Simple Stuff Works Horseshoe Pillow

- Made from a soft fibre and covered in a comfortable yet durable polyester-mix material.
- Can be used for a variety of different functions and is normally used to support the user's legs.
- Can be used between the two layers of stabilising mesh, or on top of the sheets

	Small	Large
Breathable inner/terry outer	7150-7711-000	7150-7712-000
Wipeable inner/terry outer	7150-7721-000	7150-7722-000
A	460mm	500mm
B	190mm	200mm



Simple Stuff Works Head Positioning Pillow

- Universal supportive positioning pillow to provide the extra support where required.
- Can be used between the two layers of stabilising mesh, or on top of the sheets.
- Covered by a soft and comfortable, yet durable terry toweling cover.

	Small	Large
Code	7150-7501-000	7150-7502-000
Length	480mm	680mm
Width	350mm	450mm





Symmetrisleep

My son, Jason, is now nearly 19 years old and I have been using the Symmetrikit Sleep System for him since 2000. Jason has severe Cerebral Palsy with associated Scoliosis and Kyphosis, muscle spasms, bi-lateral hip dislocation and he also has complex health needs. He suffers a great deal of pain and is frequently distressed during the day and night.

The sleep system has been the one piece of postural equipment that we have been able to use for him whether he is settled or distressed, well or unwell. No other piece of equipment has given us that flexibility. He has always reacted adversely to being 'held' in position in equipment that is not comfortable, and therefore the use of it ends up being counter productive. He becomes more tense and more distressed the longer he is in it. This has never been the case with the Symmetrisleep system. Due to the deeply padded Airmantle mattress and also pads covering the brackets, his comfort is maintained, tension is eradicated and yet he is held in the correct posture for him.

Sandy (Jason's Mum)



Primo – it's never too soon to start

Introducing Early Years Positioning

Although Symmetrisleep® have been designing, manufacturing and supplying market leading postural care products for over 20 years, for the first time, with the introduction of Primo, the specific needs of 0-3 year olds are now being catered for.

Early Intervention Teams have been supporting families by teaching to position and handle their young child, in positive stimulation, sensory and play. Primo now offers a solution for day and night time positioning in lying.

Why supported lying?

In your Early Years learning to lie straight against the effects of gravity can be challenging. If you can be supported in a Symmetrical lying position and learn to lie straight, day time can be so much more fun. Postural Care has become more widely accepted as a route to better positioning, easier manual handling, improved ability to function, therapy and play.

Successful outcomes

We work closely as a team with Therapists, Families and Infants, successfully providing our Symmetrisleep® systems. With a long history of supplying our simple in bed support systems we are in contact daily with people who are showing improvements in comfort, body shape, range of movement and reduced tone.

Simple

- Primo is simple and easy to use – unzip the carry bag and you're ready to go. You can use it on any flat surface where there is no risk of falling* Simply lay your child on the built in Temperature Regulating top sheet and start using.

Comfortable

- Symmetrisleep® have used the unique Temperature Regulating Technology, CoolOver, and Pressure Relieving materials to ensure the 'Baby Soft' Primo is so comfortable for the young infant.

Portable

- The Primo is Compact, Light and comes in an 'All in One' Carry bag. You can take it anywhere.

Hygienic

- The 'Baby Soft' Primo is easy to keep clean. All fabrics are machine washable and can be cool dried. The base unit, cushions and wedges are wipe clean.

Safe

- Flammability, Breathability, Hardness and Airflow. Complies with Furniture and Furnishings (FIRE SAFETY) regulations 2010. Complies with EN597-2, BS1877-8 1974, BS7177, BS6807 and BS4578.

* Please seek guidance on positioning and using your Primo from the Qualified Health Professional who has prescribed your Primo System.



Where can I use my Primo?

Symmetrisleep® Primo can be used in an existing cot, crib, carry cot or even on the floor for day time therapy and play*



Primo Starter Pack

What is in the Bag?






Primo starts with a bag that unfolds to form a base mattress. This can be secured to a cot or bed with the securing straps supplied. Attached to the top face of the mattress is a Velcro sheet and on top of that is your Coolover TR3 sheet.

Various soft supports are supplied in the bag. These can be added or removed when your baby is lying on the system to mould to the desired position offering soft and stable support without being restrictive.

As the supports are held in place by the Velcro they don't drift out of position and you don't need to reposition them until you actually want to, so reducing disturbances.

Starter Pack Contains	Quantity
Primo Base c/w Airmantle Core and Carry Bag Outer	1
Primo Base Velcro Sheet	1
Primo Coolover Oversheet	2
Primo Head Pillow c/w Coolover Cover	1
D Wedge 130 x 120mm c/w Air Permeable Cover	4
Primo Roll Cushion Small Crumb Foam c/w Air Permeable Cover	1
Security Strap 1500mm (Pair)	1
Code	7001-0100-000

Select additional accessories

Item	Coolover oversheet	Elliptical head pillow	Segmented 5 section pillow	Lateral wedge	Small roll cushion, solid foam filling
					
Dimensions	122 x 88 cm	25 x 20 cm	40 x 45 x 6 cm	10 x 13 x 7 cm	31 x 6 cm
Code	7001-3000-CVR	7001-4000-CVR	7001-4100-S10	7001-4201-S10	7001-4203-S10
Includes		Coolover cover	Spacer fabric cover	Spacer fabric cover	Spacer fabric cover
Coolover cover only		7001-4001-CVR	7001-4100-CVR	7001-4201-CVR	7001-4203-CVR

Item	Long roll cushion, solid foam filling	Small horseshoe pillow, crumbed foam filling	Small roll cushion, crumbed foam filling	Knee cosy with solid foam filling	Securing strap
					
Dimensions	80 x 6 cm	37 x 28 cm	34 x 8 cm	30 x 6 x 8 cm	200 cm long
Code	7001-4208-S10	7001-4301-S10	7001-4350-S10	7001-4405-S10	7001-9010-000
Includes	Spacer fabric cover	Spacer fabric cover	Spacer fabric cover	Spacer fabric cover	
Coolover cover only	7001-4208-CVR	7001-4301-CVR	7001-4350-CVR	7001-4405-CVR	



Better Nights, Better Days

What are destructive postures?

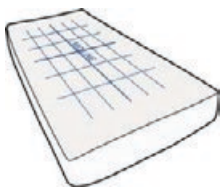
Postures in which the body can be damaged by being left unsupported. Whilst in these postures some of the joints may be stressed.

What are supported postures?

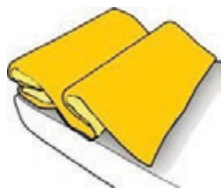
Postures in which the natural shape of the body is protected and all the joints are supported in a neutral, comfortable position.

How Symmetrisleep works

- Symmetrisleep is the pioneer of sleep systems, constructed from a comfort aspect with postural support aids incorporated.
- Symmetrisleep helps children and adults to lie straight on the bed, decreasing their fatigue during the day.
- Very comfortable supports.
- Helps manage thermal comfort.
- Thermo-sensitive foam padding. Chip-foam pillow filling means the pillows can be moulded / reduced / added.
- Large choice of accessories to suit a wide range of needs.
- Highly adaptable - use little or lots!



1. Strap Velcro sheet to mattress



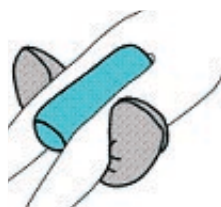
2. Use an overmantle or airmantle if desired



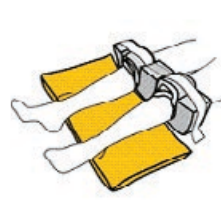
3. Add the stretch Coolover® or Bamboo Cover



4. Add support brackets



5. Add positioning pillows



6. Add knee block options if required



A look at some of the comfortable supports with the Overmantle removed.



This shows a typical Symmetrisleep set-up. Use standard sheets and duvet over the occupant.



Easy to set up - simply add the supports that stabilise and make the user comfortable, and then use the supports to gently counter any asymmetry.



Velcro Receptor Sheet

- Stretchy velcro-like fitted sheet made to suit common mattress sizes. New design means the mattress does not need to be lifted to fit it.
- Unique gridlines allow accurate positioning of supports and brackets
- Receptor is stretchy so that it can even be used on alternating pressure mattresses.

	Cot	Single	Single King	Double
Code	7010-8005-CT0	7010-8005-SN0	7010-8005-KS0	7010-8005-D00
Width	75 cm	100 cm	106 cm	150 cm
Length	100 cm	190 cm	205 cm	205 cm



Airmantle

- Positioned between the Symmetrisleep brackets and the top sheet, Airmantle supports the whole body and can be used to provide gentle de-rotation of the spine and chest.
- It is used instead of the Overmantle, when temperature is an issue.
- Made from thick 3D knitted nylon. This open weave combined with the soft polyester cover keeps contact surfaces away from the body and allows air to circulate freely.
- It conforms easily to body shape and provides excellent comfort and pressure relief.
- Now available with Coolover® top layer for improved temperature stabilisation. Waterproof base layer to trap any spills. Machine washable.



	3/4	Single
Code	7014-8020-T00	7014-8010-S00
Length	160 cm	190 cm
Width	80 cm	100 cm
Depth	2 cm	2 cm

Lowzone Overmantle

- Effective, simple and durable. High conformity of foam helps to reduce point pressures while remaining stable and absorbing shocks.
- Assists with adding comfort to a normal bed surface as an alternative to costly specialised mattresses.
- Lowzone has an "extra severe" durability classification, meaning that it will keep working when other conventional foams have given up.
- Viewed as suitable for medium risk use.
- Protects mattress from spillage.

	Cot	Medium Single	Large Single
Code	7014-7020-001	7014-7040-001	7014-7060-001
Length	123 cm	90 cm	100 cm
Width	63 cm	145 cm	190 cm
Depth	1.5 cm	3 cm	3 cm



Coolover Sheets



- Active temperature regulation for thermal comfort.
- Excess moisture can cause discomfort and distress but with Coolover®, these issues can be alleviated due to its unique structure.
- Coolover® is a 'denier-gradient' fabric which means it has a slightly different structure on the outside to the inside.
- Wider channels near the skin draw moisture away and evaporation occurs on the other side of the fabric. This reduces the risk of respiratory distress, rashes and redness.
- Machine washable to 75 degrees.
- Coolover Flat sheet is now available.

	Code	W	L
Cot	7015-7120-C00	60 cm	130 cm
3/4	7015-7120-T00	80 cm	160 cm
Single	7015-7120-S00	106 cm	190 cm
Single King	7015-7120-SK0	106 cm	210 cm
Double/Queen	7015-7120-D00	150 cm	215 cm
Flat Sheet	7015-7120-SFS	210 cm	320 cm

Bamboo Fitted Sheets



- Highly wicking, super-soft fitted sheets to keep you cool.
- This eco-friendly textile has both anti-bacterial and anti-fungal properties so stays "fresh" for longer. Its smooth, round fibres are knitted in to a silky super soft fabric for a luxury feel.
- Bamboo fibres have a hollow tube like construction so they tend to wick moisture away from the skin aiding evaporation and keeping the skin cool and dry (Bamboo can hold more than 3 times its own weight in water).
- Bamboo sheets and covers can be washed and tumble dried at 40°C for faster turnaround.

	Code	W	L
Cot	7015-7121-C00	60 cm	130 cm
3/4	7015-7121-T00	80 cm	160 cm
Single	7015-7121-S00	106 cm	190 cm
Single King	7015-7121-SK0	106 cm	210 cm
Double	7015-7121-D00	150 cm	215 cm

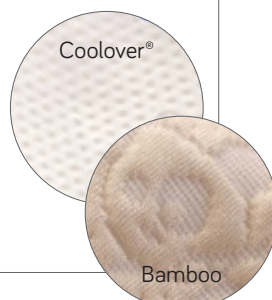
Coolover/Bamboo Covers



- Extend the thermal regulation with cushion covers available in either Coolover or Bamboo for all the Lowzone cushions (see page opposite).
- Coolover covers have excellent air permeability so reduce severity of respiratory distress. Inherent free draining characteristics allow fluids which may otherwise cause redness/rashes to drain away from skin.
- Refer to page 62 for full details on Thermal Comfort.

Bamboo or Coolover? Best for:

	Coolover	Bamboo
Temperature Control	Yes	No
Machine Wash/Dry	75°C	40°C
Use as a head pillow (Respiratory safety)	Yes	No
Wicking	Yes	Yes



	Coolover Cover Code	Bamboo Cover Code
A: Square	7016-7500-CVR	7016-7500-BAM
C: Med Oblong	7016-7580-CVR	7016-7580-BAM
D: Lge Oblong	7016-7610-CVR	7016-7610-BAM
E-S: Sml Horseshoe	7016-7720-CVR	7016-7720-BAM
E-M: Med Horseshoe	7016-7710-CVR	7016-7710-BAM
E-L: Lge Horseshoe*	7016-7700-CVR	7016-7700-BAM
E-X: Horseshoe Extended	7016-7702-CVR	7016-7702-BAM
F: Sml Roll	7016-7800-CVR	7016-7800-BAM
G: Med Roll	7016-7850-CVR	7016-7850-BAM
G+: Med Roll Extended	7016-7860-CVR	7016-7860-BAM
Z Pillow	7016-7810-CVR	7016-7810-BAM

Lowzone Posture Cushions

- A range of shapes and sizes to choose from, filled with visco-elastic, pressure-relieving chipped foam which brings great ability to be moulded by adding/reducing thickness.
- Zip access allows filling to be removed or added to, to suit client requirements. Bamboo or Coolover covers available for all lowzone cushions (see specifics on previous page).
- To add a Coolover cover to any Lowzone cushion, replace the last three digits of the code with -CVR.
- To add a Bamboo cover to any Lowzone cushion, replace the last three digits of the code with -BAM.



	Code	W	L
A: Square	7016-7500-001	30 cm	30 cm
C: Med Oblong	7016-7580-001	30 cm	45 cm
D: Lge Oblong	7016-7610-001	45 cm	75 cm
E-S: Sml Horseshoe	7016-7720-001	25 cm	37 cm
E-M: Med Horseshoe	7016-7710-001	30.5 cm	65 cm
E-L: Lge Horseshoe*	7016-7700-001	35 cm	80 cm
E-X: Horseshoe Extended	7016-7702-001	65 cm	90 cm
F: Sml Roll	7016-7800-001	8 cm	30 cm
G: Med Roll	7016-7850-001	13 cm	40 cm
G+: Med Roll Extended	7016-7860-001	13 cm	60 cm
Z Pillow	7016-7810-001	20 cm	80 cm

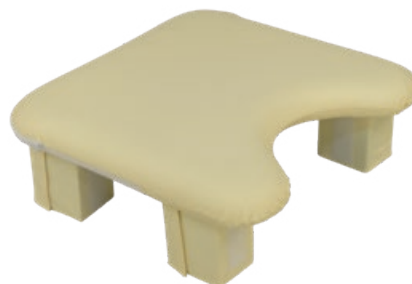


* Lge Horseshoe = previously the standard sized Horseshoe

Side Lying Leg Support

- Stabilises the pelvis in a side-lying position.
- Can also be used in hygiene changes.
- Smallest size suitable for preschool children.

