

Rapid Airway Management Positioner



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FEATURES

- Integrated with an AirPal® Platform (Air-Assisted Lateral Patient Transfer and Positioning Device).
- Provides optimal positioning of the patient for direct laryngoscopy, extubation, and central venous access.
- Enhances the safe apnea period, BVM (Bag Valve Mask) ventilation and chest wall excursion.
- Rapid in-service training.
- Patients can be transferred onto OR table, positioned and “ramped” in under one minute.

RESULTS

- Automates patient transfer, positioning and ramping procedure providing for time savings and a more productive OR Theatre.
- The RAMP® effectively supports “Safe Patient Handling” policies and programs.
- Use of the RAMP® limits staff disruptions in a busy OR.
- Absence of bulky, unstable stacks of linens; allows caregivers to work in an unimpeded fashion.

Proper Patient Positioning is Paramount to Successful Intubation!

The RAMP® is a leap forward in the evolution of air assisted medical devices. Combining our leading lateral patient transfer and positioning device (The AirPal® Platform), with a fully adjustable surface to create proper patient positioning for direct laryngoscopy resulted in the AirPal® RAMP®.

The RAMP® revolutionizes direct laryngoscopy to make the process faster smoother and safer for patients and hospital staff alike. The patented RAMP® technology allows for the safer transfer and positioning of a patient, facilitates proper airway alignment, improves the work of breathing and lengthens the safe apnea period—even in the largest of patients.

Recognizing that manual attempts at patient positioning for direct laryngoscopy are nonstandard, unreliable, and time inefficient, AirPal®-PTS, Inc. teamed with a practicing emergency physician to develop the RAMP®. The RAMP® is a combination of “Best Practices.”

At the base of the RAMP® is a specially engineered AirPal® Platform. The AirPal® Platform allows for the safe lateral transfer and positioning of a patient. The RAMP® meets with “Safe Patient Handling” policies and programs. As one doctor who used the RAMP® noted, “...the drawsheet is a thing of the past.” The RAMP® utilizes a cushion of escaping air from beneath it, that acts as a lubricant; patients can be transferred from stretcher to OR Table and vice versa, without the threat of injury to caregivers or the patient alike. Safe Patient Handling is considered a “Best Practice.”

The upper portion of the RAMP® has specially designed inflatable air chambers that when filled create an incline, enabling fine-tuning of a patient’s position regardless of body habitus. Proper placement of the patient to achieve the ear-to-sternal notch position is considered a “Best Practice” for airway management.

The RAMP® allows for efficiencies in the OR that have never been seen before. Indeed, clinical trials have shown that a patient can be transferred from the stretcher, positioned on the OR Table and placed into the proper ear-to-sternal notch position in less than one minute. Once the patient is positioned on the OR Table the RAMP® can be inflated in approximately seven seconds. With the AirPal® RAMP®, “ramping” procedures become automated requiring fewer staff and do not require massive amounts of bulky and unstable linens. Patients can remain “ramped” from the OR Table to stretcher and through post-operative recovery since the RAMP® is integrated with an AirPal® Platform. A benefit of maintaining a patient in the “ramped” position is a lengthening of the safe apnea period, from increased airway patency and more efficient gas exchange with BVM (Bag Valve Mask) ventilation.

For Direct Inquiries:

Call Toll-Free: 1.800.633.4725

Or Visit: <http://www.airpal.com>

Or Email: info@airpal.com



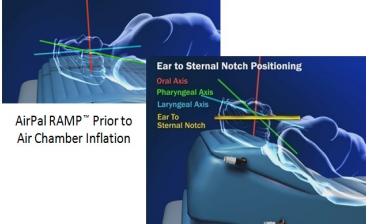
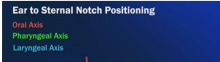
About AirPal®-Patient Transfer Systems, Inc.

A History of Being a Trusted Source- AirPal®-PTS is the leader in lateral patient transfer and positioning with a history of innovation and excellence for more than 25 years. The corporate focus of AirPal®-PTS, Inc. is with the development and marketing of air-assisted medical equipment. The company is an advocate of "Safe Patient Handling" programs and policies. AirPal®-PTS, Inc. products provide solutions for safer patient transfer, comfort and positioning. Our products are proven best practice solutions. AirPal®-PTS products and services result in demonstrated reductions in workers compensation claims while increasing caregiver morale, retention and recruitment. Our products have been adopted by major healthcare systems and received multiple awards and recognitions. AirPal®-PTS, Inc. is known industry-wide for the value afforded by its products. The products are known for their strength and durability, quality of materials and manufacturing, and integrated patented safety features. Since, AirPal®-PTS, Inc. is committed to quality manufacturing and design, it has introduced an industry first... A five year Limited Warranty on the products manufactured by AirPal®-PTS, Inc.

