



AIRISANA™

Transformative. Intelligent. Empowering.

Introducing the Transformative Airisana™ Therapeutic Support Surface

1940's BESSIE BLOUNT GRIFFIN FEEDING TUBES



Veterans paralyzed during WWII couldn't feed themselves until Bessie Blount Griffin, an African-American nurse, invented a tube in the 1940s they could use with their teeth.

1940's SISTER KENNY - THE KENNY METHOD

Developed an alternate approach to polio treatment in Australia. Kenny maintained that the physical manifestation of polio was caused by viral infection of muscle and other peripheral tissues, rather than by infection of the nervous system



1954 ELISE SORENSEN OSTOMY BAG



Elise created the invention for the ostomy drainage and waste by using a plastic pouch that she could adhere to the body.

1956 SISTER JEAN WARD NEONATAL PHOTOTHERAPY

Sister Jean Ward discovered that sunlight helped the treatment of jaundice and initiated it being used as part of the treatment protocol.



1967 ANITA DORR CRASH CART

After seeing the amount of time it took to gather the items needed for those in critical condition, and often lost because of delays, Anita began building a type of cart in her basement that would appropriately carry the misc. intubation products, IV supplies, etc. that could be readily available in the event immediate intervention was needed.



We need
innovation like
this to help with
rising Pressure
Injury rates.



WELCOME TO INNOVATION

CAREGIVERS ARE AMAZING.

Over the years, through observation and ingenuity, nurses and clinicians have helped to reduce many hospital-acquired conditions with truly innovative patient-care techniques.

What if the same insight and invention could be used to significantly address Pressure Injuries acquired in healthcare settings?

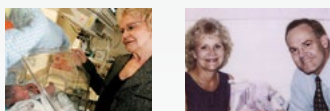
What if all the best practices devised to reduce healthcare-acquired pressure injuries could be combined into one protocol and one simple device to help caregivers optimize care?

Now, Encompass Group, in consultation with medical engineers, biologists, clinicians, and WOC nurse professionals, has developed the patented Airisana™ Therapeutic Support Surface, making that “what if?” a reality—today.

It is the result of years of science and nursing know-how, combining the benefits of several products into one.

1990'S SHARON ROGONE BILI-BONNET

In the 1990s, Sharon Rogone, who had worked as a nurse in hospital neonatal intensive care units in San Bernardino, California, created glasses especially designed for the teeny patients. intervention was needed.



2003 TERI & GAIL BARTON COLOR CODED IV LINES

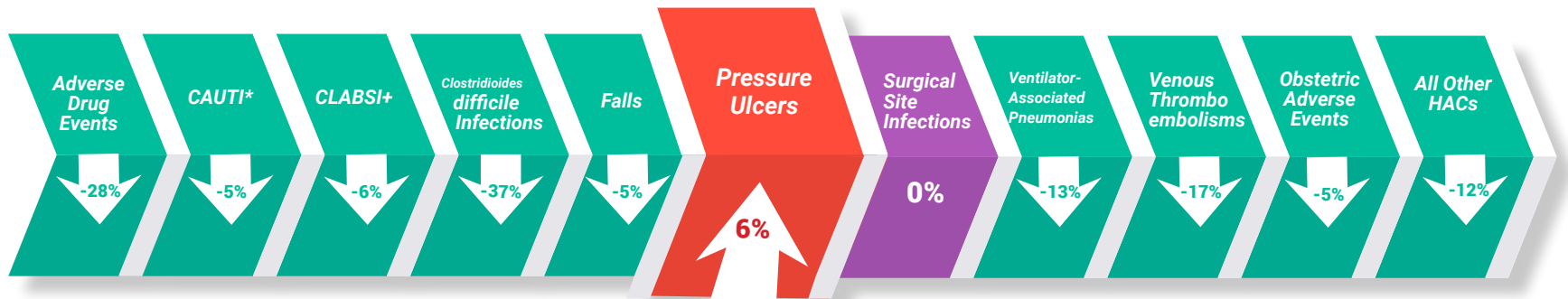
Developed color-coded IV lines to reduce medication administration errors and to promote ease in identification when they only had seconds to deliver select infusions.



