



STATIC MATTRESSES



ROTATIONAL MATTRESSES



AIR MATTRESSES



CUSHIONS



BEDS



BARIATRIC

Product Brochure

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Mediform

High Density Static Visco Foam Mattress.

The Mediform provides an elevated level of pressure relief as the foam conforms to the body shape, doubling the surface contact area.



MEDIFORM FEATURES

- Visco elastic foam
- Suitable for patients at very high risk of developing pressure ulcers (Waterlow 20)
- Polyurethane cover reduces the risk of shear and friction
- Customised sizing available

Medigel

The Medigel moulds to exact contours of the body, actively re-distributing the patient's weight, doubling the surface contact area.

It also includes a specific gel heel section.

High-density gel infused temperature sensitive visco elastic foam.



I-Kool Gel

MEDIGEL FEATURES

- Visco elastic foam infused with I-Kool gel
- Gel therapy for heels
- Suitable for patients at very high risk
- Polyurethane cover reduces the risk of shear and friction
- Customised sizing available

Simplex Auto

A fully automated pressure mattress replacement technology that automatically adapts to patient's weight and profile.

The Simplex Auto relieves more pressure, more often than any other mattress in its category.

Automatically stays inflated for 21 days in the event of a powercut.



Automatically regulates and self-adjusts to the patient's weight with minimal user input

SIMPLEX AUTO FEATURES

- Single touch system set up
- Automatically adapts to patients weight
- Automatically adjusts to patients profile
- Polyurethane cover reduces the risk of shear and friction
- CPR mode
- Customised sizing available
- Suitable for patients for up to, and including, grade 4 pressure ulcers
- Automatically stays inflated for 21 days in the event of a powercut
- Inbuilt Tilt Sensor also detects when bed is profiled and ensures extra air is applied to protect from bottoming out.

MediAir

Advanced Alternating Therapy for Enhanced Pressure Relief.

The MediAir alternating air mattress is a clinically proven pressure relieving mattress suitable for patients at very high risk and caters for all grades of pressure ulcers.

Automatically stays inflated for 21 days in the event of a powercut.



MEDIAIR FEATURES

- Enhanced pressure relief due to shorter cycle times of 5-20 minutes
- One touch max inflate
- Polyurethane cover reduces the risk of shear and friction
- CPR mode
- Simple and easy to use control unit
- Maximum user weight 180kg
- Automatically stays inflated for 21 days in the event of a powercut
- Customised sizing available
- Suitable for up to, and including, grade 4 pressure ulcer
- Inbuilt Tilt Sensor also detects when bed is profiled and ensures extra air is applied to protect from bottoming out.

Pro2000XT

The PRO 2000XT has the lowest interface pressures on the market.

The PRO 2000XT caters for all grades of pressure ulcers in a mattress replacement or overlay system.

Automatically stays inflated for 21 days in the event of a powercut.



PRO2000XT FEATURES

- Alternates every 30 seconds
- Control Unit – High airflow blower (1833 litres per minute) provides static and alternating therapy
- One touch max Inflate – Inflates mattress to its maximum firmness in less than 30 seconds
- CPR –allows deflation in 10 seconds
- Alarms – Audio and visual
- Polyurethane cover reduces the risk of shear and friction
- Customised sizing available
- Suitable for up to, and including, grade 4 pressure ulcer
- Automatically stays inflated for 21 days in the event of a powercut
- Inbuilt Tilt Sensor also detects when bed is profiled and ensures extra air is applied to protect from bottoming out.

Q-Pro2000XT

The Q-PRO2000XT caters for all grades of pressure ulcers in a mattress replacement or overlay system.

The Q-PRO2000XT has out-performed its main competitors in laboratory evaluations such as Interface pressure and skin tissue perfusion measurements. As well as these physiological measurements the Q-PRO2000XT has excellent evidence based patient outcomes.

Automatically stays inflated for 21 days in the event of a powercut.



