

CLINICALLY DRIVEN INNOVATION



SURGICAL PATIENT POSITIONERS AND ACCESSORIES



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

- Pages 3-10 PrimePad Anti-Skid O.R. Pad Series
- Page 11-15 Anesthesia Positioners
- Pages 16-20 Orthopaedic and Spine Positioning Accessories
- Pages 21-23 Pediatric Positioners
- Pages 24-27 Patient Safety Accessories





PRIME MEDICAL SURGICAL SOLUTIONS

PrimePad Anti-Skid O.R. Pad Series

- For use in any procedure that requires Trendelenburg, Reverse Trendelenburg, or lateral positioning.
- Provides superior support and stability with a next-generation, innovative, high-performance polyurethane foam pad.
- PrimePad material is made with microscopic air capsules that offer immediate rebound, anti-skid properties, enhanced breathability and increased patient support.
- PrimePad material is not temperature sensitive and dissipates heat faster than memory foam.
- PrimePad material provides up to 4 times greater peak pressure reduction compared with memory foam.
- 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 compressed format which lowers shipping costs and reduces storage space requirements.
- Available in kits that include: Patient Body Straps, Disposable Draw Sheets, Arm Tucking/Protection Sleeves, and Head Cradles.
- Available in Wing format with integrated arm tucking and protection.

PrimePad-1



Case Pack: 10

PrimePad-1S





Instructions for Use

• First, ensure the O.R. Mattress is secured to the table.

• O.R. Mattress must be clean and dry. Place pad on the table, aligning the pad and mattress perineal cutouts. PrimePads are designed to provide maximum O.R. Mattress coverage.

• Nothing should be placed between O.R. mattress and PrimePad.

• MAXIMUM patient contact with the pad is key to clinical efficacy.

• Ensure the Sacrum, Torso and Shoulders are in DIRECT contact with the pad.

• Minimize lift/draw sheet width to maximize patient contact with the pad.

• Prefer foam or gel donuts over pillows for intraoperative head positioning, as patients' shoulders often rest on pillow instead of the pad. If using pillows, ensure shoulders are in contact with pad.

• Pads with Table Rail Straps 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.

Not made with natural rubber latex





PrimePad Anti-Skid O.R. Pad Series see full description on pages 7-10

PrimePad-1: Anti-Skid Pad w/perineal cutout, 44"x23"x1".

PrimePad-1S: Anti-Skid Pad w/perineal cutout w/rail straps, 44"x23"x1".

PrimePad-2: 2" Anti-Skid Pad w/perineal cutout, 44"x23"x2".

PrimePad-25: 2" Anti-Skid Pad w/perineal cutout w/rail straps, 44"x23"x2".

PrimePad-3: Ramped 1" to 2" Anti-Skid Pad w/perineal cutout, 44"x23"x2".

PrimePad-3S: Ramped 1" to 2" Anti-Skid Pad w/perineal cutout, rail straps, 44"x23"x2".

PrimePad-W1: Anti-Skid Pad w/integrated 24"x24" arm tucking/protection, perineal cutout, rail straps, 44"x23"x1".

PrimePad-W2: Anti-Skid Pad w/integrated 24"x16" arm tucking/protection, perineal cutout, rail straps, 44"x23"x1".

PrimePad-K1: Anti-Skid Pad w/perineal cutout w/rail straps, single body strap set, 44"x23"x1".

PrimePad-K2: Anti-Skid Pad w/perineal cutout w/rail straps, single body strap set, disposable draw sheet, 44"x23"x1".

PrimePad-K3: Anti-Skid Pad w/perineal cutout w/rail straps, single body strap set, arm tucking sleeve pair, 44"x23"x1".

PrimePad-K4: Anti-Skid Pad w/perineal cutout, head/ shoulder positioner, single body strap set, arm board pair, 44"x23"x1".

PrimePad-K5: 2" Anti-Skid Pad w/perineal cutout, head/shoulder positioner, single body strap set, arm tucking sleeve pair, 44"x23"x2".

PrimePad-K6: Anti-Skid Pad w/perineal cutout w/rail straps, single body strap set, disposable draw sheet, arm tucking sleeve pair, 44"x23"x1".

PrimePad-K7: Anti-Skid Pad w/perineal cutout w/rail straps, single body strap set, disposable draw sheet, arm tucking sleeve pair, head cradle, 44"x23"x1".

PrimePad-K8: Anti-Skid Pad w/integrated 24"x16" arm tucking/protection, perineal cutout, rail straps, single body strap set, disposable draw sheet, head cradle, 44"x23"x1".

PrimePad-K9: Anti-Skid Pad w/perineal cutout w/rail straps, disposable draw sheet, 44"x23"x1".

PrimePad-K10: 2" Anti-Skid Pad w/perineal cutout w/ rail straps, single body strap set, disposable draw sheet, 44"x23"x2".