AIRISANA™

MOST HOSPITAL-ACQUIRED CONDITIONS DECLINE, BUT NOT PRESSURE INJURIES¹

National efforts to reduce hospital-acquired conditions such as adverse drug events and injuries from falls helped prevent 20,500 deaths and saved \$7.7 billion between 2014 and 2017, which is tremendous news. But Pressure Injuries actually rose in incidence during that period by approximately 6%. In 2014, the PI rate was at 21.8 per 1,000 discharges, or approximately 647,000 PIs. In 2017, the rate went up to 23.0 per 1,000 discharges. More importantly, AHRQ estimates that an additional 4,900 people died from hospital-acquired PIs during this period.



OVERALL TOTALS DOWN -13%

1. Source: AHRQ National Scorecard on Hospital-Acquired Conditions Updated Baseline Rates and Preliminary Results 2014-2017

*CAUTI - Catheter-Associated Urinary Tract Infections

+CLABSI - Central Line-Associated Bloodstream Infections

**The percent change numbers are compared to the 2014 measured baseline for HACs.

THE REASONS FOR THE RISE IN PRESSURE INJURY RATES ARE MANY.

WHY AIRISANA?

Airisana was developed because, even with the multitude of surfaces available already, Healthcare-Acquired Pressure Injury rates have not only stopped declining, they've actually risen in the last few years.

DECOMPENSATION AND ACCLIMATION

Extended exposure to moisture and pressure are two key contributing factors to skin degradation in the areas that eventually become pressure injuries. When skin, our largest organ, becomes compromised, it can fail to respond to the additional overload of these factors. Or, it can become acclimated to the consistently repetitive therapies of traditional support surface modalities and fail to respond to that therapy.

GROWING COMPLEXITIES IN PATIENT CARE

With the growing complexities of patient care, healthcare facilities are challenged more than ever with the demands of balancing the increasing acuity of patients, while managing limits on staff, funding and facility resources. Complicated training and additional staff time requirements can cause additional stresses and loads on staff, resources and equipment. Each patient's body can physiologically respond differently to multi-faceted treatment.

CROSS-FUNCTIONAL COLLABORATION OF CARE

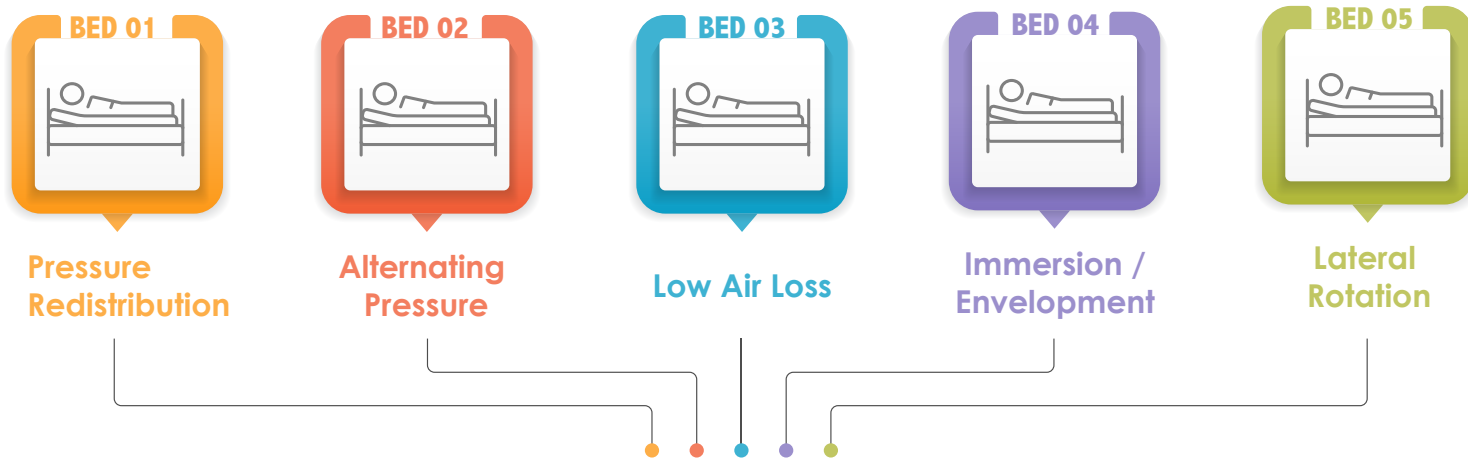
Traditional therapeutic support surfaces and pressure injury treatments struggle to support multiple care disciplines provided by other members of the patient care team, such as Respiratory Care and Physical Therapy. When delivering combinations of treatments, it's important that pressure injury prevention and treatment doesn't benefit only one care discipline while presenting challenges for others.