Q-PRO2000 FEATURES

- Designed for the most complex of cases
- The Q-Pro2000XT is now more eco friendly, using much less electricity to operate.
- The upgraded pump now operates on a much lower audible range making it virtually silent.
- CPR – Quick release allows deflation in 10 seconds.
- Patient Weight – Suitable for patients weighing up to 180 kg.
- Alarms – Audio and visual.
- Requires 93% less electricity to operate.
- Offers alternating times as low as 60 seconds up to 20 minutes, increasing in 60 second intervals.
- Suitable for very high risk patients.
- Automatically stays inflated for 21 days in the event of a powercut
- Suitable for up to, and including, grade 4 pressure ulcer.
- Inbuilt Tilt Sensor also detects when bed is profiled and ensures extra air is applied to protect from bottoming out.

Medicare

The Medicare is a high specification therapeutic support surface that can be converted to an alternating therapy system by adding a discreet pump to deliver additional levels of pressure relief. There is no need to order a new mattress, move or transfer the patient, thereby minimising any discomfort. This reduces the manual handling for the caregivers and immediately starts the necessary clinical intervention when required.



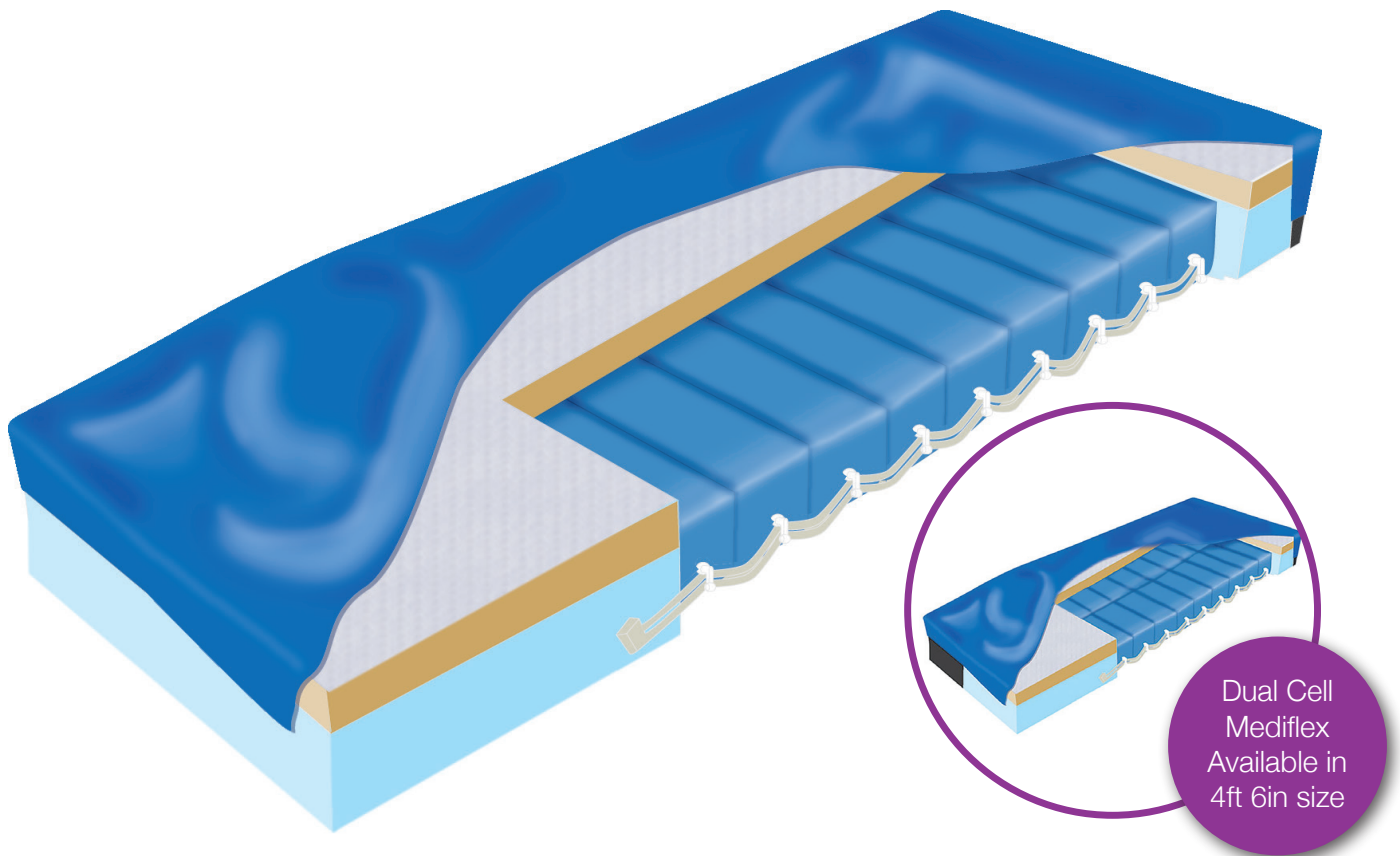
MEDICARE FEATURES

- Connect light weight pump to convert into alternating Therapy.
- Castellated foam moulds to each individual patient, increasing pressure relief.
- Suitable for up to, and including, grade 4 pressure ulcers
- Moulded Air Channels
- Automatically alternates cells every 6 minutes when compact pump attached
- A layered air cell construction within the support surface allows the static system to perform alternating therapy.

Mediflex

A dual therapy self-regulating non powered mattress which can be upgraded to a full alternating air system with the addition of a pump

Advanced controlled release valve system allowing pressure changes to occur slowly. The system has the flexibility to reconfigure and re-inflate itself.



MEDIFLEX FEATURES

- Dual Therapy
- Use as a self-regulating non-powered mattress
- Use as a powered alternating system
- I-Kool gel infused Visco elastic top layer
- Gel therapy for heels
- Polyurethane cover reduces the risk of shear and friction
- Customised sizing available
- Suitable for patients at very high risk with up to grade 4 pressure ulcers

Mediflex Trolley Topper

Our advanced controlled release valve system allows pressure changes to occur slowly to maximise pressure relief and comfort for the patient whilst in the A&E environment.



MEDIFLEX TROLLEY TOPPER FEATURES

