



# **PRIME MEDICAL** llc

***CLINICALLY DRIVEN INNOVATION***

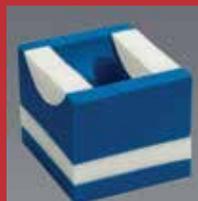


## **SURGICAL PATIENT POSITIONERS AND ACCESSORIES**



# PRIME MEDICAL<sup>llc</sup>

PRIME MEDICAL SURGICAL SOLUTIONS





# PRIME MEDICAL<sup>LLC</sup>

## **CLINICALLY DRIVEN INNOVATION**

Prime Medical, LLC was formed in 2012 by a group of individuals with diverse backgrounds in medical and surgical devices who have a passion for innovation with patient focus. Prime Medical's products are developed through collaboration with a variety of clinicians, including surgeons, anesthesiologists, and O.R. nurses. Many of the devices in Prime Medical's arsenal solve patient positioning and safety problems not currently being addressed in the Operating Room. We welcome ideas from all surgical services and applications, as we are constantly developing clinically driven innovation in a wide variety of clinical areas.

Prime Medical, LLC is based in Knoxville, TN and each product in this catalog is proudly made in the U.S.A.

## **SURGICAL PATIENT POSITIONERS AND ACCESSORIES**



**Steep Trendelenburg and Lateral Positioners**



**Anesthesia Positioners**



**Orthopaedic and Spine Positioning Accessories**



**Patient Safety Accessories**



**Pediatric Positioners**



## PRIME MEDICAL SURGICAL SOLUTIONS

# Trendelenburg O.R. Table Pad Series

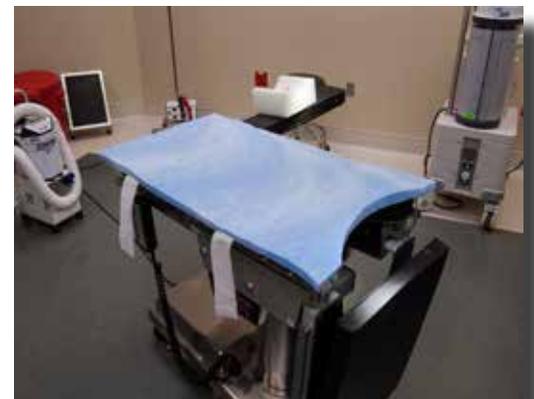
- ✚ For use in any procedure that requires Trendelenburg, Reverse Trendelenburg, or lateral positioning.
- ✚ Provides superior support and stability with a 100% gel-infused, heat wicking foam pad.
- ✚ Evenly distributes body weight along the OR table pad for increased support and stability.
- ✚ Static properties prevent motion transfer even in steep Trendelenburg positioning.
- ✚ Precut to fit the OR table and includes perineal cut-out.
- ✚ Ready for use right out of the package - no cutting, measuring, or waiting.
- ✚ Single patient use due to the dissipation of static properties with each use.
- ✚ Single patient use to aid in infection prevention.
- ✚ Compatible with patient warming devices.
- ✚ Single-packed in rolled form for easy storage.
- ✚ Available in "kits" that include a Patient Body Strap:  
STP100S-KIT1  
STP150S-KIT1

STP100  
Patent Pending



Case Pack : 10

STP100 S



Case Pack : 10



## Providing a Better Way

The Trendelenburg O.R. Table Pad is an innovation in patient positioning, offering patent pending gel-infused, temperature wicking foam with static properties, providing confidence to the surgeon and staff that the patient will remain immobile.

## Instructions for Use

Open package and un-roll STP100 on O.R. Table.

Orient the pad so that the cephalad edge of the pad is even with the cephalad edge of the OR Table. The perineal cutout will also aid in pad orientation.

Lay pad directly on O.R. table and ensure there are no other materials between the STP100 and the O.R. Table, such as draw/lift sheets or other liners.