	Small	Medium	Large
Code	7013-7445-000	7013-7450-000	7013-7455-000
Width	36 cm	60 cm	74 cm
Depth	36 cm	60 cm	74 cm



Positioning Brackets

- Brackets fit to the Velcro Receptor Sheet, under the top sheet and under the airmantle.
- Small: normally used either side of the chest and possibly the head in supine lying. A single bracket can fit in front of the stomach in side-lying.
- Medium: normally used at the hips in supine lying.
- Large: used for when the X-Large is too long.
- X-Large: support the back and bottom in side lying. Prevent the knees falling outwards or to one side (wind-sweeping) in supine lying.



	Small	Medium	Large	Extra Large
Code	7011-7200-001	7011-7220-001	7011-7225-001	7011-7230-001
Colour	Red	Yellow	Blue	Green
Width	10 cm	16 cm	15 cm	15 cm
Height	8 cm	13 cm	25 cm	28 cm
Length	13 cm	13 cm	25 cm	25 cm

Coolover Bracket Pads

- For extra softness or to protect the Coolover sheet from Velcro abrasion.
- Use where you just have the Velcro receptor and brackets with no airmantle.
- Coolover (see page 66 for full details) has a 3D “spacer” knit and variable denier weave. Air moves more freely keeping you cooler (as sweat can more easily evaporate) and drier (as moisture moves away from the skin).

	Small	Medium	Large	Extra Large
Code	7012-7165-001	7012-7175-001	7012-7185-001	7012-7195-001
Length	13 cm	13 cm	25 cm	25 cm
Width	10 cm	16 cm	15 cm	15 cm
Height	8 cm	13 cm	25 cm	28 cm



Monoblok Supine Knee Support

- Soft knee block is normally used above the knee and provides good stability in supine.
- Comes in a range of available sizes.
- Add Coolover Legwrap Liners (pictured) for comfort and temperature control.



	Small	Medium	Large
Code	7013-7552-000	7013-7553-000	7013-7554-000
Width	36 cm	40 cm	60 cm
Length	10 cm	20 cm	25 cm

- Showing Coolover Liners



Monoblok Rolling Knee Support

- The rolling knee block is used as the Knee Brace, but for use in conjunction with the Symmslyde system or when turning.
- Add Coolover Legwrap Liners (pictured) for comfort and temperature control.

	Small	Medium	Large
Code	7013-7562-000	7013-7563-000	7013-7564-000
Width	10 cm	21 cm	15 cm
Length	18 cm	20 cm	25 cm



- Showing Coolover Liners



Coolover Legwrap Liners

- Add to either model of Monoblok for comfort and temperature control.

	Small	Medium	Large
5mm thick	7013-7401-CVR	7013-7421-CVR	7013-7421-CVR
10mm thick	7013-7411-CVR	7013-7412-CVR	7013-7413-CVR
Diameter	8cm	8cm	16cm



Monoblok Ramp Wedges

- Use Ramp Wedge under Monoblok to increase knee flexion.
- Can also be used by itself under Overmantle or Airmantle to accommodate hip flexion or knee flexion contractures if movement is required.

	Medium	Large
Code	7013-7573-000	7013-7575-000
Length	40 cm	50 cm
Width	60 cm	70 cm



Symmsslyde

- Symmsslyde® is for those who need carer assistance to turn on their side at night. It provides a supported position in bed with a built-in slide sheet and turning-sling function so you don't have to push or pull to get a sling or slide sheet underneath – it's already there!
- Use the slide-and-turn function to reposition, and then use Symmetrisleep support elements to maintain that position.
- Unlike using pillows and rolled-up towels, everything stays in place so carers spend less time re-positioning.
- Where there is only a single carer, a hoist can be used (mobile or ceiling track) to do the turning.
- See demonstration video online: medifab.co.nz/symmsslyde

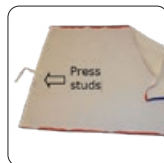
Benefits:

- Slide-Turn-Position with 1 system.
- Combines getting users comfortable; keeps them comfortable and relaxed.
- Slide sheets and Positioning systems should work together... but only Symmsslyde does!
- Position in side-lying, supine, prone or sitting up.
- Reduced need to reposition– even sitting.
- Functional positioning– easier hygiene changes.

Symmsslyde Components



- Slide Tube: Attaches to Velcro sheet



- Coolover top sheet: For use with Overmantle.



- Airmantle: Comfortable, durable and washable. With wipe-clean surface.



- Clip Fixing Straps: For hoists with fixed pin attachment points. Plus Storage Bag: Holds Overmantle, 2 Coolover sheets & Velcro sheets.

	Code	Dimensions
Symmsslyde Kit, includes:	7010-9000-001	
Airmantle	7014-9010-001	120 x 200 cm
Slide Tube for attachment to Velcro Sheet*	7010-9020-000	
Coolover Top Sheet	7015-9060-CVR	120 x 200 cm
Storage Bag	7018-9080-000	120 x 50 x 12 cm
Accessory		
Clip Fixing Straps (Pair)	7010-9010-001	

Weight limit 100kg

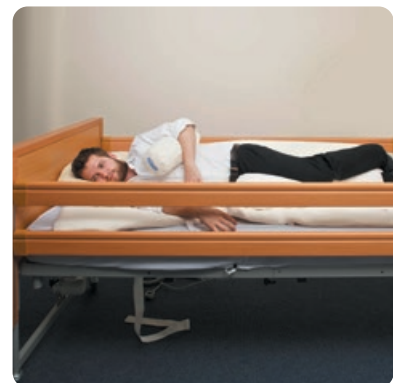
* Velcro Sheet is required. Select your size from Page 19.



- Symmetrisleep elements support and maintain position. Single carer? Use any patient lifting hoist to slide and roll.



- "The main thing I found with this system was because I was able to use the hoist it was like having a spare pair of hands and being a single parent I can't tell you how helpful that was..."
— Poole, Jan14







Dreama

The Dreama sleep system gives Oscar a really good sleeping position overnight, which means he gets a better night's rest and it removes some of our anxiety around ensuring that Oscar maintains the best possible position, but remains comfortable, which means we also get a better night's rest!

Julie, Oscar's mum

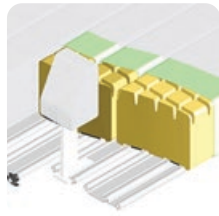


Dreama Positioning

- Combined pressure reducing mattress and postural support system, suitable for children and adults.
- Supporting at risk limbs and reducing tonal spasms, Dreama contributes towards more recuperative periods of rest, which in turn has a positive contribution towards minimising the risk of muscular skeletal deformity.
- Dreama can be used as a preventative system or to reduce the risk of further postural deterioration, and is appropriate for any age.
- Users who may benefit from Dreama include those with the following conditions: Cerebral Palsy, Muscular Dystrophy, Spinal Muscular Atrophy, Arthrogryposis, Rheumatoid Arthritis and associated conditions, Post-trauma, Post-surgery, Spina Bifida and Scoliosis.
- Designed to be very easy to keep clean and keep hygienic.
- Glide-lock technology means configurations can be changed with minimum disruption to the user. This key feature helps to accommodate and correctly position posture overnight, whilst maintaining a high level of comfort.



- Contour the flexible aluminium base for a custom lying surface. Suits profiling beds, rolls, wedges.



- Quiet with no noise or disturbance when adjusting positions due to Glide-lock supports.

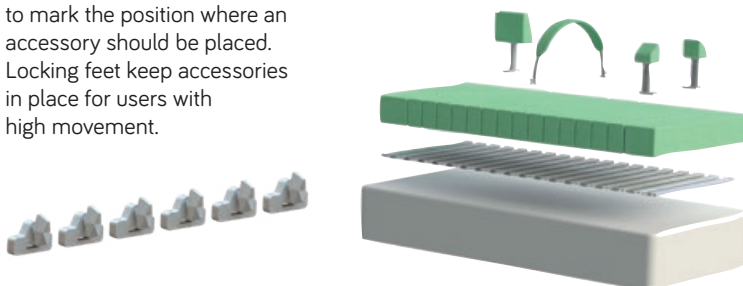


- Quick, simple assembly, and exceptional flexibility with numerous accessories.



Dreama Base & Mattress

- Includes flexible aluminium base, full set of mattress cells, full set of neutral covers, and pair of anchor straps.
- Pressure-reducing 15 cm deep modular mattress removes the need for overlays.
- Individual covers mean any that are soiled can be removed and replaced without the need to remove the user from the bed, minimising sleep disruption and the need for assisted transfers.
- Spaces between mattress cushions allow airflow, helping to maintain a comfortable temperature. Covers are upholstered in fire-retardant, water resistant, 2-way stretch, antibacterial fabric for infection control.
- Add locking feet (#7120-6100-000) to mark the position where an accessory should be placed. Locking feet keep accessories in place for users with high movement.

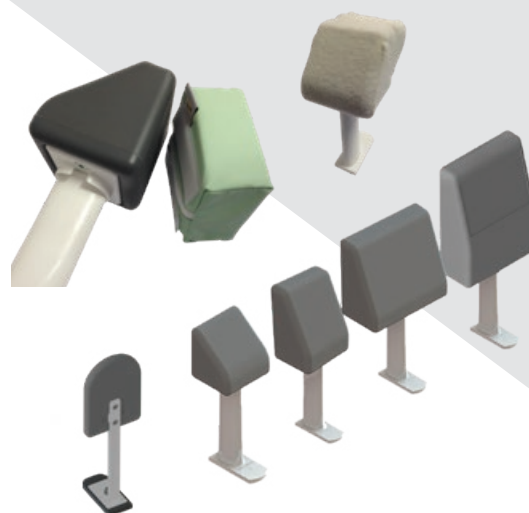


	Cot	Single bed
Code	7120-0010-000	7120-0020-000
Age range	9mths - 4yrs	9mths - adult
Overall size	56 x 120cm	90 x 190cm
Overall height	17cm	17cm
Single mattress cushion	56 x 9.5 x 15 cm	120 x 9.5 x 15 cm
Double mattress cushion	56 x 19.5 x 15 cm	120 x 19.5 x 15 cm
Number of mattress units	8 single, 2 double	15 single, 2 double
Max user weight	80kg	110kg

Dreama Positioning Pads

- Made from comfortable and hygienic PU. Positioning Pad Combos include angle-adjustable positioning pad, memory foam pad, and towelling cover.
- Use to position the trunk, arms or legs.
- Slimline Support option is an alternative slimmer support than the standard positioning pads.
- Removable memory foam pad (shown in green) for extra comfort and pressure relief. Ideal for support of areas with bony prominences.
- Additional covers available for all positioning pads in white towelling.

	Pad Combo	Spare Cover	L	W	H
Slimline	7120-3250-500	7120-3280-000	-	108 mm	159 mm
Small	7120-3251-500	7120-3281-000	102 mm	83 mm	95 mm
Medium	7120-3252-500	7120-3282-000	102 mm	83 mm	140 mm
Large	7120-3253-500	7120-3283-000	203 mm	89 mm	165 mm
X large	7120-3254-500	7120-3284-000	203 mm	89 mm	267mm



Dreama Abduction Block

- Can be used individually or in pairs to ensure the hips are abducted and the body is straight.
- Ideal for users with increased abductor tone to help with hip preservation.

	Size 1	Size 2
Code	7120-1601-000	7120-1602-000
Cover	7120-1661-000	7120-1662-000
Width	130 mm	240 mm
Depth	200 mm	300 mm
Height	260 mm	310 mm



Dreama Knee Blocks

- Comfortably holds the knees in a specified position.

	Small	Large
Code	7120-1751-000	7120-1753-000
Cover	7120-1781-000	7120-1783-000
Width	77 mm	108 mm
Depth	102 mm	102 mm
Height	51 mm	102 mm



Dreama Side Lying System

- Complete system includes combinations of positioning pads, straps and Side Lying (abduction) foam pad. The straps attach to standard Dreama positioning pads.
- Side Lying Support Strap can be used to secure the upper leg when side lying. Includes fittings to fit to two standard positioning pads.
- Side Lying foam pad is available in different thicknesses to encourage a neutral leg separation when side lying.

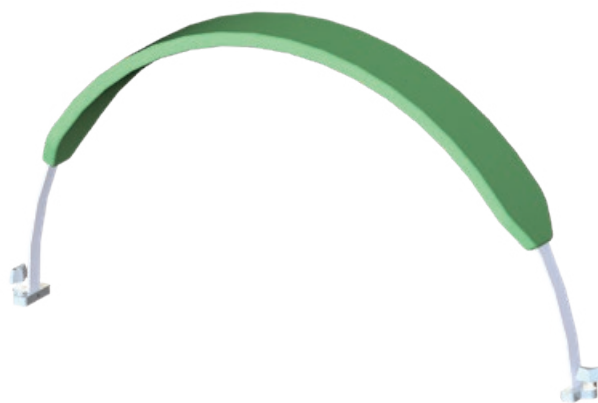
	Size 1	Size 2	Size 3
Lying Pad	7120-1851-000	7120-1852-000	7120-1853-000
Pad Cover	7120-1861-000	7120-1862-000	7120-1863-000
Pad Width	345 mm	445 mm	540 mm
Pad Depth	120 mm	140 mm	159 mm
Pad Height	35 mm	51 mm	76 mm
Strap Code	7120-1872-000		
Strap Cover	7120-1882-000		
Strap Dims	140 mm wide x 388 mm long x 57 mm high		



Dreama Positioning Hoop

- Functional item which keeps bed clothes away from the body.
- Allows movement within a limited range for a comfortable night's sleep.

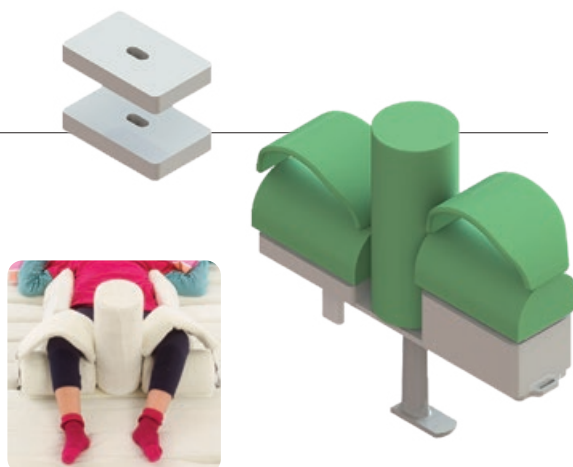
	Small	Medium	Large
Code	7120-1951-000	7120-1952-000	7120-1953-000
Cover	7120-1961-000	7120-1962-000	7120-1963-000
Width	70 mm	70 mm	70 mm
Length	432 mm	560 mm	700 mm
Height	15 mm	15 mm	15 mm



Dreama T-Roll

- Versatile, height adjustable accessory. Supports the knees, reduces abdominal pressure and prevents scissoring and wind-sweeping.
- Sides are height adjustable and the central pommel can be removed.

	One Size
Code	7120-1771-000
Cover	7120-1761-000
Width	527 mm
Length	108 mm
Height	121 mm







CareWave

Sadie has a rare syndrome that involves extremely lax joints which has led to reduced strength and function in her limbs and was starting to have issues with comfort at night.

