

# Carbonlite

Medical Technology

## Leading innovation for the prevention of postural injury to NHS staff



Award-winning, ergonomic solutions to reduce spinal posture stresses and RSI to NHS healthcare staff. Back pain accounts for approximately 40% of all sickness and absence in the NHS resulting in a cost in the region of £400 million each year.

### 10 YEARS OF INNOVATION

We are committed to developing innovative products focused on addressing and eliminating safety issues for patients and healthcare staff.

Carbonlite Medical Technology collaborates with healthcare professionals to identify issues leading to the design, development, manufacturing and selling of a variety of innovative, cost-effective medical products and services.

It is our goal to help address critical problems facing the healthcare industry: the safety of patients and employees.

For example, in 2005 we started a project with Norfolk PCT to create a lightweight folding stool for community nurses. This stool, the Norwich Back PAL Kneeling Stool™ quickly received high acclaim and national awards for its design and the use of innovative materials.

We value and rely on the expertise of manual handling advisors, nurses and healthcare professionals to help guide our product development efforts and we are committed to ensuring patient, staff and workplace safety.

### TRIALS AND DEMONSTRATIONS

If you are interested in a trial or demonstration of our unique equipment, please email us with details of your hospital/location and we will immediately let you know the availability and information. Our website has updated product information and prices together with demonstration videos.

[www.carbonlite-medical.com](http://www.carbonlite-medical.com)



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We accept NHS purchase orders

Order Value	Delivery Charge
£1 - £300	£15.00
£301 - £1000	£25.00
£1001 - £5000	£45.00
£5000 +	£65.00

All prices plus VAT

## Cambridge Portable Limb Support

The Cambridge Portable Limb Support is a folding, height adjustable leg support that positions the limb for the comfortable and easy application of dressings reducing postural stresses for healthcare workers.

It can be utilized within the patient's home or within hospital/clinic environments to position the leg so that it is comfortable for both the patient and healthcare worker (reducing postural stresses) with the additional benefit of enhanced and effective infection control.

The limb support cradles the leg or arm so that the nurse/carer has both hands free to dress or treat the limb.

*"The staff who have tried the Cambridge Portable Limb Support with patients have found it very beneficial and the patients have told us that it is much more comfortable too"*

AM, NHS Clinical Ergonomics Advisor

- Adjustable height range: 28cm - 48cm
- Max weight capacity: 70kg
- Weight: 2.4kg
- Folds for easy portability
- Stainless steel construction
- Includes 20 disposable covers
- Designed and manufactured in the UK
- Warranty: Lifetime



**Cambridge Portable Limb Support : Price £195.00**

Pack of Disposable Slings (20) : Price £6.95

Carry Bag : Price £25.00

**Product Code: CPL-120**

Product Code: CPCC-100

Product Code: DCLS-120

## Zurich Kneeling Mat

Kneeling Mat designed to provide comfort for healthcare workers whilst working in a kneeling posture.

The Zurich Kneeling Mat reduces pressure on the knee joint to prevent pain and injury.

- Dimensions: 35cm x 25cm x 1cm
- Weight: 250g
- Max weight capacity: 200kg
- Moulded closed-cell foam
- Active Bacterial Protection
- Excellent infection control properties
- Flame retardancy: BS4735 and FMV:SS302
- Manufactured in the UK
- Warranty: Lifetime



**Zurich Knee Mat : Price £23.50**

**Product Code: ZKM-120**

## Norwich Back Pal Kneeling Stool

A kneeling Stool designed to improve spinal posture and prevent lower limb musculo-skeletal stresses.

The Norwich Back Pal Kneeling Stool is a multi-award winning product for people who need to adopt a static kneeling posture during aspects of their work.

Originally designed in Norwich for District Nurses, it is compact (with folding legs), lightweight and easy to clean. Its use prevents the user's body weight compressing their lower limbs - whilst the gently sloping seat helps to promote a more upright spinal posture when performing tasks between waist and chest height.

"... it certainly has been improving the working lives of district nurses here in Norwich." Occupational Health Nurse Manager, Norfolk PCT

It is also suitable as a domiciliary stool for podiatry and is used by NHS podiatrists.

- Seat Dimensions: 50cm x 18cm
- Angled Height: 19cm (front) to 22cm (back)
- Weight: 1.6kg
- Active Bacterial Protection (inc MRSA)
- Excellent infection control features
- Folding legs for easy portability
- Non slip legs
- Carrying Capacity: 130kg (20 stones)
- Flame retardancy: BS4735 and FMV:SS302
- Designed and manufactured in the UK
- Warranty: Lifetime



**Norwich Back Pal Kneeling Stool : Price £145.00**

Carry Bag : Price £25.00

**Product Code: BPKS-120**

Product Code: BPCC-100

## Leg Ulcer Ergo Kit

Designed to improve spinal posture and comfort for the application of leg ulcer dressings.

