

Pressure Care equipment

These products are currently available commercially. This list is of products that are currently known to The Spinal Unit and is not an exhaustive list.

Currently in use

Product	Company	Purpose	Cost	Pros	Cons	Transferability	Infection Control	Level of Pressure Care
Backs:								
Vicair Academy Back Cushion, Elite Air cushion and Flexi Back Cushion Off the shelf product.	Invacare	Pressure Care for back. Can be customised to provide "spot relief" on compromised area.	£377.00	Promote full pressure relief whilst giving excellent support. Promote air flow whilst minimising heat generation. Minimal maintenance. Multi function back can be used on all types of backrests. Flexi back can only be used with a Flex Backrest. Can be used for healing management of category 4 p/ulcers. In stock on unit.	Cost of equipment? Canvas backs need back shell added (e.g. Matrix).	Yes - Needs to be ordered via local Wheelchair services.	Yes - All aspects can be cleaned as per SDH policy.	High
Arms / Feet:								
Foam, viscose foam, memory foam Bespoke item	Medical Engineering	Items can be made for any pressure relief needed on the body	Dependent on size and materials used – Small number in stock for assessment.	CM40 Foam with Sunmate visco foam layer considered fit for spinal purpose. Can be cut / modified to size. Reusable.	Needs covering. Dartex cover (essential for infection control) may promote heat generation (moisture on skin). Only obtainable from Medical Engineering.	Yes – can be used between patients Can be used in the community Needs to be ordered via	Yes - with Dartex covering only. Can be cleaned as per SDH Policy.	Low / style="color: yellow;">Medium

						local Wheelchair services.		
Medical Sheepskin Off the shelf product.	BES Rehab Ltd / Medical Engineering	Can be used on arm rest, foot plates to relieve pressure	From £170 for full sized fleece. Can be cut to size.	Promote some pressure relief whilst giving moderate support. Promotes air flow whilst minimising heat generation. In stock on unit.	Risk of ruckling. Tight material – higher interface pressure if pulled tight (for example if used on contoured armrest). Can slide downwards if used on backrest.	Yes - Can be used in the community Needs to be ordered via local Wheelchair services.	No - Single patient use Machine washable (high temps) = washable up to 50 times.	Medium
SynerGel Gel pads (Various types available) Off the shelf product.	Gel Ovations	Can be cut to size for arm rest, footplates etc	£93.75 a 20" x20" sheet Individual items from £28.00.	Can be cut to size Re – useable. Minimal heat generation. Can be used with Dartex or material covering.	When cut, - edges are sealed with chalk. Not good for spasm.	Yes - Can be used in the community Needs to be ordered via local Wheelchair services.	Yes -All aspects can be cleaned as per SDH policy.	Medium / High
Flo Lite Gel pads Off the shelf product.	Gerald Simonds / Sunrise Medical (Jay Fluid Pads) Invacare (Fluid Sac)	Small gel pads for spot areas i.e. armrests.	Jay = £29.70 Invacare = £36.30	Excellent pressure redistribution. Wipeable and reusable. Good for shear and friction (spasm)	Slight Risk of puncturing. Will need securing to surface? Not for backrests. Heat generation.	Yes - Can be used in the community Needs to be ordered via local Wheelchair services.	Yes -All aspects can be cleaned as per SDH policy.	High
Roho Adapter pad	Sumed Ltd	Can be used on arm rest, foot plates to relieve pressure Can be cut to size	£80.00	Excellent pressure redistribution. Wipeable and reusable. Good for shear and friction (spasm)	Slight Risk of puncturing. Will need securing to surface? Not for backrests.	Yes - Can be used in the community Needs to be ordered via local Wheelchair services.	Yes -All aspects can be cleaned as per SDH policy.	High

Roho Agility air pad	Sumed Ltd	Can be used on arm rest, foot plates to relieve pressure. Can be used on modified back rest / foam cut out to accommodate this.	£ 42.00	Excellent pressure redistribution. Wipeable and reusable. Good for shear and friction (spasm)	Slight Risk of puncturing. Will need securing to surface? Backrest for inpatient use only, needs modification to accommodate. Maintenance required.	No- Only for Inpatient use. Needs to be ordered via local Wheelchair services.	Yes -All aspects can be cleaned as per SDH policy.	High
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For consideration (none in stock)

Backs:								
Roho Back cushions Recliner and Agility contour. Off the shelf product.	Sumed	Pressure Care for back Recliner cushion supports entire back.	Recliner = £590.00 Agility = TBC	Promote some pressure relief whilst giving moderate support. Promotes air flow whilst minimising heat generation. Only minimises pressure over area / not eliminates this.	? Stability issues. Maintenance is high. Risk of puncturing. Recliner is complete back and seat system. Agility will provide protection mid thoracic spinal stenosis only. New product to market – no experience with it yet.	Yes	Agility Backrest = foam single use only? The cover and air insert can be cleaned as per SDH policy.	High
Arms / Feet:								
Stimulate honeycombed sheets Bespoke item	Medical Engineering	Can be cut to size for arm rests, foot plates etc	From £70 a sheet. Dependent on size	Can be cut to size Re – useable Minimal heat generation.	Needs covering. Unable to use Dartex covering. Machine washable. ? effective in smaller size.	Yes	Yes = single use only Machine washable (low temps)	Medium

					Only obtainable from Medical Engineering.			
Intelligel / Gel Lite Bespoke item	Medical Engineering	Can be cut to size for arm rests, foot plates etc	TBC Dependant on size	Can be cut to size Re – useable Minimal heat generation. Can be used with Dartex or material covering. Good for spasm.	Needs covering. Only obtainable from Medical Engineering.	Yes	Yes – single use only if material cover. Reusable if Dartex covering.	High
Acton Gel Off the shelf product.	Sumed / Radcliffe Rehab	Can be cut to size for arm rest, footplates etc	From £147.50 a sheet	Can be cut to size Re – useable Minimal heat generation. Can be used with Dartex or material covering.	When cut, - edges are not sealed. Not good for spasm.	Yes	Yes	Medium / High