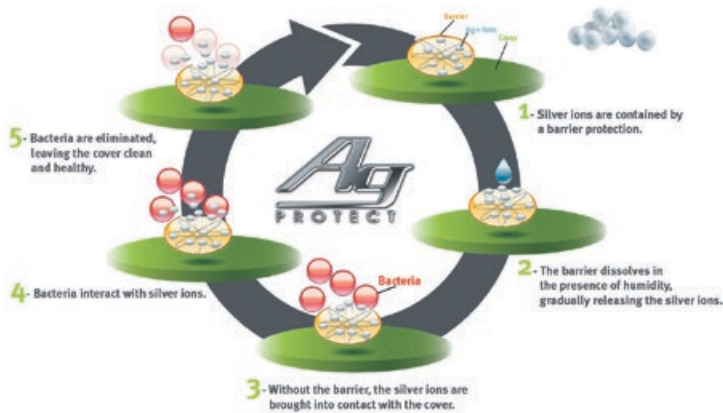
The Care-Kit from Medifab provides adequate pressure relief and some flexibility with positioning. Sadie's quality and quantity of sleep has improved and the need for a parent to get up to her in the night is greatly reduced.

Sadie's Physiotherapist
Child Development Service



CareWave Details

- Body positioning system which offers lying and seating support to infants and adults.
- Various cushion shapes are available depending on the user's need for positioning.
- Unique micro-particle padding provides flexibility and a moulding effect, essential to support asymmetric postures, fill body gaps and for comfort around the user's body and limbs. Available in two sizes.
- Outer cover of CareWave cushions: Waterproof and breathable Polyamid bi-elastic fabric (47%) coated with polyurethane (53%) Coating with antibacterial treatment.
- Filling: 100% Polystyrene micro-particles.
- Fire standard: Passes the requirements of EN 597 - 1&2 and EN ISO 12952 - 1 to 4.



COLOUR IDENTIFICATION

GREEN CAREWAVE = Small sizing
 BLUE CAREWAVE = Large sizing



Cushion Covers

- Cushion covers can be added to most sleep system items. Medifab suggest that at least one cover is purchased with each cushion.
- Benefits include:
- Quick and easy to launder.
 - Breathability, allows skin to release moisture without undue discomfort or pressure marking
 - Warm to touch, adds comfort.
 - Absorbent - wicks away perspiration, saliva etc.



Available in Cotton, Coolover® and Outlast® fabric, see 'Thermal comfort' details found on page 62.



Cleaning Instructions

- Cushion Maintenance:
Wipe with usual detergent.



CareWave Kit



POSTURAL CARE MADE EASY

- For supine, prone or side lying.
- Cylindrical bolsters and abduction wedge are Velcro® attached for additional postural control.
- Easily transported.
- Easy to set up.

CAREKIT INCLUDES

- Micro-particle positioning mattress.
- 2 Cylindrical bolster cushions.
- 1 Small half-moon cushion.
- 1 Abduction cushion.
- 1 Small Universal cushion.
- Transport bag.

Further positioning details - pg 71

	Code	Mattress Length
Small	7007-0001-066	120 cm
Large	7007-0002-066	160 cm



CareWave Delta

- Create lateral stability either alone, with one on each side, or an extra pillow to create a neutral position in the knee & hip joints.
- Supports and prevents the patient from falling forward from a decubitus position.
- Can be used in a semi fowler position, by placing under the legs.

	Small	Large	XX Large
Code	7007-0552-045	7007-0551-066	7007-0554-066
Width	40 cm	55 cm	180 cm
Depth	20 cm	30 cm	30 cm
Height	20 cm	30 cm	30cm
Cover Code	7007-0552-270	7007-0551-270	7007-0554-270



CareWave Universal

- Use to avoid rubbing between knees, calves or heels.
- Placed under the feet, it helps to reduce pressure on heels.
- Can also be used simply as a pillow.

	Small	Large
Code	7007-1252-045	7007-1251-066
Length	45 cm	60 cm
Width	30 cm	40 cm
Cover Code	7007-1252-046	7007-1251-067



CareWave Cylindrical

- Can be used between legs, under heels and ankles in order to reduce pressure.
- Prevents the user from falling forward from a decubitus position.
- Provides sufficient support to achieve a corrected position for many users.
- Use for corrected side lying positioning for sufficient angles to keep the airway open and to ensure a neutral position in the involved joints.

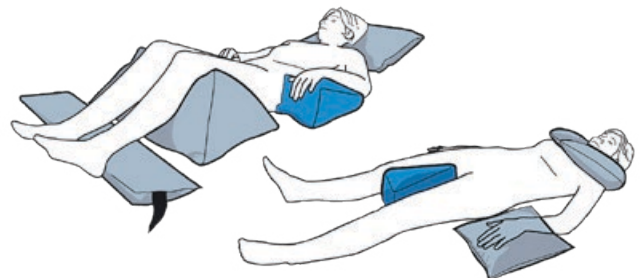
	Small	Large
Code	7007-1502-045	7007-1501-066
Length	45 cm	70 cm
Diameter	14 cm	17 cm
Cover Code	7007-1502-270	7007-1501-270



CareWave Abduction

- Use when the patient is lying down, placed in crotch area.
- Can also be placed under the arm.

	Small	Large
Code	7007-1552-045	7007-1551-066
Width	12 cm	15 cm
Depth	23 cm	30 cm
Height	15 cm	20 cm
Cover Code	7007-1552-270	7007-1551-270



CareWave Semi-Fowler

- Gives support and holds the user comfortably in a semi-fowler position.
- Place the cushion under the legs, the abduction module forward between the knees.

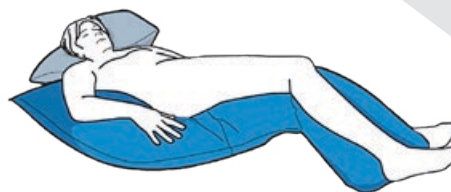
	Small	Large
Code	7007-1852-045	7007-1851-066
Width	50 cm	70 cm
Depth	35 cm	50 cm
Height	12 cm	14 cm
Cover Code	7007-1852-270	7007-1851-270



CareWave Decubitus

- Supports shoulders, back, hips and knees of the user in a decubitus position. Reduces rubbing.
- Provides excellent trunk stability while the hip and knee angle can be varied.
- Lower part of the “S” can be drawn up between the knees so that the right median and good body symmetry can be achieved.
- Can also be shaped into a U-shaped cushion by adjusting the fill and rotating one end to thus provide a neutral position for the knee and hip joints, while the pad is pushed under the seat to fix the pelvis.
- The ends also provide support for the elbows.

	Small	Large	XX Large
Code	7007-3002-045	7007-3001-066	7007-3004-066
Width	25 cm	30 cm	36 cm
Length	140 cm	180 cm	200 cm
Cover Code	7007-3002-270	7007-3001-270	



CareWave Decubitus Slim

- Designed for positioning of lower limbs to prevent them from crossing. Also prevents lateral sliding.

	Small	Large
Code	7007-3012-045	7007-3011-066
Width	9 cm	12 cm
Length	224 cm	300 cm
Cover Code	7007-3012-270	7007-3011-270



CareWave Back Cushion

- Maintains the back in a semi-sitting position when user is sitting in bed or in a lateral decubitus position. Helps reduce pressure on ischium and heels.
- Can also be used in a sitting position in a chair.

	Small	Large
Code	7007-2452-045	7007-2451-066
Length	200 cm	200 cm
Width	40 cm	60 cm
Cover Code	7007-2452-270	7007-2451-270



CareWave Body Bolster

- New addition to the CareWave range, which allows full support of the body from head to feet.
- An integrated pillow facilitates installation and user comfort and successfully maintains user position.
- When used in lateral position, the Body Bolster protects against pressures and avoids friction and pressure points on arms, knees and calves.

	Small	Large
Code	7007-3502-045	7007-3501-066
Length	135 cm	210 cm
Width	20 cm	35 cm
Cover Code	7007-3502-270	7007-3501-270



CareWave Half-Moon

- It gives support and holds the patient comfortably in a lying or sitting position, and can be used to stabilize the upper body. The filling can be moved within the cushion so you can arrange it to adjust the head and arm height.
- If one wishes to counteract unwanted lateral movement of the body, the ends of the Half-Moon can be pushed under the hip area. Body weight will stabilize the pelvis and prevent unwanted movement. The idea is to eliminate movement that will take the body out of the desired symmetrical position.

	Small	Large
Code	7007-4052-045	7007-4051-066
Length	140 cm	180 cm
Width	25 cm	30 cm
Cover Code	7007-4052-270	7007-4051-270



CareWave Ring Cushion

- Comfortably supports the user's head. If support is required especially on one side, the special filling can be shaken to one side of the cushion and positioned slightly skewed to one side if needed.
- Can be positioned with the opening towards the patient's visual direction which allows for a stable position for the head and neck, backwards and sideways.
- If the patient has the ability to make a lot of head movement the pillow can move out of place so the patient must be able to move the pillow or get help with this.

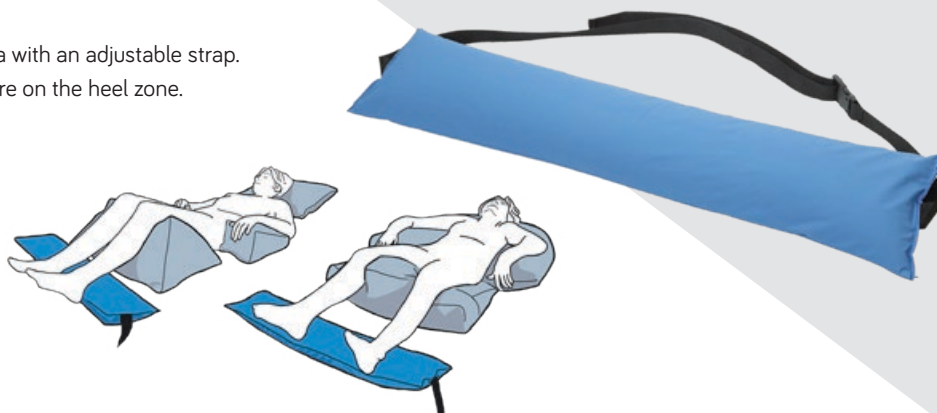


	Small	Large
Code	7007-4082-045	7007-4081-066
Width	35 cm	40 cm
Cover Code	7007-4082-270	7007-4081-270

CareWave Heel Cushion

- Fixes to the mattress at the heel area with an adjustable strap.
- Supports ankles and relieves pressure on the heel zone.

	One Size
Code	7007-5201-066
Length	90 cm
Width	18 cm



CareWave Heel Bootie

- Designed to protect and prevent the feet/heels from injury and bedsores and to provide comfort whatever the patient's position.

	Small	Large
Code	7007-5302-045	7007-5301-066
Length of foot surface	25 cm	30 cm



Bow Cushion

- Can be used between the knees as an abduction cushion.
- Use under heels to reduce pressure.

	Small	Large
Code	7007-1602-045	7007-1601-066
Length	28 cm	34 cm
Width	19 cm	24 cm
Height	6 cm	10 cm
Cover Code	7007-1602-270	7007-1601-270



Fitleg Non-Slip

- Positioning device for proper orthopaedic alignment of lower limbs and full or partial relief on the heels.
- Prevents knee hyper-extension.
- Full relief on heels with the Non-Slip Module.
- High resiliency foam for stable positioning & optimized product life.
- Two distinct modules allow for customised patient positioning.

	Fitleg Non-Slip	Fitleg Module
Code	7007-1821-066	
Length	55 cm	50 cm
Width	58 cm	21 cm
Height	12 cm	10.5 cm



Fitleg

- Positioning device for proper orthopaedic alignment of lower limbs which prevents front sliding, friction and shear. Anatomic shape provides maximum comfort and stable positioning.
- Prevention of knee hyper-extension due to the anatomic shape.
- Viscoelastic foam combined with HR foam base to provide maximum comfort.
- Reduces pressure on heels area with support on calves and thigh.



	Fitleg Small	Fitleg Large
Code	7007-1802-066	7007-1801-066
Length	58 cm	58 cm
Width	40 cm	55 cm
Height	12 cm	12 cm

Fitleg Evo

- Fitleg Evo has abduction module to limit friction around knee articulations and prevent leg-crossing in case of spasticity.
- Positioning device for proper orthopaedic alignment of lower limbs which prevents front sliding, friction and shear. Anatomic shape provides maximum comfort and stable positioning.
- Prevention of knee hyper-extension due to the anatomic shape.
- Viscoelastic foam combined with HR foam base to provide maximum comfort.
- Reduces pressure on heels area with support on calves and thigh.



	Fitleg Evo
Code	7007-1811-066
Length	58 cm
Width	55 cm
Height	12 cm

Ear Protection Cushion

- Comfortably supports the patient's head and relieves contact on the ear area in order to prevent bedsores.
- Comes standard with two cotton covers.

	One Size
Code	7007-4751-066
Length	30 cm
Width	30 cm



Leg Elevation Wedge

- For elevation of one leg only
- Particularly suitable for supporting the leg, especially post-surgery, as it provides a soft surface that adapts to the leg and supports its entire length.

	XX Large
Code	7007-1554-066
Width	90 cm
Depth	95 cm
Height	30 cm



Hemi-Care Cushion

- Supports and holds the upper limbs in a stable position. Both parts of the Hemi Arm are fixed together with Velcro strips.
- Maintains the arm in a position which cannot slide and reduces pressure on elbow area so that there is no sensation of tear strength in the shoulder. For users with kyphosis, the Hemi-Care cushion helps maintain the back straight.

	Small	Large
Code	7007-5522-045	7007-5521-066
Length	45 cm	48 cm long
Width	30 cm	35 cm





Kid'In'Form

Introductory lying & positioning system for early intervention.



Kid'In'Form Starter Kit

- Includes 2 medium cylindrical rolls, large cylindrical roll, medium belt strap, 2 extra-small cylindrical rolls, backrest and comfort mat.
- Suitable for lesser supportive positioning requirements.

Starter Kit	
Code	7008-0002-279



Kid'In'Form Ultimate Kit

- Includes 2 small cylindrical rolls, 2 medium cylindrical rolls, large cylindrical roll, 2 extra-small cylindrical rolls, pierced cushion, medium belt strap, large belt strap, backrest and comfort mat.
- Wide variety of positioning accessories allows flexibility of positioning options.
- If using in multi-user environments, will suit more users with increased sizes and options.

Ultimate Kit	
Code	7008-0003-279



Kid'In'Form Positioning System

- Introductory lying and positioning system for early intervention. Portable and adaptable, with simple supports to facilitate active sitting, supine and prone positioning.
- Use the complete kit or components of the system to achieve the desired supported position.
- A versatile option for occupational therapists and physiotherapists who need to position the child securely in order to practice exercises or for stimulation/ therapy.
- Can also be used by parents and caregivers at home to offer positioning options to the child alternative to rigid positioning systems. Parents can position their child in a wide range of positions, to stimulate them and encourage perception of their surroundings.
- Recommended in the child's discovery and exploration phases and for directed practical work due to the following benefits:
 - Fabric covers feel pleasant to children and meet requirements of sensory tactile stimulation.
 - Different designs allow set-up of psychomotor exercises, to securely place the user and to offer a safe and relaxed environment.
 - Flexibility of the system encourages creativity and enables positions to be set for the child (to encourage protraction of the shoulders, to get down on hands and knees, to sit up, and more).



	Dimensions	Component
Extra-small cylindrical rolls	Ø 8 x 10 cm	
Small Cylindrical Roll	Ø 8 x 20 cm	
Medium Cylindrical Roll	Ø 8 x 70 cm	
Large Cylindrical Roll	Ø 11 x 50 cm	
Medium Belt Strap	60 x 14 cm	
Large Belt Strap	80 x 14 cm	
Backrest	76 x 24 x 17 cm	
Pierced Cushion	25 x 25 x 5 cm	
Comfort Mat	140 x 76 cm	

Kid'In'Form Comfort Mat

- Covers 1m² area and allows combination of several positions of the supports.
- Top surface is jersey brushed soft fleece which is hook sensitive for attachment of the cushions.
- High density polyurethane foam ensures a sustainable cushioning and firm support.
- The underside is coated polyester which is waterproof and anti-slip.
- Machine washable at 40°. Do not bleach, tumble dry, iron or dry clean.
- Portable – can be carried using the handle.