EXTENDED PATIENT-STAYS

Patients without pressure injuries have an average hospital stay of 5 days, while those who succumb to injuries stay an average of 11. This can impact the facility through reimbursement issues as well as increased acuities, PI risks, and overall costs. More importantly, the patient experience and quality of life is also impacted.



Airisana™ Does What All These Do Combined, and More!



5 Beds = 1 Airisana

The innovative Airisana™ Therapeutic Support System combines unique air delivery and pressure management programming to combine all the best practices along with transformative patient care.





Shear Risk Reduction –
Airisana's surface layers and patented bladder shape design reduce the risks of skin shear.



01 REVOLUTIONARY PRESSURE THERAPY
The Airisana surface offers a newly developed algorithm that combines multiple pressure therapies, such as alternating pressure, immersion, envelopment, and pressure redistribution, in a random sequence, to reduce the acclimatization of the patient to the therapy provided by the surface.

02 FOCUSED AIRFLOW WHERE NEEDED
Airisana supports reduction for moisture-associated dermatitis, accelerated breakdown, and applies a targeted airflow matching the patient's mass distribution.

03 TURN ASSIST AND REPOSITIONING
Airisana allows for repositioning while the patient is on the surface, supporting efforts to reduce friction and shear risk, as well as staff injury.

04 EARLY MOBILITY AND BEDSIDE THERAPY SUPPORT
Airisana is equipped with firm side rail design for encouraged early mobility and stabilization at bedside

05 DARTEX MICRO-MANAGEMENT COVER
Easy to clean and promotes proven infection prevention practices.

06 EXTENDED LIFE BATTERY BACKUP
Battery life extends to a minimum of 26 hours in the event of power failure..

07 INTUITIVE, TOUCHPAD USER CONTROL UNIT
Airisana's smart control unit is easy for the clinician to use, and simplifies patient setup. It puts control back in the hands of nursing.

WITH AIRISANA™, CROSS-FUNCTIONAL THERAPY CARE CAN HAPPEN RIGHT AT THE BEDSIDE



With its stable base and firm perimeter support, the Airisana™ Therapeutic Support System can be used bedside for many respiratory, physical and other therapy care situations.





Tired of The Hassle of Managing Multiple Types of Surfaces?

Airisana™ addresses many of the obstacles to using a multitude of specialized therapeutic surfaces. Airisana is a unique, new approach in alternating pressure and microclimate management, improving patient outcomes and reducing the challenge of managing complex patients.



Airisana™ Operational Highlights

Innovative Inflation Sequence	Unique randomized pressure therapy reduces acclimatization to the surface and promotes better healing and recovery.
Smart Distribution of Airflow	Innovative, targeted air flow delivers air only where it is needed most - at greatest points of load, moisture and heat.
Multi-Dimensional Therapy Modes	<ul style="list-style-type: none"> • All pressure therapy modes and turn assist perform in concert. • Air-tight bladder design incorporates pressure redistribution, alternating pressure and envelopment therapies with transformative inflation sequence. • Turn-assist and lateral rotation therapy supports pulmonary therapy and makes toileting easy.
Intuitive, Soft-Touch User Control Unit	The smart and quiet control unit is easy for the clinician to use. It is an intuitive system that simplifies patient setup and cross-functional care.
Surface Comfort Adjustment	Assists with personalized patient care options and settings.