Maximum patient skin contact with the pad provides the greatest stability for the patient in Trendelenburg positioning. Keep this in mind when positioning your draw/lift sheet if one is used, and minimize the width of sheet that comes into patient contact.

When using a draw/lift sheet, always place it on top of the STP pad so that it will be between the patient and the STP pad. Position the sheet so that it will contact the patient's lumbar spine, and minimize the width of the sheet to maximize the patient's skin contact with the pad while allowing for patient lifting and arm tucking if necessary.

STP100S Only: The built-in table rail straps should be on the bottom side of the pad. Slide the straps downward between the rail and the table, bring them back up and around the outside of the rail, and affix the strap back upon itself securely

Discard after use.



## STP Series - Additional Products

### STP 200/S



STP200/S is 2" thick throughout the entire pad and is ideal for Bariatric surgery and other procedures that require reverse-Trendelenburg positioning.

The table rail straps on the STP200S aid in keeping the pad in place during patient transfer from bed to table.

### STP150 S



STP150S is 1" thick at the perineum to minimize excess material, and "ramps" up to 2" of thickness from the lumbar spine to the top edge of the pad.

Extra thickness is ideal for Trendelenburg positioning for both lighter and higher BMI patients.

The table rail straps aid in keeping the pad in place during patient transfer from bed to table.

### STP100 PED



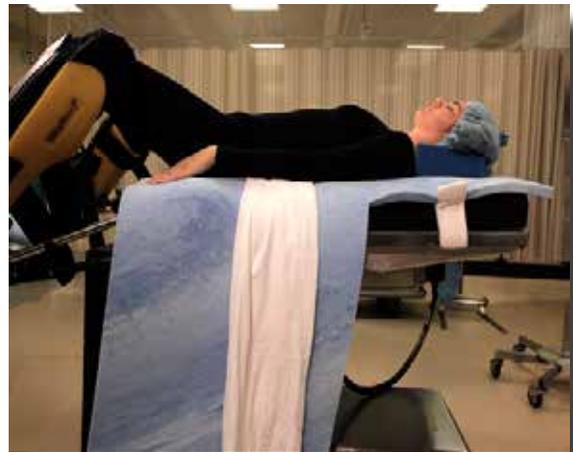


## PRIME MEDICAL SURGICAL SOLUTIONS

# Trendelenburg O.R. Table Pad with Integrated Arm Protection

- Provides all of the features and benefits of our STP100S, with the added feature of integrated arm protection "Wings."
- The integrated arm protection offers patient safety and clinical staff ease of use and convenience in patient positioning for lithotomy/steep Trendelenburg.
- The "Wing" material can be used to either fully encapsulate the patients' arms, or they can be used to simply pad the patients' arms, depending upon hospital protocol.
- Any excess or unnecessary "Wing" material can be removed by simply cutting it.

### STP100S-WING



Case Pack : 4



## Providing a Better Way

The Trendelenburg O.R. Table Pad is an innovation in patient positioning, offering patent pending gel-infused, temperature wicking foam with static properties, providing confidence to the surgeon and staff that the patient will remain immobile.

## Instructions for Use

The integrated arm protection “Wings” can be used in either of the following manners:

- Wrap the patient’s arms in the “Wing” portion of the STP material, and use the draw sheet to secure the arms by running the draw sheet over the arms and back underneath the patient. Ensure that the arms are fully protected and secured prior to surgery.

**OR,**

- Use the “Wing” material as padding for the arms by folding it and placing it along the outside of the patient’s arms to provide full protection. Any excess material can be removed by simply cutting it. Use the draw sheet to secure the arms by running the draw sheet over the arms and back underneath the patient. Ensure that the arms are fully protected and secured prior to surgery.

For STP pads with Integrated Arm Protection:



Wrap the patient’s arms in the “wing” portion of the STP pad, and use the draw sheet to secure the arms by running the sheet over the arms and back underneath the patient. Ensure that the arms are fully protected and secured prior to surgery.