	One Size
Length	140 cm
Width	76 cm



Kid'In'Form Cylindrical Rolls

- Soft, waterproof, removable covers which can be machine washed.
- Rolls can be fixed to the mat or backrest using the self-fastening strips.
- Filling: machine wash at 40°. Do not bleach, tumble dry, iron or dry clean.
- Cover: machine wash at 95°, can be tumble dried. Do not bleach, iron or dry clean.

Extra-Small Cylindrical

- Little cushion used for positioning, especially for support of the head. Can be very useful for complementing positioning.

Small Cylindrical

- Used for support and pressure relief on bearing zones.

Medium Cylindrical

- Long cushion is used for wrapping, for support and pressure relief on bearing zones.

Large Cylindrical

- Long cushion with large diameter is used for support and pressure relief on bearing zones for larger users.



	Extra-Small	Small
Specifications	Ø 8 x 10 cm	Ø 8 x 20 cm
Colour	Purple	Blue

	Medium	Large
Specifications	Ø 8 x 70 cm	Ø 11 x 50 cm
Colour	Yellow-Green	Purple

Kid'In'Form Pierced Cushion

- Cushion filled with memory foam fibres with central pressure relief.
- Centre hole assists with movement
- Soft, waterproof and removable cover which can be machine washed.
- Filling: machine wash at 40°. Do not bleach, tumble dry, iron or dry clean.
- Cover: machine wash at 95°, can be tumble dried. Do not bleach, iron or dry clean.

	One Size
Length	25 cm
Width	25 cm
Depth	5 cm
Hole	Ø 12 cm



Kid'In'Form Belt Strap

- Medium belt strap helps to maintain smaller children on the mat or backrest.
- Large belt strap is used for older children.
- Belt strap can be used together with the cushions.
- Machine wash at 40°. Do not bleach, tumble dry, iron or dry clean.

	Medium	Large
Length	60 cm	80 cm
Width	14 cm	14 cm



Kid'In'Form Backrest Cushion

- Positionable backrest is made of a structure in flexible foam that can be fixed to the mat with patches.
- Adjustable depending on the size of the user and positioning required.
- Can be used as a prone wedge so that the inclination assists stomach lying to enable the hands to be free for other activities.
- Cover allows fixture of other cushions to it and can be removed.
- Foam: Clean with sponge & soapy water. Replace cover only when foam is completely dry.
- Cover: Machine wash at 40°. Do not bleach, tumble dry, iron or dry clean.



	One-Size
Length	76 cm
Height	17 cm
Width	24 cm



Kid'In'Form Notes

KID'IN'FORM

- This system is a medical device which must be used under permanent adult supervision.
- These belts, cushions and backrests are insufficient to keep the child in a secure position. This device must be used on the ground.
- It must not be used in case of any visible damage, delamination of fabric and foam and deterioration of seams. This system is designed to be used by children whose size is between 40 cm and 1m.
- Do not carry the child with the mat or the cushions





Poz'In'Form®

Proper positioning is crucial in the prevention of pressure ulcers. Due to the material it is made up of, the Poz'In'Form® cushions offer all the required features in bedsore prevention.

The combination of a micropore fabric and a bi-elastic and breathable Pharmatex or Lenzing FR® cover offers maximum breathability of the cushion.

The filling made of thin microfiber perfectly fits the body shape ensuring optimal pressure distribution and contributes to a significant reduction in friction and shearing forces.



Effective Positioning

- Poz'In'Form® cushions are designed to perform various support and comfort functions for long-term bedridden people. The microfibers prevent from creep effects that are regularly observed in classical positioning and from early deterioration of the support. The various forms, sizes and models of Poz'In'Form® allow for a wide range of positioning possibilities.



Positioning Comfort

- The highly effective positioning cushions reinforce proper positioning of the long-term bedridden client by improving abnormal posture, providing even weight distribution and by preventing pressure sores, while implementing security of use and limiting microbial infections.



Pharmatex or Lenzing FR® Cover

- Pharmatex Cover (Wipe-down)

- Lenzing FR® Cover (Breathable)
unavailable for trial

- Poz'In'Form® elements and modules are entirely removable and washable. They are delivered with a Pharmatex cover. Lenzing FR® covers are available to add to each cushion and provide an option for ease of laundering and to provide an absorbent covering over the Pharmatex PU covers.
- The Pharmatex bi-elastic cover is made of polyurethane and is recommended for use in hospitals. Pharmatex is soft to the touch and very comfortable next to the skin, while still easy to clean.
- The Lenzing FR® cover is made of viscose, coated with a waterproof polyurethane film. Lenzing FR® is a major innovation in positioning of the long-term bedridden, preventing maceration. Hygroscopic properties of viscose allow moisture absorption. Moreover elasticity and flexibility of Lenzing FR® are particularly suitable for problems regularly observed in classical positioning.

Poz'In'Form Kit

- Transport bag
- Universal Cushion 55cm x 40cm
- Half moon cushion
- Semi-lateral decubitus cushion
- Cylindrical cushion
- Ring cushion
- Heel cushion with strap
- Occiput head cushion
- Pharmatex covers or Lenzing covers

Effective Positioning

Poz'In'Form® cushions are designed to perform various support and comfort functions for long-term bedridden people. The microfibers prevent from creep effects that are regularly observed in classical positioning and from early deterioration of the support. The various forms, sizes and models of Poz'In'Form® allow for a wide range of positioning possibilities.

	With Pharmatex Cover	With Lenzing FR® Cover
Code	7009-0001-269	7009-0001-279



Poz'In'Form Delta

- This cushion adapts to all morphologies. Placed under knees, it supports the knees' joint, prevents the patient from sliding downwards and reduces friction and shearing effects on the sacrum's area.
- It can be used in a semi-fowler position and helps to maintain a perfect position while relieving pressure in sensitive areas (sacrum, ischial tuberosities, heels) and shifting it to low-risk zones (calves, thighs and back).

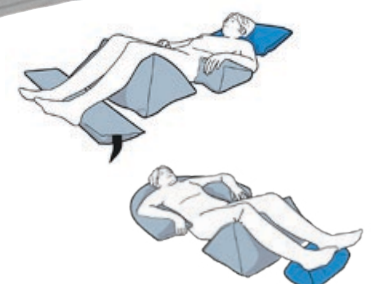
	With Pharmatex Cover
Code	7009-0551-269
Length	56 cm
Height	28 cm
Depth	32 cm
Lenzing FR® Cover	7009-0551-279-C



Poz'In'Form Universal

- Thanks to the three sizes, the universal cushion can be used in many different ways. In lying down the 55 x 40 cm size can be used for the knee flexion and a moderate hip abduction.
- The smaller cushions help to hold the patient in optimal positioning thus reducing bedsore risks and abnormal postures.

	With Pharmatex Cover		
	Small	Medium	Long
Code	7009-1251-269	7009-1252-269	7009-1253-269
Length	35 cm	55 cm	40 cm
Depth	25 cm	40 cm	15 cm
Lenzing FR® Cover	7009-1251-279-C	7009-1252-279-C	7009-1253-279-C



Poz'In'Form Cylindrical

- Placed between legs, it reduces friction and shearing effects on thighs and knees' area.
- It can also be used under ankles to relieve pressure.

	With Pharmatex Cover
Code	7009-1501-269
Length	75 cm
Diameter	18 cm
Lenzing FR® Cover	7009-1501-279-C



Poz'In'Form Abduction

- It is used in crotch area when the patient is lying down to hold hips abducted and legs apart to reduce friction and shearing effects between legs, on the inner sides of knees and calves.

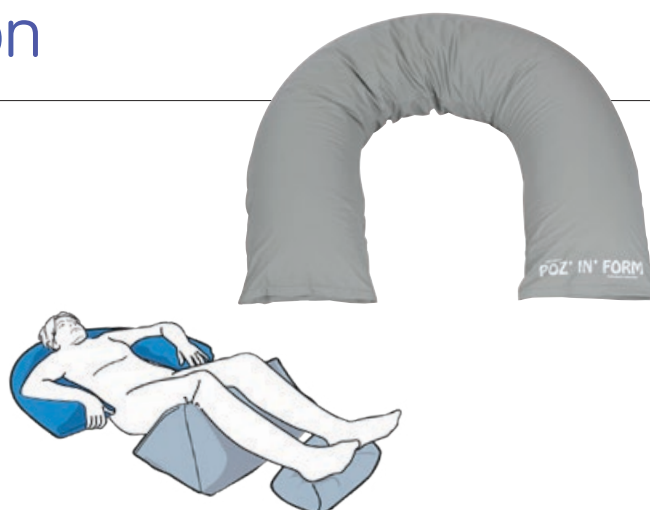
	With Pharmatex Cover
Code	7009-1551-269
Length	35 cm
Height	15 cm
Small Width	10 cm
Large Width	30 cm
Lenzing FR® Cover	7009-1551-279-C



Poz'In'Form Half-Moon

- In supine or semi-fowler position it supports and holds the back in proper position. It can also be used in (wheel) chairs for a comfortable and upright sitting position.

	With Pharmatex Cover
Code	7009-1851-269
Length	200 cm
Width	30 cm
Lenzing FR® Cover	7009-1851-279-C



Poz'In'Form Semi-Lateral Decubitus

- As multi-purpose cushion, it comfortably supports shoulders, back, hips and knees when the patient is lying in lateral position. Moreover, it reduces friction and shearing effects.

	With Pharmatex Cover
Code	7009-3001-269
Length	185 cm
Width	35 cm
Lenzing FR® Cover	7009-3001-279-C



Poz'In'Form Ring & Half Ring

- In combination with the cylindrical cushion, the half ring cushion reduces friction and shearing effects between legs, on the inner sides of knees and thighs and holds hips abducted. It can also be used under the neck.
- This cushion can be used in addition to universal, triangle or cylindrical cushions to support the posture correction. Put around the neck, this cushion comfortably supports the patient's head.

	Half Ring	Ring
Code	7009-4051-269	7009-4081-269
Length	105 cm	135 cm
Width	22 cm	20 cm
Lenzing FR® Cover	7009-4051-279-C	7009-4081-279-C



Poz'In'Form Occiput

- The hollow ensures an optimal positioning and a pressure relief on the occipital area. The combination of memory foam and microfiber allows a regular relief on the contact zones.

	With Pharmatex Cover
Code	7009-4751-269
Length	50 cm
Height	9 cm
Width	40 cm
Lenzing FR® Cover	7009-4751-279-C



Poz'In'Form Heel Cushion

- It is placed at the bottom of the bed and fixed with an adjustable strap.
- The pressure on the heels is completely discharged.
- The heel cushion holds the ankles in proper position.

	With Pharmatex Cover
Code	7009-5201-269
Length	85 cm
Diameter	25 cm
Lenzing FR® Cover	7009-5201-279-C



Poz'In'Form Heel Wedge

- This cushion contributes to shift the pressure points from the high-risk heel area to low-risk zones (calves and knees).
- The heel is completely off the mattress and the weight of the lower leg is distributed evenly across the cushion. It holds the ankles in proper position and leads to a better blood circulation.
- Its size allows a pressure relief on the Achilles' heel.

	With Pharmatex Cover
Code	7009-5401-269
Length	48 cm
Height	12 cm
Width	30 cm
Lenzing FR® Cover	7009-5401-279-C



Poz'In'Form Hand Wedge

- This positioning cushion for the hand reduces the pressure on the skin on the zones with risk of pressure sore. It is advisable after surgical operations.
- It reduces the number of pressure sensitive bearing points and allows a discharge of the elbows area. Its size allows a pressure relief on the wrist.

	With Pharmatex Cover
Code	7009-5411-269
Length	39 cm
Height	9 cm
Width	22 cm
Lenzing FR® Cover	7009-5411-279-C







Sleepshape

A 24-hour postural management programme is essential to ensuring a user's posture is maintained at its optimum level.

Because everyone is different and has different needs for positioning, Medifab's "Sleepshape" range includes from basic pillows to highly customised sleeping systems.

We offer a large array of components that can even be customised for any user needs and body shapes.



T-Rolls

- Gives client a knee break and abductor to prevent legs crossing over.
- Made with firm foam with soft convolutions on the outside for comfort and pressure care.
- Comes standard with a 4 way stretch waterproof cover.
- Add leg straps to keep the patient's legs in position while they sleep.
- Enquire as to chipped foam filled T-Roll options available.

	Extra Small	Small	Medium	Large
Code	7030-1851-000	7030-1852-000	7030-1853-000	7030-1854-000
Width	50 cm	51 cm	61 cm	71 cm
Height	23 cm	31 cm	36 cm	
Diameter	10 cm	15 cm	18 cm	20 cm
Straps	7030-1861-100	7030-1862-100	7030-1863-100	7030-1864-100



Showing Leg Straps to keep legs in position.



Knee Comfort Sleep Wedge

- For positioning in supine lying.
- Shallow knee wedge with optional knee cuffs. Made from firm foam with convolutions to help with pressure care.
- If the person's legs need to be held in position, Knee Comfort Cuffs can be attached by Velcro. Cuffs can be fixed at any position on top of the wedge to keep legs in optimal position.
- Comes with a waterproof cover.

	Wedge Small	Wedge Large
Code	7030-1752-000	7030-1754-000
Width	50 cm	50 cm
Height	5.5 cm	7.5 cm

	Cuffs Small	Cuffs Medium	Cuffs Large
Code	7030-1772-100	7030-1773-100	7030-1774-100
Dimension	15-30 cm	25-40 cm	35-50 cm



Hip & Thigh Alignment

- Incorporates abductor pommel and adductor troughing and trochanter support.
- Inner pillow upholstered in soft polyurethane with chipped foam filling. Cotton outer cover.
- For infants who suffer from contractures, tight adductors or have a habit of 'frogging' in bed when on their back.

	One Size
Code	7060-1851-270
Width	37 cm
Length	28 cm
Height	Adjustable, depending on filling



Medifab 'W' Leg Cushion

- Available in two different height options to suit various leg support required, now standard with leg straps.
- Multiple cushions can be used to support the legs in position.
- Offers non-slip abduction of the legs in both supine and semi-side lying.
- Chipped foam filling, with zip access which allows filling to be removed or added to suit client requirements.

	Small	Large
Code	7060-1811-000	7060-1813-000
Width	65 cm	85 cm
Depth	15 cm	18 cm
Height	30 cm	40 cm
Cover Code	7060-1811-270	7060-1813-270



Heel Support

- Has channel to prevent pressure on the heels.
- Sheets and bed clothes rest on the top of the foot-drop rest, which stops extra pressure on the feet to help prevent foot-drop and rotation of the feet.
- Right angle support is adjustable in angle.
- Prevents hyperextension of the knee.