PrimePad-PED: Pediatric Anti-Skid Pad, 24"x20"x1". PrimePad-SQ1: Square positioning foam 12"x12"x1". PrimePad-SQ2: 2" Square positioning foam 12"x12"x2". PrimePad-BBO: Bean Bag Overlay, 40"x38"x1". PrimePad-CVP: Cardiovascular Pad, 72"x23"x1".





PRIME MEDICAL SURGICAL SOLUTIONS PrimePad Anti-Skid O.R. Pad with Integrated Arm Tucking and Protection

- Provides all of the features and benefits of our PrimePad Series, with the added feature of integrated arm tucking and protection Wings.
- The integrated arm tucking and 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 tearing it, and it easily tears in a linear plane.
- Allows the Anesthesia provider easy access to the IV site, and Wing material allows for channeling of IV tubing and pulse oximetry cables by tearing a window or slit in the Wing material.
- Eliminates the need to use a draw sheet for arm tucking and allows for 100% patient contact with the pad.
- 2 options with different widths in arm tucking/ protection material:

PrimePad-W1 Wing dimensions: 24" long x 24" wide

PrimePad-W2 Wing dimensions: 24" long x 16" wide

PrimePad-W2



Case Pack: 4



Providing a Better Way

The PrimePad is a new innovation in anti-skid patient positioning, offering a next-generation, innovative, high-performance polyurethane foam pad. PrimePad offers excellent anti-skid properties, pressure reduction and patient support, providing confidence to the surgeon and staff that the patient will remain immobile.

Instructions for Use

Follow the Instructions For Use for the PrimePad Series of Anti-Skid Pads for installation of the pad on the O.R. Mattress.

Once the patient is properly positioned on the Prime-Pad, a draw sheet is not required to tuck and protect the arms. To allow for 100% patient-to-pad contact, remove the draw sheet and utilize the Wing material to tuck/protect the arms.

To utilize the Wing material for arm tucking and protection, bring the full length of the pad to the patient's side to determine how much length is needed. If excess Wing material needs to be removed, simply tear off the un-needed material. The material tears in linear plane, and tearing reduces the need for scissors.

One method for utilizing the Wing material is to have a team member on each side of patient. One team member will slightly "log roll" the patient toward them, while the other team member wraps the patient's arm in the Wing and then places the end of the Wing under the patient's torso. Repeat the same steps on the opposite side.

The PrimePad material's flexibility and high coefficient of static friction provides secure arm tucking and protection without the need for external accessories such as Velcro, straps and draw/lift sheets.

Not made with natural rubber latex



For PrimePads with Integrated Arm Tucking and Protection:









All PrimePads are folded, compressed and vacuum sealed for compact storage and shipping efficiency.







PrimePad-W1 Case Pack: 4



Anti-Skid Pad w/integrated 24"x24" arm tucking/ protection, perineal cutout, rail straps, 44"x23"x1"



PrimePad-W2

Case Pack: 4

Anti-Skid Pad w/integrated 24"x16" arm tucking/ protection, perineal cutout, rail straps, 44"x23"x1"

PrimePad-K1 Case Pack: 10



Anti-Skid Pad w/perineal cutout w/rail straps, single body strap set, 44"x23"x1"

PrimePad-K2 Case Pack: 10



Anti-Skid Pad w/perineal cutout w/rail straps, single body strap set, disposable draw sheet, 44"x23"x1"

PrimePad-K3

Case Pack: 3



Anti-Skid Pad w/perineal cutout w/rail straps, single body strap set, arm tucking sleeve pair, 44"x23"x1" PrimePad-K4 Case Pack: 3



Anti-Skid Pad w/perineal cutout, head/shoulder positioner, single body strap set, arm board pair, 44"x23"x1"



PrimePad-K5 Case Pack: 3



2" Anti-Skid Pad w/perineal cutout, head/shoulder positioner, set of two body straps, arm tucking sleeve pair, 44"x23"x2"

PrimePad-K6 Case Pack: 4



Anti-Skid Pad w/perineal cutout w/rail straps, single body strap set, disposable draw sheet, arm tucking sleeve pair, 44"x23"x1"

PrimePad-K7 Case Pack: 3



Anti-Skid Pad w/perineal cutout w/rail straps, single body strap set, disposable draw sheet, arm tucking sleeve pair, head cradle, 44"x23"x1"





Anti-Skid Pad w/integrated 24"x16" arm tucking/ protection, perineal cutout, rail straps, single body strap set, disposable draw sheet, head cradle, 44"x23"x1"

PrimePad-K9 Case Pack: 10



Anti-Skid Pad w/perineal cutout w/rail straps, disposable draw sheet, 44"x23"x1"



PrimePad-K10

Case Pack: 4

2" Anti-Skid Pad w/perineal cutout w/rail straps, single body strap set, disposable draw sheet,44"x23"x2"











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 US Patent # 8,516,639



Dimensions: 10.5" x 10" x 10.5" (Height adjusts from 6.5" to 10.5") 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.

Not made with natural rubber latex





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.
- D 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.
- Trach slits on BOTH sides of the positioner.

UPSP100 US Patent # 9,138,087



Dimensions: 9" x 8" x 6.5" (Height adjusts from 4" to 6.5")

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. Not made with natural rubber latex

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.