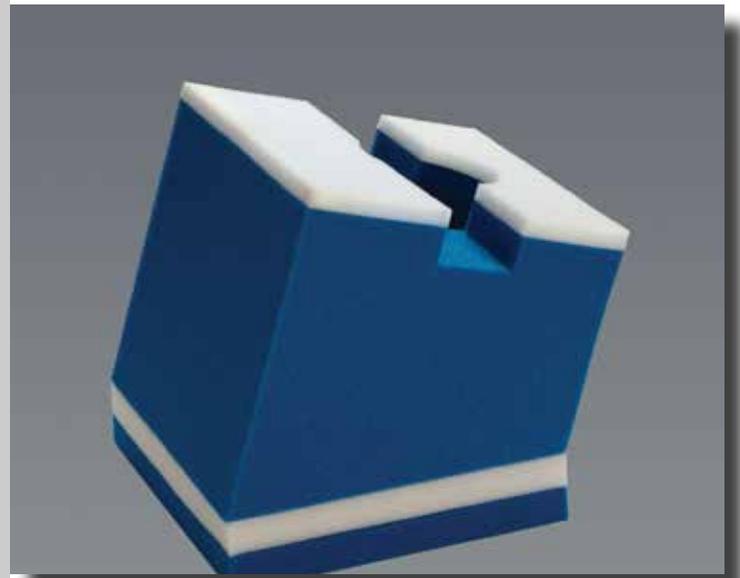


## PRIME MEDICAL SURGICAL SOLUTIONS

# Lateral Positioning Pillow

- ✚ Properly aligns the patient's cervical spine.
- ✚ Channel protects the eye while allowing constant monitoring.
- ✚ Center cutout protects the ear.
- ✚ Pillow angle evenly distributes the weight of the head.
- ✚ Pillow height easily adjusts by removing one or both bottom layers to accommodate each patient.
- ✚ Provides consistency in lateral patient positioning.

LHP-100  
Patent # 8,516,639



**Dimensions:**  
10.5" x 9.5" x 11"  
(Height adjusts to 9" or 10")  
Case Pack : 8



## Providing a Better Way

Consistency and standardization are the keys to patient safety when placing patients in the lateral position. Prime Medical's Lateral Positioning Pillow supports the patient's head for safe, reliable lateral positioning.

This two-part pillow has a firm, adjustable base that is anatomically angled to maintain the cervical spine in a neutral position. The soft-top layer conforms to the patient's face and evenly distributes the weight of the head throughout the lateral procedure.



The central cutout keeps the ear free of pressure. The patented eye channel allows the provider to constantly monitor the eye pressure to ensure it is free from pressure that could result in catastrophic injury.

The tear-away bottom layers afford the provider the ability to adjust the pillow to patients of varying sizes.



A ] Improvised Positioning



B ] Improper Alignment



C ] Proper Positioning

### Reliable Spine Alignment

Careful measurements of patients in the lateral position have demonstrated that the width of the shoulders compared to the hips and use of an axillary roll creates a natural angle of the thoracic and cervical spine relative to the horizontal plane of the surgical bed. Prime Medical's patented Lateral Positioning Pillow reproduces this angle consistently and reliably. Neutral thoracic and cervical spine alignment minimizes the risk of brachial plexus injuries.

**Gone are the days of improvised support of the head in patients positioned laterally!**



## PRIME MEDICAL SURGICAL SOLUTIONS

# Universal Supine/Prone Positioning Pillow

- Properly aligns cervical spine in prone position.
- Use for induction and positioning prone. Adjustable with easy tear-away layers.
- Soft foam provides support and comfort.
- Combines the supine induction head cradle and the prone pillow in a single positioner.