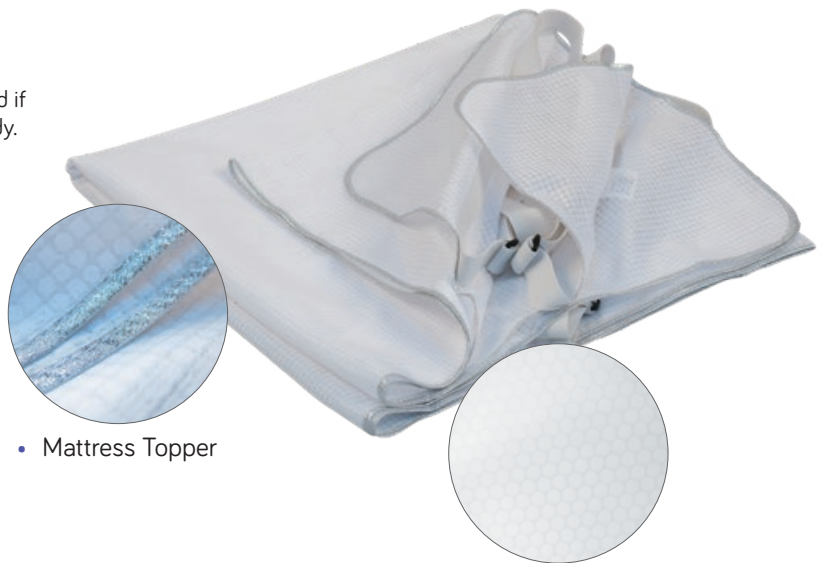
	One Size
Code	7030-5360-000
Width	75 cm
Height	28 cm
Length	62 cm



Cooling Sheet

- Unique temperature reducing properties.
- Material helps to keep 'cool people warm' and 'warm people cool'. Allows heat from the body to escape, and if the body is getting cold, it traps the warmth of the body.
- Mattress Topper (pictured) comes with straps to fit to mattress
- Flat Sheet comes without straps, for use as top sheet

	Mattress Topper	Flat Sheet
Code	7030-7881-SOO	7030-7890-LST
Width	91 cm	205 cm
Length	190 cm	260 cm



• Mattress Topper

• Flat Sheet

Safe-T-Sleep™ Sleep Wrap®

- Postural care aid for children who have difficulty maintaining a safe, symmetrical posture when lying down.
- Specially built with Medifab enhancements.

Benefits

- Assists with children who move about in bed by reducing the risk of falling out or becoming smothered under blankets.
- Gives the child a feeling of security, whilst allowing flexible, natural and comfortable movements.
- Comes as standard with extension piece which can be fitted to wider beds.



	One Size
Code	7005-0000-270
Specification	Cot/Crib to King Double Bed



- Addition of double webbing and buckle closure on the body wrap. Great for children with abnormal tone - typically high tone.



- Velcro® interfacing on top face of sleep system allows for attachment of Velcro® positioning aids.



- Addition of Symmetrisleep bracket options along with Velcro® attached padding. These can be configured both for side and supine lying positions.

Custom Covers & Items

Discuss your requirements with a Medifab product consultant as our team of expert manufacturing staff can tailor-make solutions to suit your needs.

We can work with your concept and ideas to develop an appropriate lying positioning solution; then design the product and produce in our New Zealand manufacturing headquarters.

Medifab product consultants are also available to assist with set-up and training of carers on use of lying positioning equipment.

We can also custom-make covers for any sleep system items from your preferred fabric to suit client requirements. Some examples of common customisations are:

- Custom-made Coolover® covers to suit the CareWave range of cushions.
- Covers which incorporate special straps in order to attach to other cushions or sleep system components.



Thermal Comfort Fabric Solutions



Manufacturer





Designed for the Symmetrisleep range, by The Helping Hand Company UK.

Properties

Active temperature regulation for thermal comfort. Excess moisture can cause discomfort and distress but with Coolover, these issues can be alleviated due to its unique structure. Coolover is a 'denier-gradient' fabric which means it has a slightly different structure on the outside to the inside. Wider channels near the skin draw moisture away and evaporation occurs on the other side of the fabric. This reduces risk of respiratory distress, rashes & redness.

Care

Machine washable up to 75°C. Low tumble dry. Do not iron or Dry clean.

Item	Code	Dimensions	Specifications
Coolover Fitted Sheets 	7015-7120-C00	60 cm wide x 130 cm long	Cot Mattress Sizes
	7015-7120-T00	80 cm wide x 160 cm long	3/4 Mattress Sizes
	7015-7120-S00	120 cm wide x 200 cm long	Single Mattress Sizes
	7015-7120-SK0	145 cm wide x 200 cm long	Single King Mattress Sizes
	7015-7120-D00	150 cm wide x 215 cm long	Double/Queen Mattress Sizes
Coolover Flat Sheet 	7015-7100-SFS	320 cm wide x 210 cm long	Use as a top sheet or draping sheet. Also available to be used to upholster items not from the Symmetrisleep range (at Medifab's discretion)
Coolover Pillow Covers 	7016-7500-CVR	30 cm x 30 cm	Fits A (Square) Lowzone Cushion
	7016-7580-CVR	30 cm x 45 cm	Fits C (M Oblong) Lowzone Cushion
	7016-7610-CVR	45 cm x 75 cm	Fits D (L Oblong) Lowzone Cushion*
	7016-7720-CVR	25 cm x 37 cm	Fits E-S (S Horseshoe) Lowzone Cushion
	7016-7710-CVR	30.5 cm x 65 cm	Fits E-M (M Horseshoe) Lowzone Cushion
	7016-7700-CVR	35 cm x 80 cm	Fits E-L (L Horseshoe) Lowzone Cushion
	7016-7702-CVR	65 cm x 90 cm	Fits E-X (X Horseshoe) Lowzone Cushion
	7016-7800-CVR	8 cm x 30 cm	Fits F (S Roll) Lowzone Cushion
	7016-7850-CVR	13 cm x 40 cm	Fits G (M Roll) Lowzone Cushion
	7016-7810-CVR	20 cm x 80 cm	Fits Z-Pillow Lowzone Cushion
Airmantle 	7014-8020-T00	160 cm x 80 cm x 2 cm	3/4 Mattress Sizes
	7014-8010-S00	190 cm x 100 cm x 2 cm	Single Mattress Sizes

*Also fits most standard sizes of regular bed pillow



Manufacturer



Designed for the Symmetrisleep range, by The Helping Hand Company UK.

Properties

Highly wicking, super-soft fabric to keep you cool. This eco-friendly textile has both anti-bacterial and anti-fungal properties so stays “fresh” for longer. It’s smooth, round fibres are knitted in to a silky super soft fabric for a luxury feel. Bamboo fibres have a hollow tube like construction so they tend to wick moisture away from the skin aiding evaporation and keeping the skin cool and dry (Bamboo can hold more than 3 times its own weight in water). Fabric composition: 52% Bamboo, 48 % Polyester Double Jersey knit with Purotex anti microbial included.

Care

Machine washable up to 40°C. Low tumble dry. Do not iron or Dry clean.

Item	Code	Dimensions	Specifications
 Bamboo Fitted Sheets	7015-7121-C00	60 cm wide x 130 cm long	Cot Mattress Sizes
	7015-7121-T00	80 cm wide x 160 cm long	3/4 Mattress Sizes
	7015-7121-S00	120 cm wide x 200 cm long	Single Mattress Sizes
	7015-7121-SK0	145 cm wide x 200 cm long	Single King Mattress Sizes
	7015-7121-D00	150 cm wide x 215 cm long	Double/Queen Mattress Sizes
 Bamboo Pillow Cover	7016-7500-BAM	30 cm x 30 cm	Fits A (Square) Lowzone Cushion
	7016-7580-BAM	30 cm x 45 cm	Fits C (M Oblong) Lowzone Cushion
	7016-7610-BAM	45 cm x 75 cm	Fits D (L Oblong) Lowzone Cushion*
	7016-7720-BAM	25 cm x 37 cm	Fits E-S (S Horseshoe) Lowzone Cushion
	7016-7710-BAM	30.5 cm x 65 cm	Fits E-M (M Horseshoe) Lowzone Cushion
	7016-7700-BAM	35 cm x 80 cm	Fits E-L (L Horseshoe) Lowzone Cushion
	7016-7702-BAM	65 cm x 90 cm	Fits E-X (X Horseshoe) Lowzone Cushion
	7016-7800-BAM	8 cm x 30 cm	Fits F (S Roll) Lowzone Cushion
	7016-7850-BAM	13 cm x 40 cm	Fits G (M Roll) Lowzone Cushion
	7016-7810-BAM	20 cm x 80 cm	Fits Z-Pillow Lowzone Cushion

*Also fits most standard sizes of regular bed pillow

Thermal Comfort Fabric Solutions contd.



Manufacturer

Outlast Technologies LLC.

Properties

Outlast® technology, originally developed for NASA, utilizes phase change materials (PCM) that absorb, store and release heat for optimal thermal comfort. Outlast technology is comparable to ice in a drink; as it changes from solid to liquid, it absorbs heat and cools the drink, keeping that drink at the desired temperature for longer. Outlast phase change materials work in the same way, but are microencapsulated to be permanently enclosed and protected in a polymer shell. We call microencapsulated phase change materials Thermocules™.



This encapsulation process makes the Thermocules exceptionally durable for many applications. These Thermocules can be incorporated into fabrics and fibers and have the capacity to absorb, store and release excess heat. This gives any product containing Outlast technology the ability to continually regulate skin's microclimate. As the skin gets hot, the heat is absorbed, and as it cools, that heat is released.

Outlast technology is not wicking technology, which manages moisture by reacting to your sweat and pulling it away from the skin. Outlast technology will proactively manage heat while controlling the production of moisture before it begins.

That's the Outlast difference.



Item	Code	Dimensions	Specifications
Outlast Elastic White Flat Sheet	7030-7890-LST	205 cm wide x 260 cm long	Cot Mattress Sizes
Outlast Elastic White Fabric - off the roll	0033-0810-010	Order size to suit your needs	Use as a top sheet or draping sheet. Also available to be used to upholster items (at Medifab's discretion)

medifab®

Manufacturer

Medifab Merino Covers.

Properties

- 100% Natural
- Soft, insulating, breathable and moisture wicking
- Easy care and machine washable
- Unique thermal properties which keep warm in winter and cool in summer



Item	Code	Dimensions	Specifications
Merino Fabric (black) - off the roll	0033-0730-330	Order size to suit your needs	Custom-tailored to suit your requirements.

Pharmaouest PREVENTIX Careconcept

Manufacturer

Pharmaouest.

Properties

CareWave can be supplied with cotton towelling covers that zip over the cushion. This material has absorbent and aerating properties which can provide a certain degree of comfort rather than having contact against the PU fabric of the pillow itself – which can feel slightly cold to touch. At least 2 are recommended for laundering purposes.

Refer to pages 34-39 for codes and details to suit individual CareWave cushions.

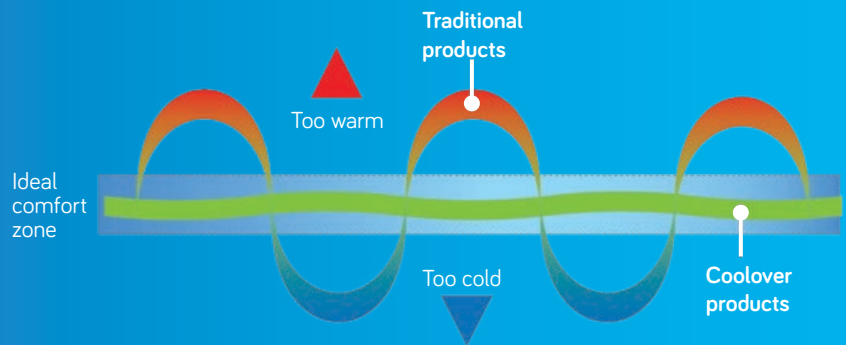


COOLOVER^{TR}3

Effective temperature regulation is key to achieving comfort and skin integrity when in either seated or lying positions.

Most people are comfortable with their skin temperature between 33.3 and 33.6 degrees – a narrow margin. This can easily be affected by moulded seating, clothing, cushions, foams, sheets and bedding – especially for those with complex conditions or neurological problems.

Our 'Micro-Climate' (skin surface temp and humidity/skin surface moisture) – can be affected too by the ambient temperature, ambient humidity, exposure to air and contact with other surfaces.



Coolover Clinical Advantages

1

Absorb and release technology

Coolover fabrics can be used to enhance thermal comfort by working right up close. This soft feel Hypo Allergenic fabric contains tiny Omnitherm microcapsules; these absorb excess heat when the body is hot and release it back when the body cools to maintain a more even temperature for a better night's sleep.

2

Fibre embedding

Having Omnitherm embedded in the fibres themselves, rather than being in a separate inner layer, gets them closer to the skin to offer our most effective temperature controlling fabric to date.

3

Air movement that cools

3D "spacer" knit allows air to move more freely keeping you:

- Cooler as sweat can more easily evaporate
- Drier as moisture is moved away from the skin

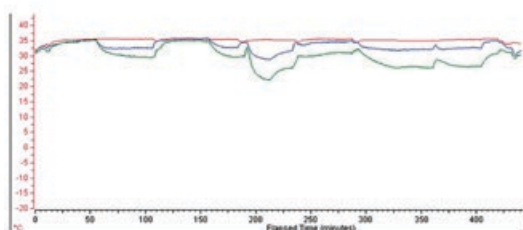


Omnitherm Thermal Comfort

• Omnitherm microcapsules within Coolover fabric threads (Graphic representation)

Symmetrisleep & Temperature Stabilisation

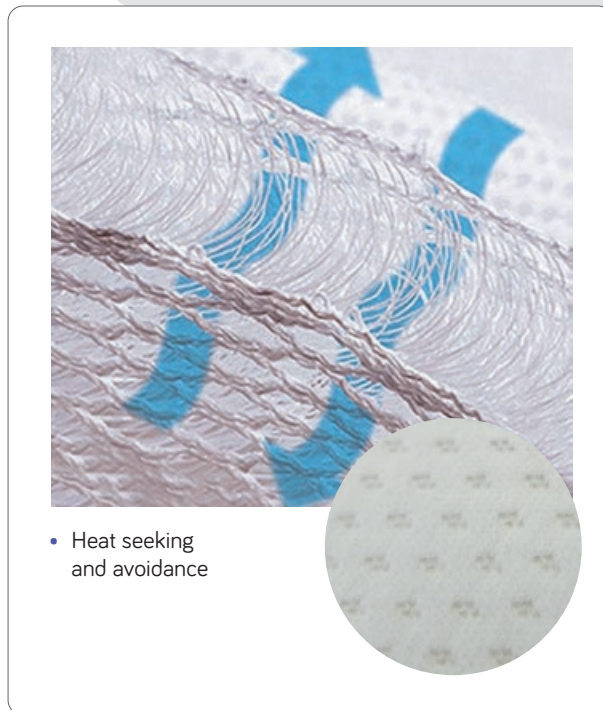
During the night, we regularly rearrange our bedclothes to help maintain a constant body temperature. Airmantle helps those who cannot make these adjustments for themselves; it puts a layer of air around the user allowing perspiration to evaporate so helping to maintain core temperature. This graph illustrates temperature of trunk, thighs and feet during one night in an individual with normal movement. It shows how the legs act as a heat sink so that movement of the feet towards and away from the body helps to defend a stable core temperature in the trunk.



For those unable to carry out such heat seeking and avoidance behaviour, Airmantle can be used to put a layer of air around the person, allowing perspiration to evaporate. It can help to maintain a stable core temperature and reduce disturbance at night. It can be washed as a whole or covers and core can be washed separately.