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PRIME MEDICAL SURGICAL SOLUTIONS Prone Head Positioner w/dual Trach Slit

The Prone Head Positioner (#PHP100) is indicated for all surgical procedures that require the Prone patient position.

- Measures 9" x 8" x 7.25" and offers a 2" thick soft cosmetic foam top layer to greatly reduce the risk of skin injury, even in longer duration procedures.
- The Prone Head Positioner provides a 5.25" base layer with optimal density for patient support.
- Dual trach slits offer anesthesia providers maximum flexibility and ease of use.

PHP100



Case Pack: 10 eaches







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.
- Slot in the side will accommodate a 90-degree angle iron that can attach to a table rail clamp for added stability during knee procedures.



AAR100 US Patent # 9,161,642



Dimensions: Case Pack: 10 12.5" long x 4.5" wide x 4.75" high (.75" tear-away layers)



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, parathyroidectomy, radical neck dissection, internal jugular vein central line placement.

Not made with natural rubber latex $(2) C \in (2)$

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.

Not made with natural rubber latex



CR100

Case Pack: 7 Pair







PrimePad - BBO

PRIME MEDICAL SURGICAL SOLUTIONS

Bean Bag Overlay

- Provides skin protection and pressure reduction for Lateral positioning in conjunction with all types of bean bag devices.
- Made of the same next-generation, highperformance polyurethane foam as found in the PrimePad Series of Anti-Skid Pads for Trendelenburg, reverse-Trendelenburg and lateral positioning.
- 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 compressed format which lowers shipping costs and reduces storage space requirements.

Not made with natural rubber latex



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.

Not made with natural rubber latex





ATS100

Case Pack: 3 pair

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Pediatric 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.

Not made with natural rubber latex



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.

Not made with natural rubber latex







PRIME MEDICAL SURGICAL SOLUTIONS

SECURES CO"

- Provides 360-degree access and visualization of the infant's skull.
- Provides stable, reliable support throughout surgery.
- Significantly reduces patient positioning time.
- No need to reposition child during surgery.
- Intended for use with pediatric patients, specifically infants 6-18 months of age.



Case Pack: 1

PATENT US # 8,584,280



Providing a Better Way

Specifically designed for use during cranial reconstruction surgeries, the Secure360 Pediatric Prone Positioner reduces patient positioning time while providing stable support throughout surgery. Allowing 360 degree access and visualization of the infant's skull.

Secure360[®] Pediatric Prone Positioner is indicated for use during surgery for proper positioning of infants in the prone position while maintaining maximal visualization of the skull. It is designed to provide rapid, safe and stable prone positioning while specifically protecting the infant's eyes, neck, chest and extremities

Discard after use. Flame retardant. Silicone Free. Not made with natural rubber latex.



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.
See Costa		Soft, wide foam straps for ease of use and patient safety.
	ً⊗ د∈ ⊗	Not made with natural rubber latex
Wheelchair Convoluted	d Foam Pa	nd 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.
and the second sec	ً⊘د∈ ۿ	Dimensions: 3.5" x 16" x 18". Not made with natural rubber latex
Jackson Table Rail Pa	ds	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.
	ً⊘ (€ ⊛	Not made with natural rubber latex
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.
	ً⊘ (€ ۿ	Not made with natural rubber latex

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. Not made with natural rubber latex
McGuire Positioner Pad System	MPPS100 Case Pack: 10 sets
C CE S	 4 piece single-patient use pad set for McGuire lateral positioning system. 2 anterior pads for adjustable arms, 1 posterior pad and 1 hip pad with peel-away adhesive for additional stability. Not made with natural rubber latex
Laminectomy Arm Cradle Set	LAC100 Case Pack: 20 sets
C C C S	 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. Not made with natural rubber latex
Patient Safety/Body Straps	SS100 /SS50 Case Pack: 25 Sets/50 Sets
I ce ⊗	 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. Not made with natural rubber latex

Eye Center Pillow		ECP 100
Lye Center I mow		Case Pack: 10
	Not made with natural rubber latex 2 c c ම	 P Single patient use head positioner for opthalmological procedures. P Provides stability for the patient's head and uses a soft forehead strap for additional security and comfort. P 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
	(Ջ) (€ ֍	 Single patient use head cradle for anesthesia positioning. Soft foam with appropriate density provides support and reduced pressure to the patient. Not made with natural rubber latex
Perineal Post		PPOST100 Case Pack: 40
	(2) €€ ⊛	 P Relieves pressure in the perineal area during orthopedic fracture cases requiring mechanical traction. P Single patient use pad provides ease of use and reduced risk of cross contamination. P "12" x 3.5" Not made with natural rubber latex
Perineal Post		PPOST6 Case Pack: 12
	(2) د∈ ⊛	 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. 9" x 6" Not made with natural rubber latex

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.

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Prime Medical, LLC's Global Headquarters is located in Knoxville, TN, and all of our products are proudly made in the USA.







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No Prime Medical, LLC products are made with natural rubber latex.



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