UPSP100  
Patent # : 9,138,087



**Dimensions:**  
**9" x 8" x 6.5"**  
(Height adjusts to 4" or 5.25")

Case Pack : 10



## Providing a Better Way

The bottom two layers can be removed so the pillow can be used in the supine position for induction. This all-in-one characteristic replaces the need for two pillows, and provides cost savings to both hospital and patient.

## Instructions for Use

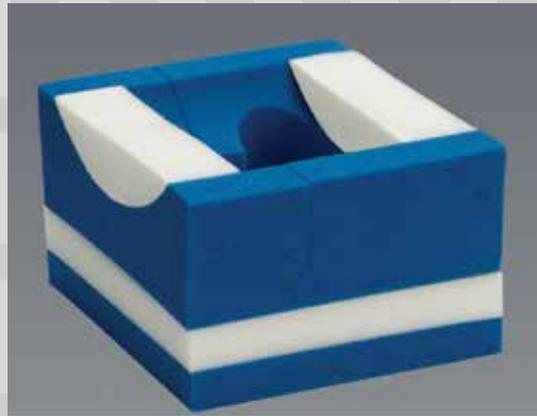
Key issues when positioning patients prone are maintaining a neutral cervical spine, and protecting the face and eyes. Prime Medical's Universal Prone Positioning Pillow addresses both of these. This two-part adjustable pillow allows the Anesthesia Provider to adjust the height of the pillow to accommodate patients of different sizes, as well as the use of varying chest support systems.



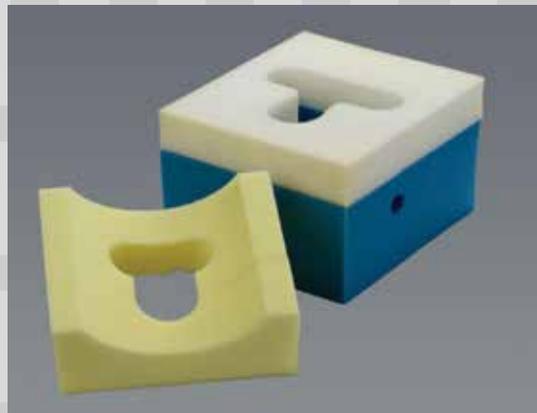
The ability to decrease the height of the pillow prevents hyper extension of the cervical spine when less bulky chest positioning systems are required. The firm base provides a stable, reliable platform while the soft inserts protect the face and eyes from pressure-related injuries.



Now one pillow....



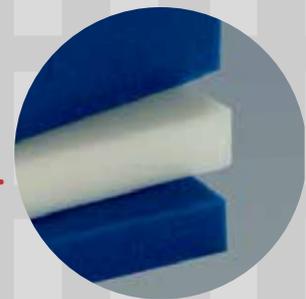
...does the job of two.



## Cost Savings

The bottom two layers can be removed so the pillow can be used in the supine position for induction. This all-in-one characteristic replaces the need for two separate pillows, thus providing cost savings to both the hospital and patient.

Convenient adjustment of height with two tear away layers.





## PRIME MEDICAL SURGICAL SOLUTIONS

# Universal Axillary/Positioning Roll

- ▣ Unique, adjustable single-patient-use foam positioner for a wide variety of surgical applications.
- ▣ Eliminates risk of cross-contamination and dermatological reaction to cleaning residue.
- ▣ Provides a superior alternative to rolled towels, bandages, blankets, sheets, I.V. bags, etc.
- ▣ Density of foam provides support with reduced risk of pressure-related tissue injury.
- ▣ Texture of foam decreases patient slippage.
- ▣ Flat bottom increases stability.
- ▣ Removable layers provide adjustability.

AAR100  
Patent # 9,161,642



**Dimensions:**  
12.5" long x 4.5" wide x 4.75" high  
(.75" tear-away layers)

Case Pack : 10



## Providing a Better Way

Consistency and standardization are the keys to patient safety when positioning patients for surgical procedures. Prime Medical's Universal Axillary/Positioning Roll safely and reliably supports the patient in multiple positions, bringing standardization to positioning for a wide variety of surgical procedures.