Use it knitted side up for temperature regulation. Any spillage cannot pass through the base so bedding underneath is protected. Use it base side up if heavy spillage is likely then use a Coolover top-sheet for temperature regulation.

For further details refer to Airmantle on page 19.



- Heat seeking and avoidance

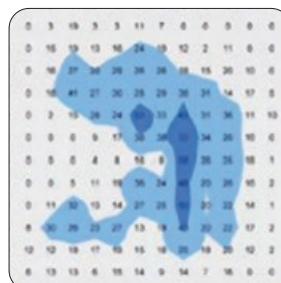
Symmetrisleep & Pressure Relief

Overmattresses are regularly used in conjunction with alternating mattresses. Readings with FSA pressure monitors show little impact, if not a decrease in peak & mean pressures.

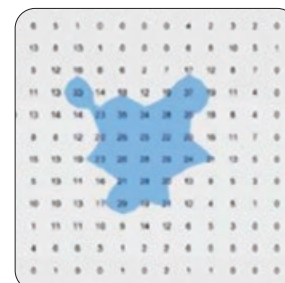
Opposite are typical results- Without the airmantle, the results are good, with an average pressure when the appropriate cells are deflated of just under 10mmHg with a peak pressure of 58 mmHG. With a Lowzone overmattress in place the peak was reduced to 27mmHg and the average to 6mm Hg. With an Airmantle in place, we see even better results. See www.medifab.co.nz/pressure-airmantle for more details.

A recent study by Brightwater Group^[1] into the implementation of Postural care in a long term care facility, 4 of 5 clients safely had their alternating mattresses removed. NB This was done in conjunction with staff education and initially frequent inspection of skin condition.

For further details refer to Overmattress on page 19.



- Without Overmattress



- With Overmattress

[1] Brightwater Care Group Inc. for Health Workforce Australia "Developing and testing the adaptability and utilisation of care workers as part of an Interdisciplinary Workforce Model of Practice. Samantha Neylon. Undated.



Positioning Overviews

Use this pictorial guide to show your clients some examples of positioning solutions.

Client example



Client unsupported, before using a Sleep System.



Client supported by Symmetrisleep system.

Head Positioning

Position			
Details	Lying on the back	Side position 30 °	Side position 130 °
Solutions	Ring Cushion (pg 38)	Ring Cushion (pg 38)	Ring Cushion (pg 38)
Position			
Details	Side position 30 °	Side position 30 °	Lying on the back. This position prevents excessive head stretching and improves patient's self-perception.
Solutions	Cylindrical Cushion (pg 36)	Universal Cushion (pg 36)	Semi-Fowler Cushion (pg 36)
Position			
Details	Side position 30 °	Supine position	Side position
Solutions	Half-Moon Cushion (pg 38)	Half-Moon Cushion (pg 38)	Lowzone D Cushion (pg 21)
Position			
Details	Supine position	Side position	Integrated head support of the full-length back cushion for supine position.
Solutions	Lowzone E Cushion (pg 41)	Ear Protection Cushion (pg 41)	Back cushion (pg 35)

Chest/Torso Positioning

Position			
Details	Back position. Maintains and holds the back , improving patient's self-perception. Only one cushion required to hold shoulders and head.	Half-Moon also provides support and stability to the spinal column and the head.	Side position 30 °. Delta is designed to maintain patient's chest.
Solutions	Half-Moon Cushion (pg 38)	Half-Moon Cushion (pg 38)	Delta Cushion (pg 35)
Position			
Details	Side position 130 °	Side position 30 °	Chest support for smaller sized patients.
Solutions	Delta Cushion (pg 35)	Delta Cushion (pg 35) Universal Cushion (pg 35) - for head Universal Cushion (pg 35)- supporting forearm	Cylindrical Cushion (pg 36)
Position			
Details	Side position 130 °	Side position 30 ° and 130 °	Side position 30 ° and 130 °
Solutions	Universal Cushion (pg 35) - for head Universal Cushion (pg 35)- for chest Cylindrical Cushion (pg 36) - for legs	Decubitus Cushion (pg 37) Universal Cushion (pg 35) - supports head	Decubitus Cushion (pg 37) Universal Cushion (pg 35) - supports head
Position			
Details	Provides firmer support, laterals are held in place by the stabilising mesh	Mainly used in Supine lying, brackets support the chest and torso.	Full body support for supine lying with an 'arm' of the cushion supporting each side.
Solutions	Padded Lateral Supports (pg 10) Stabilising Mesh (pg 9) Fitted Sheets (pg 10)	Positioning brackets (pg 22) Coolover bracket pads (pg 22)	Back cushion (pg 35)

Arm Positioning

The normal elbow flexion of 30° must be respected.
This is the result of the muscular relationship between flexion (2/3) and extension (1/3).

Position			
Details	Dorsal and side position 30°	Side position 30 °	Side position 30 °
Solutions	Small Universal Cushion (pg 35)	Abduction Cushion (pg 36)	Small Cylindrical Cushion (pg 36)
Position			
Details	Side position 30 °	Side position 30 °	Position 135°
Solutions	Small Universal Cushion (pg 35)	Small Cylindrical Cushion (pg 36)	Small Universal Cushion (pg 35)
Position			
Details	Position 135°	Supine Position	Thin brackets prevent shear under the arm when used as thoracic lateral guides.
Solutions	Universal Cushion (pg 35)	Positioning brackets (pg 22)	Slim positioning brackets (pg 22)

Abduction

For contractures and other ligament tightness, abduction assists with knee positioning.

Position			
Details	Placed in crotch area.		Allows for positioning at width of hips. Prevents pressure points on knee condyles.
Solutions	Abduction Cushion (pg 36)		Delta Cushion (pg 35)
Position			
Details	Combine Universal (under legs) & Abduction (between thighs). Small Cylindrical can also be used.		Use T-Roll with or without straps to keep legs in an abducted position.
Solutions	Small Universal Cushion (pg 35) & Abduction Cushion (pg 36)		T-Roll (pg 58)
Position			
Details	Worn above the knees, across the thighs, the Supine Stabiliser stabilises the pelvis and the femora.	Placed between knees.	Placed lengthways between legs.
Solutions	Supine Stabiliser (pg 11)	Bow Cushion (pg 39)	Cylindrical Cushion (pg 36)
Position			
Details	For abduction in both supine and semi-side lying positions.	For active users or those that require turning, Rolling knee block maintains an abducted position even when turned.	Good stability in supine lying.
Solutions	W leg cushion (pg 59)	Monoblok Rolling Knee Support (pg 23)	Monoblok Supine Knee Support (pg 23)


Leg Positioning




The following postures relieve the patient from unwanted tractive force and pressure. Correct knee and hip flexion can then be achieved.




Position			
Details	Delta with its 3 support points suits patients suffering from spasms on knee and/or hip. For larger patients who don't reach support points, Universal cushion can be placed under Delta.	Semi-Fowler allows additional postures to Delta. Unique shape has integrated abduction module for positioning at the hips width. Legs are maintained with pressure relief on heels	Protects the hips and pelvis when a person is lying on their side. The leg channel creates a perfect place for the top leg to lie and the bottom leg wraps gently around the outside.
Solutions	Delta Cushion (pg 35)	Semi-Fowler Cushion (pg 36)	Side Lying Leg Support (pg 11)
Position			
Details	Correct orthopaedic alignment of lower limbs which prevents knee hyper-extension. Two modules allow for customised patient positioning.		Supine Position.
Solutions	Fitleg Non-Slip (pg 40)		Semi-Fowler Cushion (pg 36)
Position			
Details	Cylindrical cushion is also important for the knee flexion. It provides rapid relief for patients.	Back Position. Combination of a Half-Moon cushion together with a Cylindrical cushion allows for calf positioning and total pressure relief on the heel area.	Supine Position. Fitleg is specially designed to allow heel stability and relieve heel pressure.
Solutions	Cylindrical Cushion (pg 36)	Half-Moon Cushion (pg 38) Cylindrical Cushion (pg 36)	Fitleg (pg 40)

Position			
Details	Supine Position.	For elevation of one leg only.	Supine positioning.
Solutions	Small Universal Cushion (pg 35)	XX Large Abduction Cushion (pg 41)	Knee comfort sleep wedge (pg 58). Pictured with optional knee cuffs.
Position			
Details	Pressure relief for feet, from sheets and bed clothes, which rest on top of the foot-drop	Side position 30 °. Knee condyles and ankle joints are protected from pressure.	Side position 30 °. Knee condyles and ankle joints are protected from pressure.
Solutions	Heel Support (pg 60)	Decubitus Cushion (pg 37)	Small Universal Cushion (pg 35)
Position			
Details	Front leg on Decubitus cushion	Side position 135 °. Cylindrical cushion supports the leg. Ankles and tendons are protected and there is no unpleasant tear strength in hip joint.	Side position 30 °. Knee condyles and ankle joints are protected from pressure.
Solutions	Decubitus Cushion (pg 37)	Cylindrical Cushion (pg 36)	Cylindrical Cushion (pg 36)
Position			
Details	Side position 135 °. In this position, Universal cushion supports the patient's leg. Ankles and tendons are protected and there is no unpleasant tear strength in the hip joint.	Side position 30 °. Combine any posture with the heel bootie for superior protection or for therapeutic support for bedsore treatment.	Stabilises the pelvis in a side-lying position.
Solutions	Small Universal Cushion (pg 35)	Heel Bootie (pg 39)	Side Lying Leg Support (pg 21)

The Foot

Position			
Details	Semi-Fowler supports the leg and relieves pressure on the heel area.	Place Cylindrical cushion under the Achilles' heel, relieving pressure on heel area for bedsore prevention.	Fix Heel cushion to the mattress at the heels area with its adjustable straps. Helps to support ankles and relieve pressure on the heels zone.
Solutions	Semi-Fowler Cushion (pg 36)	Cylindrical Cushion (pg 36)	Heel Cushion (pg 39)





Position			
Details	Relieves pressure off the base of the heel – often necessary when the person is being supported to lie supine and particularly necessary with increasing amounts of hip and knee flexion. Protects the toes from possible shear forces caused by contact with sheets.	Heel Bootie is an accessory for positioning and bedsore prevention.	Heel Bootie is an accessory for positioning and bedsore prevention.
Solutions	Simple Stuff Works Foot Support (pg 12)	Heel Bootie (pg 39)	Heel Bootie (pg 39)

Position			
Details	For long-term lying patients with covers and sheets weighing on the foot, it is necessary to prevent from equines foot.	Fix Heel cushion to the bed with its adjustable straps to prevent equines foot.	Fix Heel cushion to the bed with its adjustable straps to prevent equines foot.
Solutions	Heel Cushion (pg 39) Universal Cushion (pg 35)	Heel Cushion (pg 39)	Heel Cushion (pg 39)

Position			
Details	Delta: foot positioning (allows foot movement and reduces risk of cramp). Fitleg: leg position.	Supine lying.	Pressure relief from sheets and bed clothes, which rest on top of the foot-drop.
Solutions	Delta Cushion (pg 35) Fitleg (pg 40)	Lowzone D Cushion (pg 21)	Heel support (pg 50)




Wheelchair Users

Position			
Details	Arm Positioning on a wheelchair with hard Perspex support: the Perspex table is hard and slippery, and risk of developing skin breakdown on the elbow is very high.		Example of positioning after a stroke.
Solutions	Hemi-Care Cushion (pg 41). Both parts of the cushion are fixed together with Velcro. The cushion adapts perfectly to different morphologies and guarantees arm positioning in the continuation of the shoulder joint. Perfectly maintains the arm so it cannot slide. Also reduces pressure on elbow area so that there is no sensation of pulling in the shoulder.		Hemi-Care Cushion (pg 41)




Position				
Details	Semi-Fowler can be used to prevent pressure on the elbow. Abduction module is also important.	Ring can be used to support arms. It relieves patient and respects shoulder articulation.	Patients with kyphosis, Hemi-Care helps maintain the back straight.	Abduction in wheelchair
Solutions	Semi-Fowler Cushion (pg 36)	Ring Cushion (pg 38)	Hemi-Care Cushion (pg 41)	Abduction Cushion (pg 36)

Care-Kit Overview

- Especially for children, the Care-Kit is an easily transported solution
- Cushions stay in place using the Velcro strips
- Can be used on the floor in school environments.

Position			
Details	Supine Position	Side position 135°	Side position 30°
Solutions	Care-Kit contains: 1 Mattress with Velcro strips, 1 Small Half-Moon cushion, 1 Abduction cushion, 2 Cylindrical cushions (pg 35)		




Supine Position Overview

Position			
Details	Supine Position	Supine Position. Delta used for knee flexion.	Supine Position. Fitleg used for leg positioning.
Solutions	Half-Moon Cushion (pg 38) Cylindrical Cushion (pg 36)	Half-Moon Cushion (pg 38) Delta Cushion (pg 35)	Half-Moon Cushion (pg 38) Fitleg (pg 40)
Position			
Details	Supine Position	Supine Position	Supine Position with Symmetrisleep
Solutions	Half-Moon Cushion (pg 38) Semi-Fowler Cushion (pg 36) used for leg positioning, heel pressure relief and abduction.	2 x Half-Moon Cushion (pg 38) Cylindrical Cushion (pg 36)	Lowzone E Cushion (pg 21) Positioning Brackets (pg 21) Knee Brace (pg 23) Lowzone F Roll (pg 21)

Side Position 30° Overview



Position			
Details	Side Position 30°	Side Position 30°	Side Position 30°
Solutions	Universal Cushion (pg 35) - supports head. Delta Cushion (pg 35) - supports back. Small Universal Cushion (pg 35) - supports arm. Universal Cushion (pg 35) - supports front leg.	Universal Cushion (pg 35) - supports head. Delta Cushion (pg 35) - supports back. Small Universal Cushion (pg 35) - supports arm. Half-Moon Cushion (pg 38) - supports legs.	Universal Cushion (pg 35) - supports head. Delta Cushion (pg 35) - supports back. Small Universal Cushion (pg 35) - supports arm. Cylindrical Cushion (pg 36) - supports legs.
Position			
Details	Side Position 30°	Side Position 30°	Side Position using mixed range selection
Solutions	Universal Cushion (pg 35) - supports head. Half-Moon Cushion (pg 38) - supports back. Small Universal Cushion (pg 35) - supports arm. Cylindrical Cushion (pg 36) - supports legs.	Velcro Sheet (pg 9) Overmante or Airmante (pg 9) Lge / XLge Positioning Brackets (pg 11) D Cushion between legs (pg 11)	Delta Cushion (pg 35) - supports back Lowzone D Cushion (pg 11) - between legs Lowzone E Cushion (pg 11) - supports head

Side Position 135° Overview

Position			
Details	Side Position 135°	Side Position 135°	Side Position 135°
Solutions	Universal Cushion (pg 35) supports head Cylindrical Cushion (pg 36) supports chest Universal Cushion (pg 35) supports leg	Universal Cushion (pg 35) supports head Cylindrical Cushion (pg 36) supports chest Universal Cushion (pg 35) supports leg	Universal Cushion (pg 35) supports head Cylindrical Cushion (pg 36) supports chest Universal Cushion (pg 35) supports leg

Decubitus Cushion Overview

- Decubitus cushion allows 30° hip and knee flexion for easy use.
- It is a single cushion that can cover all the primary body postures.
It can be used alone instead of several other cushions: resulting in faster and more effective positioning.
- If required, it can be combined with other cushions or accessories.