Kit Includes:

- Norwich Back Pal Kneeling Stool
- Zurich Kneeling Mat
- Cambridge Portable Limb Support
- 1 pack of disposable covers
- Carry Bag

The Leg Ulcer Ergo Kit provides a complete solution to prevent postural stresses to District Nurses whilst applying leg ulcer dressings within the patient's home - offering a comfortable experience for the patient and with the additional benefit of enhanced and effective infection control.



**Leg Ulcer Ergo Kit : Price £399.00**

Pack of Disposable Slings (20) : Price £6.95

**Product Code: CNE-100**

Product Code: CPCC-100

## Adaptive Arm Pal Block

This is a unique, three-sided, cushioned block that supports the scanning arm or elbow of the sonographer at 5 different heights.

The block rests on the side of the scanning couch next to the patient. The 5 available heights allow the sonographer to rest their arm or elbow on the block and adapts to the different sizes of patient and for different procedures.

It is generally agreed that prolonged abduction of the scanning arm contributes to the risk of work-related shoulder and neck injuries that cause RSI, pain and reduces the working lives of sonographers. This is an issue that affects sonographers worldwide.

This simple, ergonomic solution provides muscle recovery opportunities for the sonographer or other professionals required to hold a fixed position during their work.

We are committed to creating ergonomic solutions for sonographers and have undertaken extensive research and development to create the correct specification for this effective product.

- 3 Armrest heights: 9cm / 15cm / 28cm
- 2 Elbow rest heights: 12cm / 18cm
- Removable Cover: Anti-microbial vinyl
- Cushioning: High-density foam
- Colour: Blue / Yellow
- Warranty: 3 years
- Patent Pending



**Adaptive Arm Pal Block : Price £82.50**

**Product Code: SAP-100**

## Mobile Emergency Privacy Screen

Our privacy screen is one of the lightest weight screens on the market. Lightweight, durable and available in 2, 3, or 4 panel sizes.

The fabric is made from polyester with a UV resistant PVC coating that is anti-bacterial and flame retardant (CPA1-84). Suitable for the NHS including ambulance and paramedic use or in any public building to provide privacy in an emergency health related situation. The configuration makes it easy to attach additional panels using hook and loop straps. Set-up is simple using stainless steel rods that snap into place.

Screens roll up for ease of transport and storage using hook and loop straps to secure. Nylon handle is attached to screen frame eliminating the need for a case. Each panel is constructed with aircraft grade aluminum tubing and weighs only 2.1kg (4.7 lbs).

Dimensions of each panel:  
Height: 158cm (62")  
Width: 86cm (34")



**Mobile Privacy Screen with 2 Panels : Price £259.00**

**Product Code: HMPS120/2**

**Mobile Privacy Screen with 3 Panels : Price £319.00**

**Product Code: HMPS120/3**

**Mobile Privacy Screen with 4 Panels : Price £389.00**

**Product Code: HMPS120/4**

## Portable Telescopic IV Stand

Unique telescopic portable intravenous stand with a wide variety of applications. Ergonomically designed and engineered, it can be removed from the carry case and set up in seconds. The 3 feet fold flat and the pole length is telescopically adjustable.

Weighing only 2kg, it is very portable and also reduces the need for large storage spaces.

- Bottle holder: 2 hooks
- Telescopic height adjustment
- Regulating range: 83cm - 178cm
- Tube diameter: 2cm / 1.5cm / 1.1cm
- Base diameter: 68cm
- Folded size: 70cm x 10cm x 10cm
- Total load capacity: 4kg
- Weight: 2kg
- 3 folding feet with rubber grips
- Designed and manufactured in the EU
- Colour: black
- Carry case included

Suitable for home IV therapy plus its compact size makes it ideal for travel.



**Portable Telescopic IV Stand : Price £95.00**

**Product Code: I-H84132**

## Oslo Stool 2

A new version of our popular low height adjustable gas-lift stool for hospital and clinic environments. Now has a contoured Polypropylene seat for improved comfort and infection control. This new design of compact stool weighs only 2.5kg for easy portability and is available with or without a backrest.

The stool adjusts to a much lower height than all other stools providing a comfortable seat when needing to work at a low height.

- Seat height range: 33cm to 41 cm (other heights available)
- Ergonomic contoured seat
- Easy clean Polypropylene seat
- Gas lift seat height adjustment
- Seat width : 43cm
- Seat depth : 35cm
- Weight: only 2.5kg (without backrest)
- Gliders for improved stability (castors optional)
- Seat colour: Silver



**Oslo Stool 2 : Price £155.00**

**Product Code: LGL300**

Optional Back Rest : Price £25.00

Product Code: LGL/BR

Optional Castors (instead of gliders) : Price £10.00

Product Code: LGL/CT