- Cover is multi-stretch polyurethane, and positively helps to reduce shear and friction forces.
- Dissipates heat and moisture.
- 10,000ppm chlorine resistant.
- Avoids a 'hammock effect'.
- Hydrolysis resistance 1+ year
- The only fire retardant cover currently available in the world which is Oeko-Tex Class 1.
- High weld strength performance.
- Zip cover also has a toughened PU anti-slip coated base.

MediAir Turn

The MediAir Turn combines alternating pressure relief and rotation therapy in one. The innovative design allows for maximum pressure relief along with assisted repositioning.

Automatically stays inflated for 21 days in the event of a powercut.



MEDIAIR TURN FEATURES

- Designed for the most complex of cases
- Alternating therapy
- Rotational therapy
- Customised sizing available
- CPR
- Polyurethane cover reduces the risk of shear and friction
- Automatically stays inflated for 21 days in the event of a powercut
- Suitable for up to, and including, grade 4 pressure ulcer
- Inbuilt Tilt Sensor also detects when bed is profiled and ensures extra air is applied to protect from bottoming out.
- Rotation automatically shut off when bed profiled above 35 degrees for patient safety

MediAir Turn Sense

Alternating rotational therapy with in-bed mobility monitor for effective and documented pressure care management. The MATS technology can be used to empower and encourage mobility goals.

Automatically stays inflated for 21 days in the event of a powercut.



MEDIAIR TURN SENSE FEATURES

- Designed for the most complex of cases
- Alternating therapy
- Rotational therapy
- CPR
- Polyurethane cover reduces the risk of shear and friction
- In-bed mobility monitor
- Monitors/records patients self-movement
- Monitors / records assisted movements
- Automatically stays inflated for 21 days in the event of a powercut
- Suitable for up to, and including, grade 4 pressure ulcer
- Offers independent customization of left and right rotation tilt angles for complete control of patient care
- Inbuilt Tilt Sensor also detects when bed is profiled and ensures extra air is applied to protect from bottoming out.
- Rotation automatically shut off when bed profiled above 35 degrees for patient safety

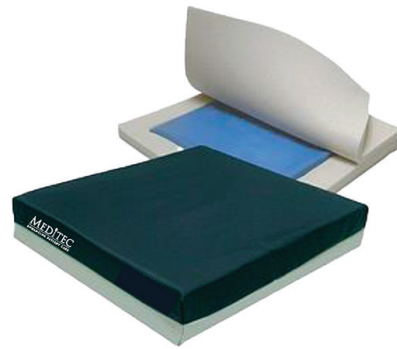
CUSHIONS

Air Alternating Seated Mattress



- Head to heel chair pad delivering treatment continuously around the clock, whether lying in bed or sitting up
- Providing alternating therapy for patients out of the bed
- Connects easily to a number of eligible pumps (please enquire further for suitability)

Medigel Cushion



- I-Kool gel infused Visco elastic foam.
- Polyurethane cover reduces the risk of shear and friction
- Available in custom sizes.