Position						
Details	30°	30°	30°	30°	135°	135°
Solutions	Half-Moon Cushion (pg 38)	Decubitus Cushion (pg 37)	Decubitus Cushion (pg 37)	Decubitus Cushion (pg 37)	Decubitus Cushion (pg 37)	Decubitus Cushion (pg 37)

Position		
Details	Side 135°. Use Decubitus with Universal for positioning according to the Bobath concept.	Side 30° Position. Decubitus can also be used with Small Universal for arm positioning.
Solutions	Decubitus Cushion (pg 37) Small Universal Cushion (pg 35)	Decubitus Cushion (pg 37) Small Universal Cushion (pg 35)



Educational Resources

Useful guides to assist with strategising and problem-solving relating to lying positioning.



Sleep and Postural Care

What is Postural Care?

Protection of body shape by supporting the body in a straight and comfortable posture, both in the day and at night.

Does the individual I care for need Postural Care?

- Write 'yes' or 'no' in the space below:
- Does the body stay in a limited number of positions?
- Do the knees seem to go to one side? Or inwards? Or outwards?
- Does the head seem to turn mainly to one side?
- Does the body tend to flex forwards? Extend backwards? Or both? Or to the right? Or to the left?
- Is the body shape already asymmetric?

The benefits of Postural Care

- Protection of body shape.
- Improved function.
- Reduced long-term need for surgery or extended benefit from surgery.
- Reduced need for expensive, complex equipment to cater for future problems with body shape.
- Health gain for the individual, improved quality of life, improved sleeping patterns and reduced pain.
- Resultant health and emotional gain for all the family.

What is Postural Moulding?

The use of posture to allow the force of gravity, as it presses down, to mould the body to the shape you want.

Night time is the best time to provide Postural Moulding because:

- Muscle spasms are reduced in sleep.
- The body is lying down flat so that gravity can be used to straighten the body.
- There are long periods of time during which no other demands are made of the individual.

Lying straight helps you:

Sit straight
Stand straight
Grow straight



Destructive Postures



Lying with legs to one side makes it hard to sit straight.



Lying with knees out to the side makes it a problem to bend in the morning.



Lying all night with a bent back makes it difficult to sit straight in the day.



Lying with knees together makes it hard to sit and stand.



Lying curled up at night makes it hard to sit up during the day.

"Introduction to Postural Care Family Workshops":
John and Liz Goldsmith, 2001
Images from The Helping Hand Company, 2005

Case Study: Mr M

Progress Report: Dec 06 to Sept 07

- M has spastic quadriplegia as a result of an acquired brain injury ten years previously. He had been stabbed in the abdomen and lost so much blood that he had hypoxia to the brain.
- M has generalised increased muscle tone, which is particularly severe in his lower limbs and right upper limb. He is unable to change his position in bed or to readjust his position when seated. M has some voluntary movement in his left upper limb but cannot use this movement purposefully. He has intellectual impairment but does have limited speech.
- When first seen in Dec 2006, (Fig. 1) M had fixed hip and knee flexion in legs, a stiff trunk and very tight flexion in his right arm and wrist. These joint positions could not be passively changed due to the forces required. Care staff found it very difficult to perform hoist transfers on M as he could not be flexed forward in his wheelchair in order to position the sling behind him due to his stiff trunk and hips.
- M would sleep in the same posture all night unable to move his position. He would have very disturbed sleep and wake very early in the morning making groaning and moaning noises. Staff would have to get him out of bed early due to his discomfort.
- Symmetrisleep equipment was put in place for M in Dec 2006, (Fig. 2). He had some fixed windsweeping deformity of his hips at this stage, which meant that this had to be accommodated within the equipment. It was possible to get symmetrical alignment of his chest and pelvis if his windsweeping was accommodated. Three large pillows were required to support his hips and knees in their flexed posture giving even weight distribution and allowing for relaxation. This equipment was used nightly and M's posture monitored regularly.
- Fig. 3 shows the changes in M's posture in bed, without any support, after three months of using the equipment (Feb 2007). M's hips and knees were a little less flexed and his windsweeping had reduced significantly. At this stage, M no longer woke frequently during the night and did not moan and groan in discomfort in the early morning. M was sleeping well and had to be woken by staff to get up. He was much more alert and happier during the day and staff reported that he was less stiff and thus transfers were much easier. With continued use, M's posture improved even further. By Sept 07, (Fig. 4) M was almost symmetrical in his trunk and pelvis when lying in bed without support. The degree of flexion in his hips and knees was reduced. He was sleeping well and was much more relaxed during the day. Accompanying changes had taken place with his seating insert as he was now able to weight bear symmetrically and required a less complex seating cushion. Staff found it much easier to perform personal care and transfers.

Update: February 2010. M still uses his system. He has brackets at chest and hips and a couple of pillows under the knees.

Mr M positioning



Fig. 1

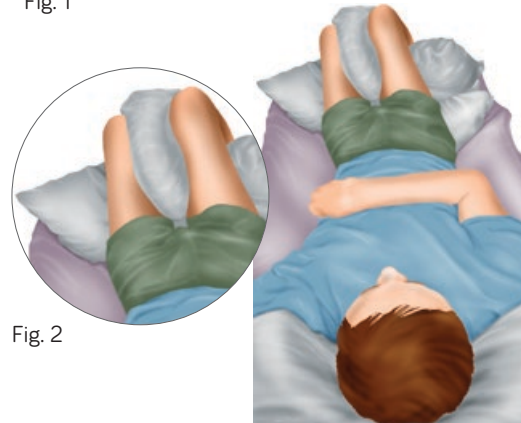


Fig. 2



Fig. 3



Fig. 4

© 2010 Cheryl Lockwood (text)

© 2010 Symmetrikit Engineering Ltd (illustrations).

Medifab Sleep Diary

For _____ Carer _____ Date ____ / ____ / ____

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Tone	Is the person: <input type="checkbox"/> Stiff <input type="checkbox"/> Floppy <input type="checkbox"/> Flexible	Is the person: <input type="checkbox"/> Stiff <input type="checkbox"/> Floppy <input type="checkbox"/> Flexible	Is the person: <input type="checkbox"/> Stiff <input type="checkbox"/> Floppy <input type="checkbox"/> Flexible	Is the person: <input type="checkbox"/> Stiff <input type="checkbox"/> Floppy <input type="checkbox"/> Flexible	Is the person: <input type="checkbox"/> Stiff <input type="checkbox"/> Floppy <input type="checkbox"/> Flexible	Is the person: <input type="checkbox"/> Stiff <input type="checkbox"/> Floppy <input type="checkbox"/> Flexible	Is the person: <input type="checkbox"/> Stiff <input type="checkbox"/> Floppy <input type="checkbox"/> Flexible
Pain	Is he/she in any pain? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Is he/she in any pain? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Is he/she in any pain? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Is he/she in any pain? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Is he/she in any pain? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Is he/she in any pain? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Is he/she in any pain? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?
Pressure	Are there any signs of pressure or redness? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Are there any signs of pressure or redness? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Are there any signs of pressure or redness? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Are there any signs of pressure or redness? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Are there any signs of pressure or redness? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Are there any signs of pressure or redness? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?	Are there any signs of pressure or redness? <input type="checkbox"/> Yes <input type="checkbox"/> No Where? How long for?
Morning behaviour & emotion	They are: <input type="checkbox"/> Happy <input type="checkbox"/> Sleepy <input type="checkbox"/> Alert <input type="checkbox"/> Upset <input type="checkbox"/> Irritable	They are: <input type="checkbox"/> Happy <input type="checkbox"/> Sleepy <input type="checkbox"/> Alert <input type="checkbox"/> Upset <input type="checkbox"/> Irritable	They are: <input type="checkbox"/> Happy <input type="checkbox"/> Sleepy <input type="checkbox"/> Alert <input type="checkbox"/> Upset <input type="checkbox"/> Irritable	They are: <input type="checkbox"/> Happy <input type="checkbox"/> Sleepy <input type="checkbox"/> Alert <input type="checkbox"/> Upset <input type="checkbox"/> Irritable	They are: <input type="checkbox"/> Happy <input type="checkbox"/> Sleepy <input type="checkbox"/> Alert <input type="checkbox"/> Upset <input type="checkbox"/> Irritable	They are: <input type="checkbox"/> Happy <input type="checkbox"/> Sleepy <input type="checkbox"/> Alert <input type="checkbox"/> Upset <input type="checkbox"/> Irritable	They are: <input type="checkbox"/> Happy <input type="checkbox"/> Sleepy <input type="checkbox"/> Alert <input type="checkbox"/> Upset <input type="checkbox"/> Irritable
Equipment	How easy is it to put the person into their wheelchair? 1 - 2 - 3 - 4 - 5 Easy Difficult	How easy is it to put the person into their wheelchair? 1 - 2 - 3 - 4 - 5 Easy Difficult	How easy is it to put the person into their wheelchair? 1 - 2 - 3 - 4 - 5 Easy Difficult	How easy is it to put the person into their wheelchair? 1 - 2 - 3 - 4 - 5 Easy Difficult	How easy is it to put the person into their wheelchair? 1 - 2 - 3 - 4 - 5 Easy Difficult	How easy is it to put the person into their wheelchair? 1 - 2 - 3 - 4 - 5 Easy Difficult	How easy is it to put the person into their wheelchair? 1 - 2 - 3 - 4 - 5 Easy Difficult
Activity level	Is the person active during the day? <input type="checkbox"/> Yes <input type="checkbox"/> No How long for?	Is the person active during the day? <input type="checkbox"/> Yes <input type="checkbox"/> No How long for?	Is the person active during the day? <input type="checkbox"/> Yes <input type="checkbox"/> No How long for?	Is the person active during the day? <input type="checkbox"/> Yes <input type="checkbox"/> No How long for?	Is the person active during the day? <input type="checkbox"/> Yes <input type="checkbox"/> No How long for?	Is the person active during the day? <input type="checkbox"/> Yes <input type="checkbox"/> No How long for?	Is the person active during the day? <input type="checkbox"/> Yes <input type="checkbox"/> No How long for?
	Is the person tired when they go to bed? <input type="checkbox"/> Yes <input type="checkbox"/> No What time did he/she go to bed? : am/pm	Is the person tired when they go to bed? <input type="checkbox"/> Yes <input type="checkbox"/> No What time did he/she go to bed? : am/pm	Is the person tired when they go to bed? <input type="checkbox"/> Yes <input type="checkbox"/> No What time did he/she go to bed? : am/pm	Is the person tired when they go to bed? <input type="checkbox"/> Yes <input type="checkbox"/> No What time did he/she go to bed? : am/pm	Is the person tired when they go to bed? <input type="checkbox"/> Yes <input type="checkbox"/> No What time did he/she go to bed? : am/pm	Is the person tired when they go to bed? <input type="checkbox"/> Yes <input type="checkbox"/> No What time did he/she go to bed? : am/pm	Is the person tired when they go to bed? <input type="checkbox"/> Yes <input type="checkbox"/> No What time did he/she go to bed? : am/pm
Thermal comfort	Is the person: <input type="checkbox"/> Comfortable <input type="checkbox"/> Hot <input type="checkbox"/> Cold <input type="checkbox"/> Sweaty	Is the person: <input type="checkbox"/> Comfortable <input type="checkbox"/> Hot <input type="checkbox"/> Cold <input type="checkbox"/> Sweaty	Is the person: <input type="checkbox"/> Comfortable <input type="checkbox"/> Hot <input type="checkbox"/> Cold <input type="checkbox"/> Sweaty	Is the person: <input type="checkbox"/> Comfortable <input type="checkbox"/> Hot <input type="checkbox"/> Cold <input type="checkbox"/> Sweaty	Is the person: <input type="checkbox"/> Comfortable <input type="checkbox"/> Hot <input type="checkbox"/> Cold <input type="checkbox"/> Sweaty	Is the person: <input type="checkbox"/> Comfortable <input type="checkbox"/> Hot <input type="checkbox"/> Cold <input type="checkbox"/> Sweaty	Is the person: <input type="checkbox"/> Comfortable <input type="checkbox"/> Hot <input type="checkbox"/> Cold <input type="checkbox"/> Sweaty
Notes							

Sleep Strategy & Planning with Families

Name _____ Date ____ / ____ / ____ Therapist _____

Goals for Night Time Positioning e.g; Chest de-rotation? Reduction of windswept hips? Formal/informal?	1 month	6 months	12 months
If trialling a sleep system how will you determine that it has been successful in 2 weeks time?		What is the minimum time frame that client should stay in supported posture for them to benefit?	2 hours? 4 hours? All night?
Who will train carers?		Names of carers	
When will they be trained?			
Night time procedure	Step 1		
	Step 2		
	Step 3		
	Step 4		
Laundry / cleaning notes			
Sleep diary to be kept?	Yes / No	Photographic instructions (who will organise)	
Safety checklist	<input type="checkbox"/> Pain <input type="checkbox"/> Pressure Other identified hazards	<input type="checkbox"/> Breathing <input type="checkbox"/> Handling	<input type="checkbox"/> Reflux Other:
Family training notes			
'What if' scenarios	Scenario 1	Scenario 2	Scenario 3
Upcoming meetings with the clients family	Date: Time:	Date: Time:	Date: Time:
Other notes			

Application for Sleep System Trial

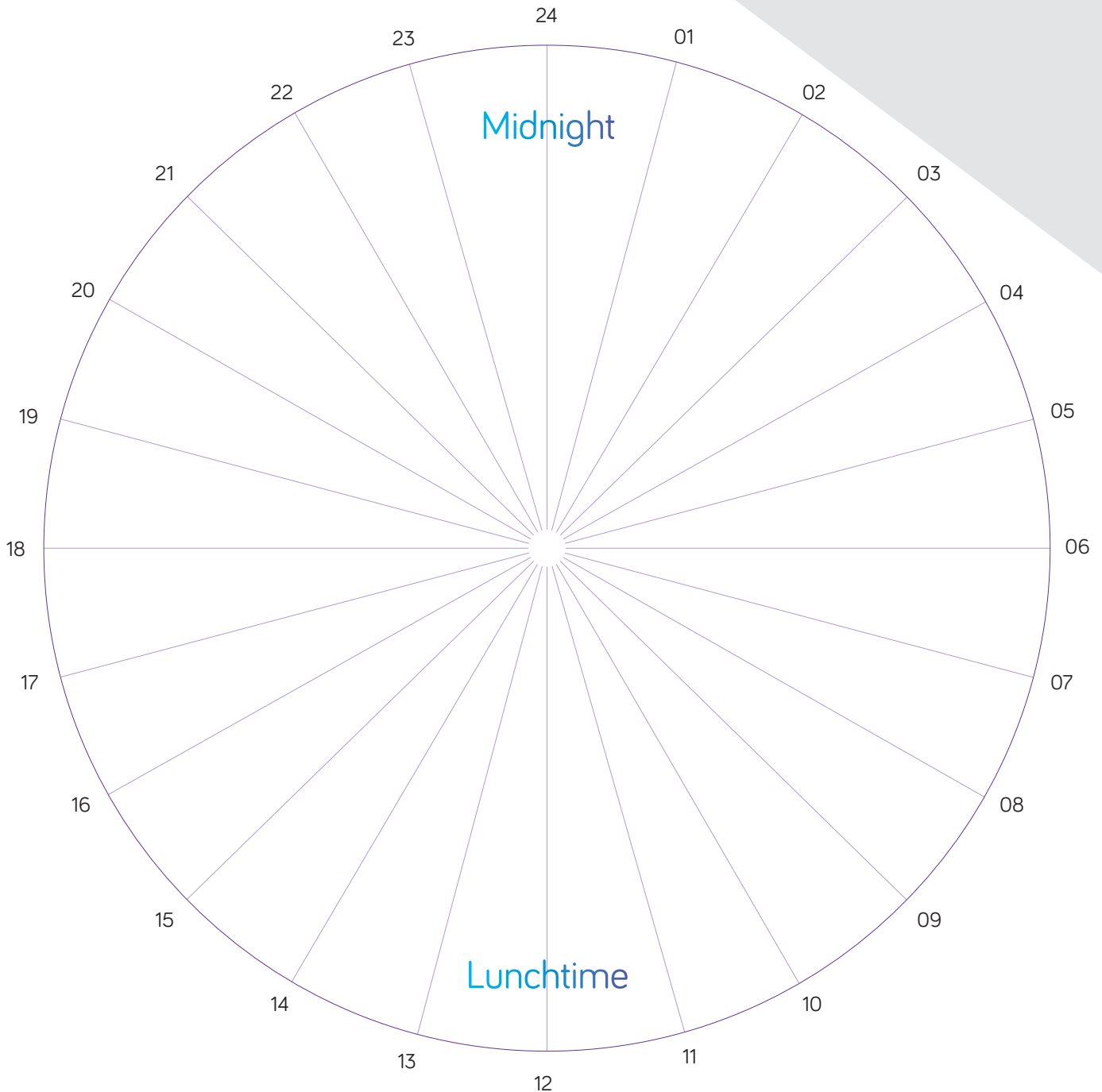
Send form to solutions@medifab.com or call **0800 543 343 (NZ)** or **1300 543 343 (AU)** to speak with a Product Consultant.