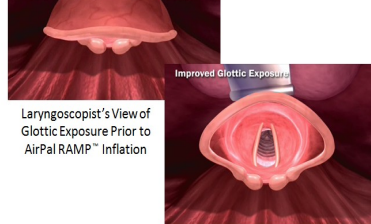
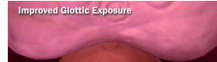
FEATURES:

AirPal RAMP™ Feature:

Ear to Sternal Notch Positioning/Improved Glottic Exposure



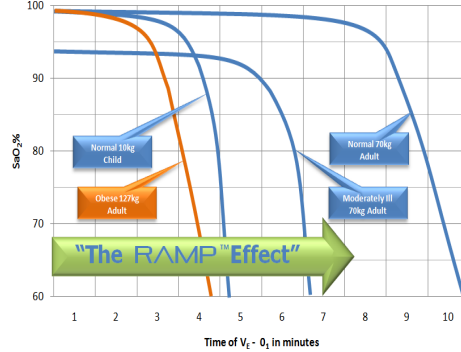
Result: AirPal RAMP™ Positions Patient in Proper Ear to Sternal Notch Position in Under One Minute (Inflation in 7 Seconds)



Result: AirPal RAMP™ Inflation Improves Laryngoscopist's View of Glottic Exposure

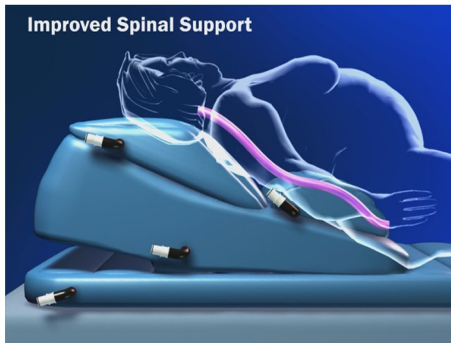
AirPal RAMP™ Feature: Increased Safe Apnea Period

The Safe Apnea Periods (with and without RAMP™)



- RAMP™ efficiency (time to transfer, position & ramp) provides a greater safety margin.
- RAMP™ can remain in an elevated position during transfers to maintain improved gas exchange and facilitate BVM (Bag Valve Mask) ventilation.
- Combined effects of efficiency and maintaining patient in an elevated position maintains higher SaO₂ levels in patient. The "RAMP Effect."

AirPal RAMP™ Feature: Spinal Support



The AirPal RAMP™ provides a smooth cushioned surface that evenly distributes a patient's weight along the length of the spine:

- Patient remains stable and won't require adjustment after proper position is achieved (no linens that settle or move out of place)
- Aids in Reducing Pressure Points: which means the patient can remain ramped for long periods of time while addressing skin care concerns

AirPal RAMP™ Feature: Central Venous Access

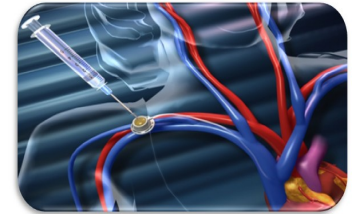
RAMP™ Inflation

Patient in Supine Position:
Tissues tend to mass and settle along the top of the chest

Before

After

Patient in Ramped Position:
Chest wall excursion makes the subclavian vessels more prominent



SPECIFICATIONS:

RAMP BASE

Dimensions: (L x W) 77" x 28"
Construction: All seams double stitched (14lb Test Nylon Thread)
Materials: Bottom Layers—Linea 70® Treated Nylon Twill. Top Layer—Sure Chek Fusion III® Nylon Twill.
Transfer Handles: (4) Extended Ergonomic Handles (Mil-Spec Tubular Nylon)

RAMP AIR CHAMBERS

Construction: Dielectrically Heat Sealed
Materials: Linea 70® Treated Nylon Twill
Ports: (1) Upper Port with Quick Release Connector and Integrated Stop Valve
(1) Lower Port with Quick Release Connector and Integrated Stop Valve
Rapid Deflation Dump Valves: (2)

AIR CONTROLLER FOR RAMP AIR CHAMBERS

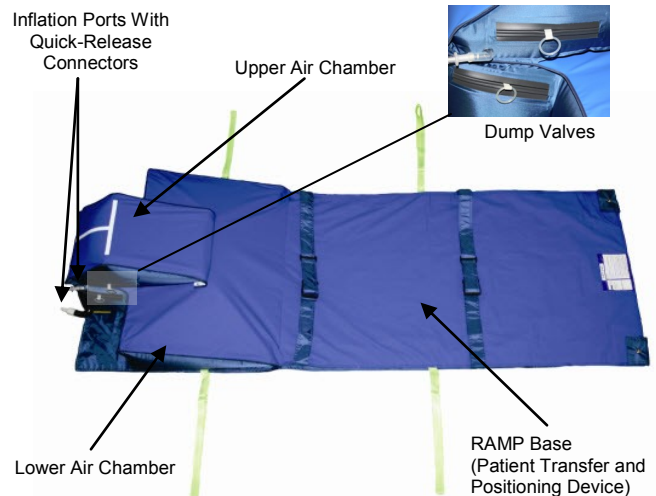
Construction: Main Body- Die Cast Aluminum Housing; Air Lines—PVC Flex Tubing With Integrated Quick Release Connectors.
Air Supply: Hospital Air or Nitrogen
Air Chamber Over Pressure Protection: Integrated Self Re-Setting Blow-Off Valves
Ports: (1) Upper Chamber; (1) Lower Chamber; (1) Future Accessory; Single Dial Port Selector with Separate Fill and Release Buttons.
Right or Left Hand Operable

AIR SUPPLY FOR PATIENT TRANSFER/POSITIONING

Type: AirPal® Air Supply—CE Approved/JUL 60601-1/CSA 601.1
Filtration: 2 Micron Washable Filter
Power: 110/120v, Hospital Grade Grounded Three Prong Plug

TRANSPORTATION/STORAGE

Type: AirPal® Stand
Construction: Stainless Steel with Machine Washable Removable Basket, IV Footprint Promotes Stability and mobility .



INDUSTRY EXCLUSIVE - FIVE YEAR LIMITED WARRANTY

5 Years!

AirPal®-Patient Transfer Systems, Inc. warrants use of their products to be free from defect in materials and workmanship under normal usage for a period of five (5) years from the date the product is put into service. AirPal®-PTS, Inc. puts quality and value first. For complete warranty details please visit www.airpal.com



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