The design, density and texture of the foam provide stability and support, while the removable bottom layers allow the clinician to adapt the AAR100 to the patient and procedure. Use of the AAR100 eliminates the need for rolled towels, blankets, I.V. bags, etc., which are not positioning devices, or gel rolls which require cleaning between surgical cases.

Because the AAR100 is single-patient-use, the risk of cross-contamination from reusable positioners is eliminated. So, too, is the risk of a dermatological reaction to a cleaning solution residue. By removing the need for a cleaning protocol, patient safety is enhanced and OR time is saved.

The AAR100 is your consistent, safe and universal surgical positioning solution.



**Horizontal Scapular Roll:** Neck surgery - thyroidectomy, para thyroidectomy, radical neck dissection, internal jugular vein central line placement



## Application Examples



**Axillary Roll:** Lateral positioning - CV/thoracic, orthopaedic, nephrectomy



**Vertical Scapular Roll:** Median sternotomy; Subclavian central line placement



**Foot/Ankle Prop:** Podiatric surgery



**Left Lateral Tilt:** Cesarean section



## PRIME MEDICAL SURGICAL SOLUTIONS

# Chest Roll Pair

- Chest Rolls provide Standardization in Prone positioning requiring chest rolls by eliminating the need for rolled towels and other improvised positioning methods.
- Chest Rolls are adjustable in both length and height by removing the end and bottom portions to provide customized support for a wide variety of patient body habitus.
- Chest Rolls are single patient use to reduce the risk of cross-contamination and help increase room turnover by eliminating cleaning requirements.
- Chest Rolls offer ease of use for Clinical Staff by providing a lightweight, customizable and bacteriostatic positioning solution.



CR100



Case Pack : 7 Pair



## PRIME MEDICAL SURGICAL SOLUTIONS

# Bean Bag Pressure/Protection Pad

- Provides skin protection and pressure reduction for Lateral positioning in conjunction with all types of bean bag devices.
- Made of the same gel-infused viscoelastic foam found in the STP Series of Trendelenburg, reverse-Trendelenburg and Lateral positioning pads.
- Dimensions of 38" x 40" x 1" covers entire bean bag surface and allows maximum overlay coverage.
- Helps protect against nerve injury, compartment syndrome and pressure ulcers.
- Stored in rolled "sleeping bag" form for ease of storage.

BBPPP



Case Pack : 6





## PRIME MEDICAL SURGICAL SOLUTIONS

# Arm Tucking Sleeve

- Sleeves provide 360° padded protection for the arm and hands.
- Sleeves allow easy access to IV sites for Anesthesia providers.
- Sleeves easily accommodate blood pressure cuffs and IV tubing.
- Sleeves are single-patient use and are latex free.