MediFloat Cushion



- Fast acting temperature sensitive memory foam
- Works to reduce pressure by moulding to the exact contours of the body
- Unique airtayer prevents skin maceration by dissipating heat and moisture between the body and the foam
- Enhanced user comfort
- Reduces the risk of shear and friction to those at risk of developing pressure ulcers
- Aids moving and handling
- Standard/special sizes available
- Non allergenic

Alternating Air Cushions



- Alternating Air Cushions are also available to compliment a number of our products, ensuring maximum protection both in bed and whilst seated.
- These products can be provided in tandem with a mattress, as both cushion and mattress are interchangeable, or as a standalone option inclusive of cushion and pump.
- Please enquire further for our full list of available options.

E1002 Bed



- Electric variable height from 29 to 82cm
- 2-part sleeping surface, mattress platform with Hi-Tech plastic slats for a better comfort (option: wooden slats)
- Electrical back rest
- Manual leg section (Euro 1000 beds)
- Electrically operated leg section with knee-break (Euro 1002)
- Handset with key lockable
- Epoxy coated metalwork in beige (RAL 1015) - other colours available
- 2 lifting or IV pole supports
- 4 castors Ø100 with brakes
- Dismountable in 3 parts
- Bed designed with an integrated trolley so easy to mount and dismount by one person

Ultra Low Bed - Euro 03802



- Electric variable height from 21 to 76 cm.
- Electrical back rest.
- Electrically operated leg section
- 2-part sleeping surface, mattress platform with High-Tech plastic slats (option: wooden slats).
- Handset with key lockable.
- Epoxy coated metalwork in beige (RAL 1015) - other colours available.
- 2 lifting or IV pole supports.
- 4 Ø75 castors with brakes.
- Many options available: central castor braking, CPR function, auto-regression back rest, etc.

Dual Sleeping Surface Bed - E3002



- 2 independent sleeping surfaces
- 4 section electric profiling bed
- Available in widths of 140, 160, 180cm
- Height adjustable sleeping platform from 36 to 72cm
- Maximum safe operating load 400kg (of which each patient weight is 135kg)
- Lifting pole optional extra
- 5 year warranty

Majestic Bed



- 4 section electric profiling bed
- Cross section support provides superior stability
- Sleeping surface 90 x 200cm
- Height adjustable sleeping platform from 29 to 82cm
- Four independently braked castors
- Maximum patient weight 135kg
- Wooden surround and lifting poles available as optional extras
- 5 year warranty

Paediatric Bed



- 4 section electric profiling bed
- Sleeping surface 70 x 170cm
- Height adjustable sleeping platform from 30 to 82cm
- Four independently braked castors
- Maximum patient weight 95kg
- Lifting pole - optional extra
- 5 year warranty

BARIATRIC

Fortissimo Medical Bed



- Electric variable height: from 33cm (13") to 81cm (32")
- 5 sizes: 90cm (3'), 110cm (3'6"), 120cm (4'), 140cm (4'6") and 160cm (5')
- Manual leg section compatible to fit an actuator for electrically operated leg section with knee break
- 2-part sleeping surface, mattress platform with High-Tech plastic slats up until 140cm wide beds
- Optional wooden slats for beds up to 120cm wide or Epoxy coated metal grids
- Bariatric folding side rails
- 4 Ø100 plastic castors with independent brakes
- Handset with key lockable
- Epoxy coated metalwork in beige (RAL1015) - other colours available
- 2 lifting or pole supports
- Optional central castor braking

GerroBed Flex



- Max. Patient weight: 400kg
- Bed Weight: approx. 230kg
- Height adjustment: electrically 46 - 87cm
- X-Ray cassette holder
- X-Rayable backpart
- Lateral tilting electric, up to 17°
- Trendelenburg/ATR electric quick function
- Easy get in/off position electric quick function
- CPR button
- Manual CPR lever for torso on both sides of the bed
- Cardiac chair positioning electric quick function

Bari-Float (with Airlayer™)