Airisana™ Design Highlights

Firm and Stable Base and Perimeter Support	Promotes safe patient ingress and egress, and emergency evacuation needs.
Designed for Shear Reduction and Management	Surface layers and patented bladder design reduce the risks of shear.
Quiet Inflation and Airflow System	Quiet, user friendly control unit supports a comfortable and tranquil healing environment.
Dartex® Micro-Management Cover	Easy to clean and promotes proved infection prevention practices.
Lightweight and Simplified Storage	Simple for staff to transport and store. Surface is lightweight, easy to use and easy to fold.
Smart-Adjusting Pressure Valves	Smart valve technology provides optimal pressure management to customize patient care and comfort.
Extended Life Battery Backup	Control unit can run on internal battery for up to 26 hours in the event of power failure
Quick-Click™ Single Hose Connection	Tri-lumen tubing assembly with single, quick disconnect connector for rapid attachment and CPR deflate function.



Airisana™ is Available in Both Standard and Specialty Sizes.

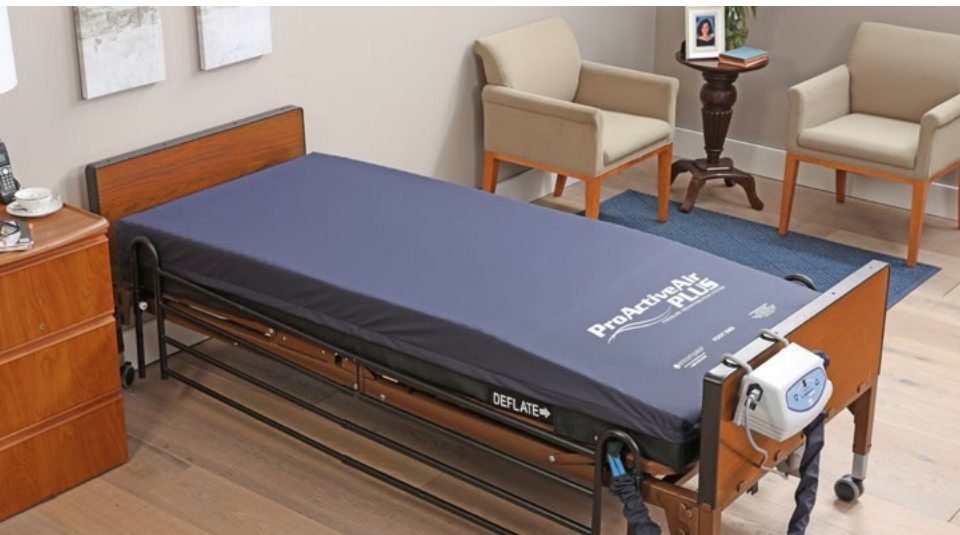
<u>SKU</u>	<u>Description</u>	<u>UOM</u>
ARSN-CU1	Airisana Control Unit	EA
ARSN-3580	Airisana Support Surface System 35x80x9.25	EA
ARSN-3584	Airisana Support Surface System 35x84x9.25	EA
ARSN-4280	Airisana Support Surface System 42x80x9.25	EA
ARSN-4284	Airisana Support Surface System 42x84x9.25	EA
ARSN-4880	Airisana Support Surface System 48x80x9.25	EA
ARSN-4884	Airisana Support Surface System 48x84x9.25	EA

SYSTEM DETAILS

- Weight capacity: 500 pounds
- Available in widths up to 48", and lengths up to 84"
- Warranty:
 - Surface – 6 years
 - Cover – 1 year



Contact us to learn more about our full line of Therapeutic Support Surfaces



The ProActive Air™ PLUS can meet your Static or Active pressure redistribution needs

SYSTEM DETAILS

- Weight capacity: 500 pounds
- Available in widths up to 42", and lengths up to 84"
- Warranty:
 - Surface – 5 years
 - Cover – 2 year



Contact us for more information at:
1-800-245-4636
info@encompassgroup.net
www.encompassgroup.com

©2019 Encompass Group, LLC. All rights reserved.
Lit # HC19629 rev 04/19



The eMax™ portfolio of surfaces provides several surface options

SYSTEM DETAILS

- Available in 4 different designs to cover a wide range of pressure redistribution needs
- Weight capacity: 400 pounds
- Available in widths up to 60", and lengths up to 90"
- Warranty:
 - Surface – Varies; up to 5 years
 - Cover – 1 year

**Ask us about our eMax™ Mighty Max Bariatric option, with weight capacity up to 1,000 lbs.*



Better care starts with safety and comfort.

Encompass Group, LLC
621 Macon Street
McDonough, GA 30253