ATS100



Case Pack : 3 pair



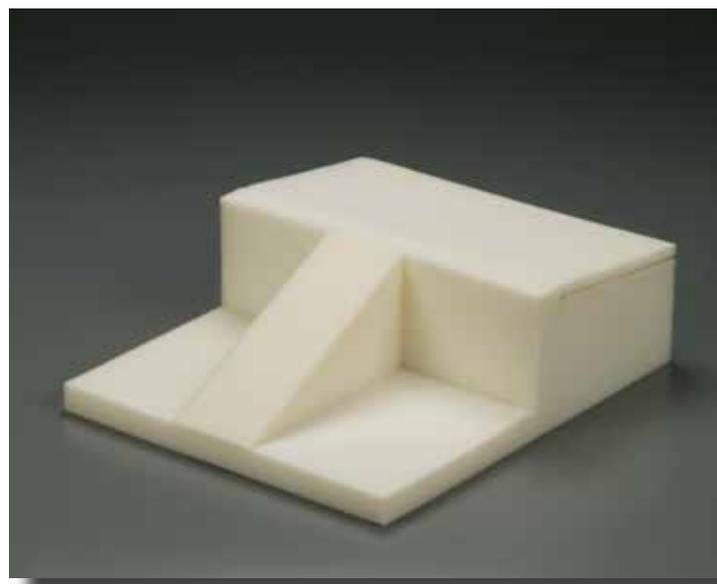
## PRIME MEDICAL SURGICAL SOLUTIONS

# Head Fixation Pillow for Trendelenburg Positioning

- Offers cervical spine support and reduces potential for patient injury.
- Reduces the patient's amount of intra-ocular pressure relative to the actual degree of Trendelenburg position.
- Stabilizes shoulders by evenly distributing the patient's weight and reduces pressure points.
- Provides better airway maintenance and access of anesthesia providers.
- Ideal for use with the STP Series of Trendelenburg Pads.



IP100



Case Pack : 3

# Pediatric/Children's Positioners



## Child Head Cradle

CHC100  
Case Pack : 36



- Single patient use child head cradle for anesthesia positioning.
- Soft foam with appropriate density provides support and reduced pressure to the patient



## Pediatric Donut

PD100  
Case Pack : 48



- Single patient use 7" donut for anesthesia positioning.
- Soft foam with appropriate density provides support and reduced pressure to the patient.



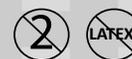
# Pediatric/Children's Positioners



## Child Lateral Head Positioner **CLHP** Case Pack : 8



- Properly Aligns the patient's cervical spine and provides Standardization in Lateral patient positioning.
- Channel protects the eye while allowing constant monitoring.
- Center cutout protects the ear.
- Pillow evenly distributes the weight of the head.
- Pillow height easily adjusts by removing any of the bottom layers to accommodate each patient.



## Pediatric Trendelenburg OR Table Pad

### **STP100-PED** Case Pack : 10



- 24" x 20" x 1" gel-infused viscoelastic foam pad with anti-skid and pressure reduction properties for a wide variety of applications in Pediatric and Children's facilities.
- Part of the STP series of O.R. Table Pads used for Trendelenburg, reverse-Trendelenburg and Lateral patient positioning.
- Latex free, single-patient use and stored in rolled "sleeping bag" form for ease of storage.



## Airway Management Pillow



IP200

Case Pack : 3

- Places the patient in the ideal sniffing position for Tracheal intubation while allowing vascular access in both Jugular and Subclavian approaches.
- Can be used throughout hospitalization if airway obstruction is an issue.
- Ideal for EMS/Ambulance and Emergency Department Use.

## Arm Board Pads



ABP100

Case Pack : 20 sets

- Single patient use arm board pad set for patient positioning and pressure reduction.
- Soft foam with appropriate density provides support and reduced pressure to the patient.



## Jackson Table Rail Pads



JTRP100

Case Pack : 10 sets

- Single patient use set of rail pads (2-20" pads, 2-6" pads), compatible with most spine tables.
- Tear-off sections allow for adjustability in the length of the pads to accommodate various patient body habitus.



## Adult Donut 9"



AD9

Case Pack : 36

- Single patient use 9" donut for anesthesia positioning.
- Soft foam with appropriate density provides support and reduced pressure to the patient.



## Foot Prop Pads

FP100

Case Pack : 10



- Single patient use foot prop pads for stable leg positioning at any degree of flexion for multiple procedures.
- Under the drape placement offers static fixation of drape foam interface for non-slip positioning.



ANTI-MICROBIAL

## McGuire Positioner Pad System

MPPS100

Case Pack : 10 sets



- 4 piece single-patient use pad set for McGuire lateral positioning system.
- 2 anterior viscoelastic pads for adjustable arms, 1 posterior pad and 1 hip pad with peel-away adhesive for additional stability.