- 317kg (50 stone) Capacity
- Highest density visco elastic in the market, i.e. optimum pressure reduction
- Airlayer provides patients with continuous air circulation between the body and the foam
- Increase patient comfort
- Available in chair cushion

Bari-Med



- 240kg (37 stone) capacity
- Width 48"
- Cell Height 10"
- 2 Therapy modes - Static & Alternating.
- Auto Firm made aids nursing procedures.
- Ideal for treatment and prevention of pressure ulcers
- alternating period 5-20 minutes selectable

Nouméa Fortissimo



- Shower chair with Ø100 wheels, 2 braked castors at the rear
- Retractable armrests
- Swinging and adjustable foot rest with polypropylene slats
- Non tilt castor on the foot rest
- Wide version (seat width 55 cm)
- Weight - 250kg

TA 3942 Fortissimo



- 4-wheel bariatric rollator with padded seat and removable back rest
- Adjustable height
- Lockable brakes
- Lightweight and sturdy frame

BARIATRIC

Candy 800 Fortissimo



- Height adjustment commode chair, fixed arm rests, large commode chair suitable for people up to 300kg
- Width - 80cm
- Standard upholstery
- 2 handling wheels
- Removable seat
- Ergonomic commode pan with lid
- Commode pan can be removed from the top, bottom, left or right hand side

Bariatric Quiego 1000



- Relaxing armchair with fixed back rest and removable/adjustable arm rests.
- Maximum patient weight : 400kg
- Fixed Height
- 2 handling wheels
- Independent and removable head support
- Optional leg rest: Quiego 7500 manual

Bariatric Quiego 1500



- Fixed height
- Reclining back rest
- Wide removable and adjustable armrests
- Adjustable independent and removable head support
- On feet synchronised back rest and leg rest
- Adjustable foot rest
- Epoxy paint coating and M1 non-fibre upholstery Seamless seat and back rest
- High resilience foam: 40 kg/m³

Angelo 100 XL



- 2-wheel walking frame
- Adjustable height
- Foldable
- Size XL

Rental

It is our commitment that you will have the correct piece of equipment on hand where and when you need it (in accordance with your contract agreement). We will respond rapidly to meet your needs and those of your patients.

SERVICES INCLUDE:

- Installation on site of every piece of equipment ordered.
- Decontamination between each rental
- Regular in service training
- Pre testing and calibration of every product before rental
- Rental helpline available 24 hours a day 365 days a year.
- Tracking and tracing

If you need a product delivered, collected, or if you need in service training, we are on hand to provide whatever it is you need.

MEDITRACKER

Meditracker is a comprehensive bespoke software package designed to track and trace all equipment in use and in stock. The system utilises specialised bar coding on our products and through the use of our scanning equipment all call and data are logged and fully traceable from beginning to end.

THE MEDITEC TEAM - PART OF YOUR TEAM

“Partnership” is a term much overused, and misused. At Meditec Medical we live up to our association with our customers. We do this by providing premium products at competitive rates. We add value to our clients, we support and assist them, we dedicate ourselves to meeting their needs.

OUR SERVICES INCLUDE:

- Regular service visits, at agreed times, and intervals
- Installation of new products
- Decontamination of products
- On going staff training
- 24/7 service delivery
- Pre installation tests, checks, and calibration.

Maintenance

Meditec Medical is synonymous with quality innovative medical equipment and supported by a first class service, maintenance and decontamination programme. We at Meditec will ensure that all our customers are provided with a preventative maintenance programme to suit all their product needs adhering to basic principles:

- Maintaining the high quality of all our products
- Following a strict Infection Control Policy to enhance patient care

All repairs can be carried out on site or at our workshop depending on the nature of the work involved. We can provide a service repair for:

- All our products
- Competitors air products
- Electric beds
- And all other patient handling equipment

We keep a full range of spare parts and can test and calibrate products when required.

All equipment and products adhere to a validated Infection Control Protocol following a visual inspection for condition of wear and tear:

- Tears and damage
- Staining
- Security fixing straps
- Retaining loops
- Tubing
- And all foam defects

All equipment complies with a full decontamination service adhering to strict principles and guidelines under the watchful eye of our dedicated and trained staff.

SERVICES

Training/Education

All staff are comprehensively trained on the skills set required for competent delivery of their role responsibilities.