Date		Medifab reference	
Therapist name		Client name	
Organisation		DOB	M / F
Telephone		Parent/carer name	
Email address		Residential address	
Funding provider			
Funding approval	<input type="checkbox"/> Yes, approval received	Approval number	
Sleep System to promote or address	<input type="checkbox"/> Tone management <input type="checkbox"/> Temperature regulation <input type="checkbox"/> Chest derotation <input type="checkbox"/> Asymmetry <input type="checkbox"/> Pain, discomfort <input type="checkbox"/> Pressure distribution <input type="checkbox"/> Better positioning during the day		
Medical issues to note	<input type="checkbox"/> Reflux <input type="checkbox"/> Seizures <input type="checkbox"/> Gastrostomy <input type="checkbox"/> Aspiration <input type="checkbox"/> Pressure sores		
Current preferred sleep position	<input type="checkbox"/> Supine <input type="checkbox"/> Side lying <input type="checkbox"/> Semi-side lying <input type="checkbox"/> Prone		
Can the client tolerate supine?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know		
Preferred Sleep System	<input type="checkbox"/> Symmetrisleep <input type="checkbox"/> CareWave <input type="checkbox"/> Dreama <input type="checkbox"/> SleepShape <input type="checkbox"/> Simple Stuff Works <input type="checkbox"/> Pozinform		
Size of bed on which the Sleep System will be trialled	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Profiling bed <input type="checkbox"/> Other:		
Type of mattress being used	<input type="checkbox"/> Foam (standard) <input type="checkbox"/> Inner spring <input type="checkbox"/> Pocket spring <input type="checkbox"/> Air <input type="checkbox"/> Memory foam		
Sleep System components required for the following positions	<input type="checkbox"/> Supine <input type="checkbox"/> Side lying <input type="checkbox"/> Prone <input type="checkbox"/> Formal <input type="checkbox"/> Informal		
Carer commitment to night time postural care	<input type="checkbox"/> Very keen <input type="checkbox"/> Keen <input type="checkbox"/> Not keen		
Trial appointment	<input type="checkbox"/> Send equipment directly to me to set up <input type="checkbox"/> Arrange joint visit with a Medifab consultant <input type="checkbox"/> Appointment to be at a Medifab clinic: AKL/CHC		
Notes			

Trial terms: Medifab trial terms include that Sleep System trial goods shall be with the assessor for no more than 21 days of which they shall be no more than 14 days with the client, unless otherwise arranged with Medifab. The assessor is responsible for the goods for the duration of the trial and they must be returned to Medifab in clean, laundered condition. Medifab reserves the right to incur reparation fees for damaged or missing goods.

Posture Analysis Graph

24 hour clock for: Name _____ Date ____ / ____ / ____ Therapist _____



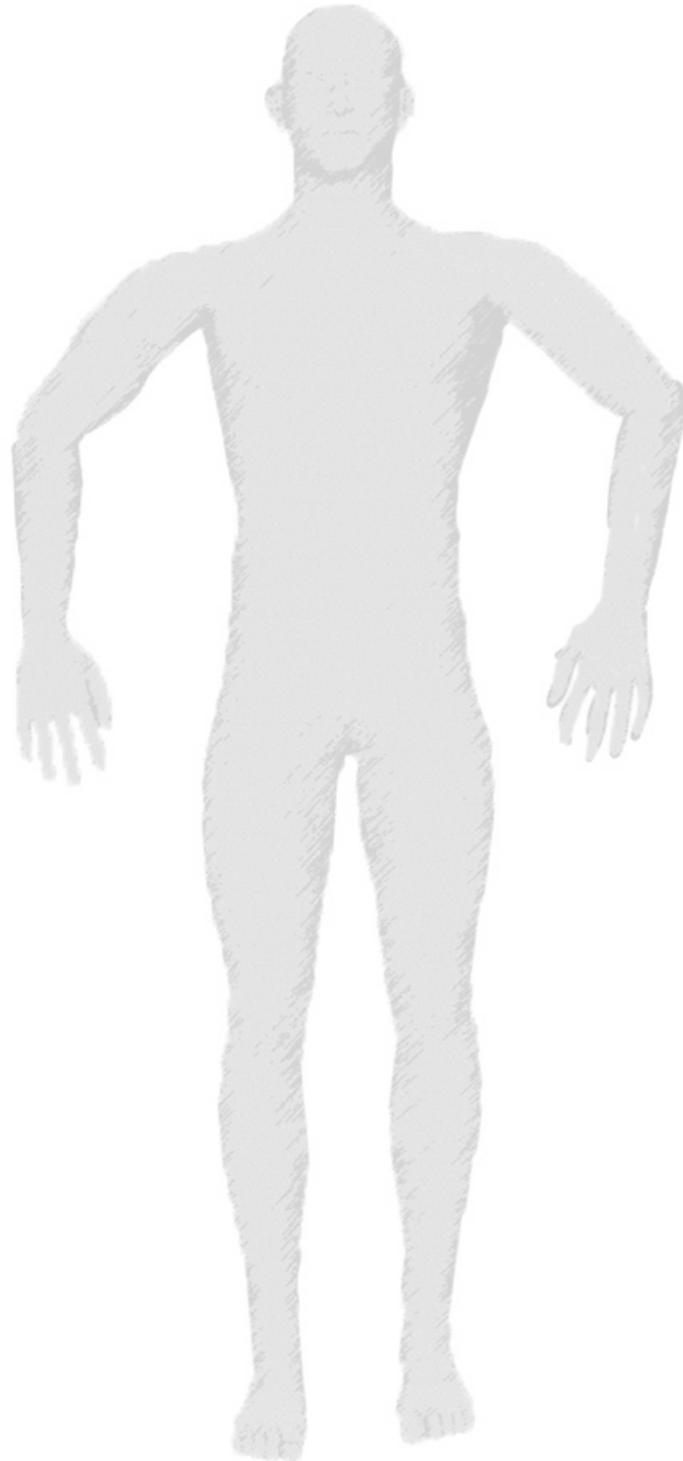
Instructions

- Divide the clock up according to the different positions/equipment the client is in.
- Label each sector accordingly
- Colour code each position/equipment type as per the shading key
- Calculate the percentage of the clock (24 hrs) spent in each situation
- For more information and resources, visit www.medifab.co.nz/sleep-library

Shading Key

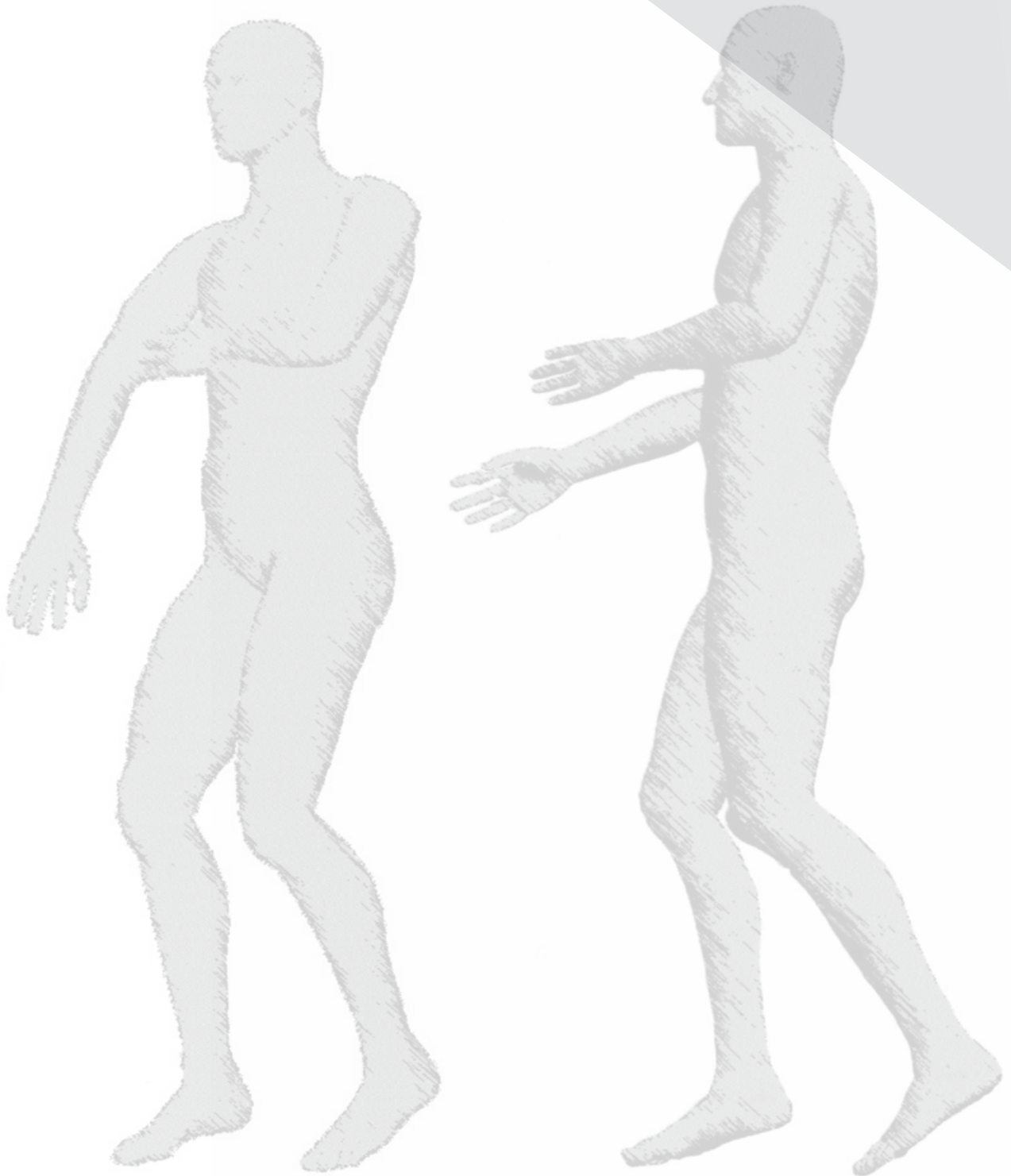
■ Lying/bed	= ____%
■ Wheelchair	= ____%
■ Standing frame	= ____%
■ Commode	= ____%
■ Indoor seating	= ____%
■ Other: _____	= ____%

Successful Lying & Positioning: Supine



Label this figure with products which have been successfully used.

Semi-Side & Side Lying



Label this figure with products which have been successfully used.

Medifab Sleep System Trials

Medifab understand that some equipment needs to be trialled by the customer prior to purchase to ensure a good fit to the client's needs. We view equipment trials passionately yet seriously, and do all we can to attain successful outcomes for all concerned. Should you have any query during the trial, such as clarifying options and configuration possibilities, please contact us directly on **0800 543 343 (NZ)** or email **solutions@medifab.com**

Delivery:

Either a Medifab product consultant or technician, or else a courier will deliver the equipment to you or the client (whichever you choose) and the trial period starts from when it is delivered.

Initial Set-Up:

At the initial set up of the trial the equipment must be adjusted and configured in the best possible way to serve the purpose for the trial and any accessory additions can take place or be requested if funding approval process permits.

Safety and Training:

If the set up is unassisted by our staff it is important that the user and carers are instructed by the prescribing therapist in safe use of the equipment, and also advised that the product should not be soiled or damaged as it may have to be returned and supplied to another client.

Components cannot be trialled in positions where bodily fluid may contact the items. In cases where this does happen you will be required to purchase the trialled item/s. This is also to ensure the health and safety of our inwards team who process any returned trial items and to maintain infection control.

Trial Period:

The prescribing therapist needs to clearly communicate with the user and carers about the trial period and if they have any problems with the equipment; e.g. not fit for purpose or not functioning as expected, that they must inform the therapist immediately in case the equipment needs to be swapped out, repaired or uplifted. Normally a trial period is 5 working days – enough to ascertain the suitability of the equipment, however; complex sleep systems can be trialled for 10 days. Some items may be able to be left with the client for final purchase if successful, but otherwise we would appreciate them being returned promptly in consideration of other clients waiting for them.

Trial Duration Extensions:

These can be requested if an appointment to set up is delayed or rescheduled. Trial extensions may also be requested if a client hasn't had reasonable opportunity to trial the equipment provided. This is granted by Medifab on a discretionary basis. 20 working days is the maximum allowed trial period, after which a quotation may be issued requesting purchase application to be made for the equipment.

Trial Returns

1. All returns arranged and paid for by Medifab must have a returns ticket printed and placed on all packages. This will be emailed to you after we have processed our returns form online which can be found at www.medifab.co.nz/trial-returns
2. All items coming back to Medifab must be correctly packaged to ensure safe transport of item.
3. If a return coming back to Medifab includes more than one client's equipment or multiple orders, applicable paperwork for each order must be included in the box to ensure timely processing of your return.
4. Any return coming back to Medifab arranged by your own courier must have applicable return paperwork. Trial returns from rural areas (for ACC clients or where Medifab is arranging returns) must be dropped back to an approved drop off point for courier collection. Medifab will not take responsibility for directly contacting clients in rural areas to arrange collection.
5. Any return coming back to Medifab must be clean and in a resaleable condition. Medifab reserves the right to reject a return that has the following;
 - No paperwork,
 - Ripped,
 - Soiled,
 - Broken,
 - Part(s) missing,
 - Extra unaccounted items.
6. If your items do not meet the above Terms and Conditions Medifab reserves the right to do the following:
 - Send the item(s) back
 - Ring sender for further information
 - Elevate to the funding body
 - Charge applicable party for damaged items

Please visit www.medifab.co.nz/trial-returns to log a return in our system. For terms and conditions, please visit www.medifab.co.nz/equipment-trials



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