## Laminectomy Arm Cradle Set

LAC100

Case Pack : 20 sets



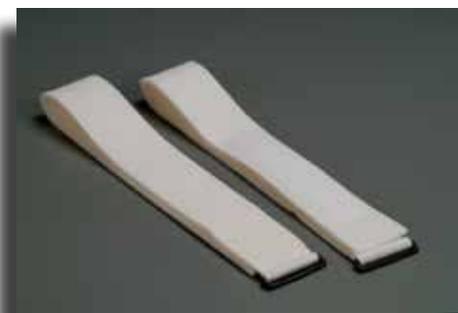
- Set of 2 laminectomy arm cradles reduce pressure at bony prominences and decrease risk of pressure ulceration.
- Allows for optimal patient positioning.
- Also used in conjunction with arm-tucking during robotic-assisted Trendelenburg positioning cases for protection of ulnar nerve and stability of the arms.



## Patient Safety / Body Straps

SS100 / SS50

Case Pack : 25 sets / 50 sets



- Soft safety / body straps for use with O.R. table rails in a wide variety of patient positioning scenarios. (SS50 - single strap; SS100 - set of 2 straps)
- Single patient use straps accommodate all body types.



## Eye Center Pillow



ECP 100  
Case Pack : 10

- Single patient use head positioner for ophthalmological procedures.
- Provides stability for the patient's head and uses a soft forehead strap for additional security and comfort.
- Velcro material on bottom of pillow attaches to head rest on procedure table for optimal patient positioning and comfort.

## Adult Head Cradle



HC100  
Case Pack : 36

- Single patient use head cradle for anesthesia positioning.
- Soft foam with appropriate density provides support and reduced pressure to the patient.

## Perineal Post



PPOST100  
Case Pack : 40

- Relieves pressure in the perineal area during orthopedic fracture cases requiring mechanical traction.
- Single patient use pad provides ease of use and reduced risk of cross contamination.

## Rolled Foam Positioners



RFP100  
Case Pack : 12

- Single patient use 17" x 4.75" foam roll for a variety of patient positioning options.
- Soft foam with appropriate density provides support and reduced pressure to the patient.

## Peg Board Covers



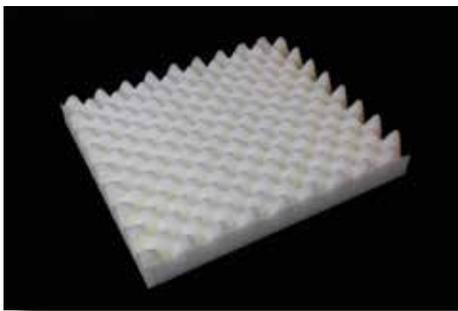
PC100

Case Pack : 6 sets of 6 covers

- Single patient use set of peg board covers for use with peg boards during lateral positioning.
- Soft foam with appropriate density provides protection and reduced pressure to patient.



## Wheelchair Convoluted Foam Pad



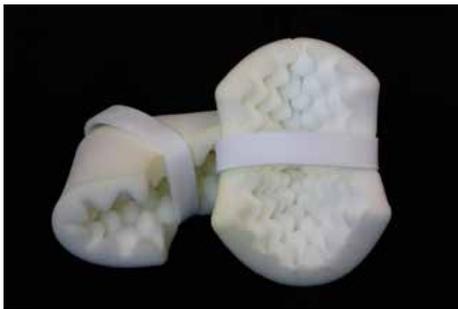
WCF100

Case Pack: 12

- Single patient use foam pad for patient positioning in shoulder procedures utilizing a beach chair, as well as pressure reduction during wheelchair transportation.
- Soft foam with appropriate density provides support and reduced pressure to the patient.
- Dimensions: 3.5" x 16" x 18".



## Heel Protector Pair



HP100

Case Pack: 36 Pair

- Pair of single patient use convoluted foam heel protectors.
- Soft foam with appropriate density provides support and reduce pressure to the patient.
- Soft, wide foam straps for ease of use and patient safety





## ***CLINICALLY DRIVEN INNOVATION***

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