Upon awarding of any Contract/Business, training is completed with the relevant employees who will be responsible for the delivery of said contract/business.

Administrative Support & Management Reporting

Meditec Medical is committed to the continuity and reliability of service delivery.

The Meditracker Management System is used to place control systems on any required methods, indicators and timelines, corrective action, review meetings. These measurements are customer specific. Meditracker allows the Managers, Representatives and Operatives to have an ongoing up-to-date overview of all aspects of service delivery at any given time. The Customer Service team is experienced and trained to understand the importance of accurate and timely fulfilment of all customer orders.

Research & Development Facilities

The senior management of Meditec Medical are engineers and, as such understand the importance of technology and research and development to the process of preventing the development of pressure ulcers. The R&D process in Meditec Medical incorporates innovation, engineering and design.

Because we are the designers and manufacturers of our products, our team of engineers can quickly respond to the needs of Irish patients, clinicians and health care facilities in order to ensure that our support surfaces absolutely meet the needs of the Irish marketplace.

We work in partnership with third level institutions domestically and internationally.

The R & D facility at Meditec Medical is driven to design products, supported by clinical evidence, that will support healthcare professional in enhancing patient care. The design of electronic medical products involves harnessing internal intellectual property, researching the latest innovations in electronic components, performing component tests, simulating new circuits, procurement, designing custom circuit boards, and the assembly of prototypes. If the product involves a mechanical element, that work also follows a parallel path. Extensive testing on the prototypes is carried out, based on the product requirements and applicable regulations, followed by revisions to the design, and further prototypes, depending on the complexity of the product.

Field testing plays an important role in the development process especially in the case of pioneering new class 1 medical products. Most of Meditec Medical products employ electronic devices as a microcontroller, which require the development of software, in order to operate. Meditec Medical develops this software in-house. DFM (Design for Manufacture) is a key element in the design process. During product development and testing, conformance to DFM standards is assessed through the early involvement of manufacturing engineers.

In accordance with industry control procedures, progress and changes are documented in order to allow improvements, test

results, etc., to be recorded formally. Realisation of an interim version, i.e. a working prototype is an important part of product development. Once a prototype has been qualified, i.e. has met all the functional, testing, and certification requirements, it can be released for manufacturing. Meditec Medical products are generally designed to meet standards such as EN60335, EN60601 and class 1 medical device, as well as industry-specific ISO standards.

All products undergo a rigorous and comprehensive functional testing process during the design, development and production phase, as well as a formal test procedure during the manufacturing phase. This guarantees that the functional specifications are met, and that the product is ready and fit for its application. Electronic circuits are both sensitive to electrical interference ("susceptibility"), and can in their own right cause interference ("emissions"). There are regulations that apply to both these cases, generally known as EMC (Electromagnetic Compatibility) regulations. Meditec Medical regularly subjects electronic circuits under development to pre-compliance testing, including Susceptibility EMC tests such as ESD (Electrostatic Discharge), Electrical Fast Transient Burst (EFT), High Voltage Impulse, and Emissions EMC tests such as Radio Interference (EMI/RFI), and Current Harmonic Levels (EN61000).

Electronic circuits are often critical elements in larger systems, sometimes controlling very important parameters or devices. These systems need to be safe, even in case of failure, this is covered under numerous standards such as EN60335. In such cases, Meditec Medical performs a thorough safety analysis during development aimed at identifying and eliminating such possibilities.

Products under development are also tested against the requirements of other product and industry standards, as needed. All of our electronic sub-assemblies are manufactured to ISO9001, and are tested to the highest standards. All products are tested to the highest standards during and after manufacture. Each product has a 100% burn in test and is PAT tested when leaving our manufacturing facility.



Meditec Medical, a wholly Irish owned manufacturing company, with headquarters in Dublin, has been designing, manufacturing, and delivering cutting edge technology in the area of pressure relief mattresses, and patient support surfaces. We are driven to the provision of products, supported by clinical evidence, in order that the healthcare professional can enhance patient care.

Meditec Medical is synonymous with quality innovative medical equipment. Today with a host of therapeutic support surfaces we can offer the most complete range of pressure relief surfaces for patients at any risk level, and in any setting. In addition to the provision of products manufactured by ourselves, we constantly seek out overseas manufacturers of premium medical equipment, in order that we can source products consistent with our standards, that will enable us to enhance patient care.