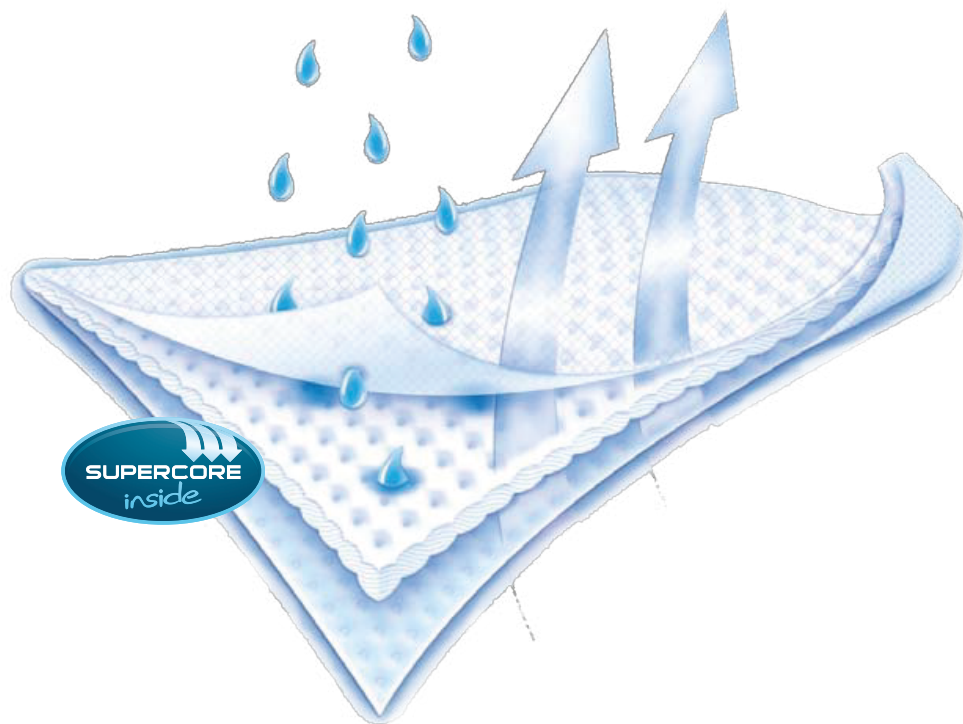


McAirlaid's



Product Features & Benefits Flyer

Product Case Study provided by McAirlaid's

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Protection hospitals trust.

Since 2005, LayDry Pro has been the proven standard in premium bed pads by hospitals for absorption, comfort and protection.

SUPERCORE
inside



LayDry
PRO

Reducing Pressure Ulcers

LayDry Pro has been clinically tested by hospitals to help reduce pressure ulcers. Thanks to SuperCore technology, LayDry Pro quickly wicks then locks fluid away from patient's skin ensuring a dry surface all day. Compared to leading brands, LayDry Pro can withstand multiple insults without leaking resulting in fewer changes and lower laundry costs.

Made without recycled material or non-abrasive material, such as latex, patients, caregivers and healthcare providers can rest assured they are using a safe, sanitary hypoallergenic pad. When it comes time to change or reposition patients, LayDry Pro has a maximum lifting capacity of 375 pounds.



LayDryPRO

Ultra Absorbent: Holds and disperses up to 4-1/2 cups of liquid keeping you dry all day.

Softness: Topsheet is soft and breathable providing all day comfort.

SUPERCORE
inside

Leakproof: Plastic backsheet is waterproof to prevent leakage onto beds.

Containment: Superior wicking and fluid distribution provides dynamic fluid containment and no puddling.

Hypoallergenic: Contains no latex, binders or recycled material for happier, healthier skin.

Application: Perfect for any size or type of bed.

Easy Disposal: Roll up, throw in trash then replace.



Case Study

For McAirLaid's LayDry Pro Bed Pads

This brochure provides insights and an overview on the following 4 case studies which address:

- ◇ Solving the problem of hospital acquired pressure ulcers.
- ◇ Patient comfort.
- ◇ Cost saving solutions.

Case studies reviewed,

- ⇒ Study 1 - Economic Impact of LayDry Pro (Ultrasorbs^R AP Absorbent Pads) In Prevention of Hospital-Acquired Pressure Ulcers
- ⇒ Study 2 - Moisture Matters: Controlling Moisture Related to Incontinence Reduces Pressure Ulcer Incidence
- ⇒ Study 3 - A Systematic Approach to Pressure Ulcer Prevention Improves Patient Care, Reduces Costs
- ⇒ Study 4 - 225—Bed Community Hospital In Council Bluffs, Iowa Reduces Pressure Ulcers from 9% to 0% in 90 Days

Note: LayDry Pro was formerly sold under the name Ultrasorb. When an article refers to Ultrasorb, it has been replaced with LayDry Pro.

About Us

Your Partner In Absorption

Our mission is to be *Your Partner In Absorption*. Over the past 20 years McAirLaid's has redefined the airlaid market by creating the next generation of nonwoven. Supercore is the first nonwoven airlaid produced without glues, binders or latex. With SuperCore technology, all our products absorb and disperse liquids quickly giving you consistent results each time.



Links

www.mcairlaids.com

To request copies of case study please contact us at,

- ◇ Email: sales@mcairlaids.com
- ◇ Download at <https://bit.ly/2Ko4jB9>.
- ◇ Phone: (844) 256-8010



Study 1

Economic Impact of LayDry Pro In Prevention of HAPU

Background:

In October 2008, the Centers of Medicare and Medicaid announced they will stop reimbursing hospitals for certain types of hospital acquired conditions considered preventable in hospital settings such as hospital-acquired pressure ulcers (HAPU).

This study examines the impact of using highly absorbent pads (LayDry Pro) in an environment (New York Methodist Hospital) where the incidence of HAPU averages about 9%.

Methods:

Research conducted from October 2007 through May 2008 on patients that had no pressure ulcers on admission.

Survey results compiled using the Braden Scale Score, age comparison and methods of prevention. Methods of prevention included pressure redistribution, skin care, incontinence management, and nutrition.

Results:

LayDry Pro pads reduced the incidence of HAPU by an average of 3% in incontinence patients admitted without previous pressure sores.

Expected cost savings is \$96.72 per incontinent patient admitted to hospital. Snapshot of cost savings breakdown below.

Cost	Savings
Materials, Nursing Labor, Laundry, & Waste Disposal	\$26.72
HAPU Prevention	\$70.00
Total Hospital Savings per Incontinent Patient per ALOS	\$96.72

Conclusion:

After LayDry Pro implementation, HAPU incidences declined 32% to an average of 6.1%. In addition, there was an estimated annual budget savings at New York Methodist Hospital of \$773,760.

Study 2

Moisture Matters: Controlling Moisture Related to Incontinence

Introduction:

Performance Improvement (PI) Project was designed to find an air-permeable, highly absorbent incontinence pad that would address patient care issues and costs associated with HAPU.

Primary Objective:

Reduce the incidences of HAPU as related to moisture from urine or stool.

Secondary Objectives:

- ⇒ Reduce the number of incontinence pads and linens used.
- ⇒ Reduce the laundry costs.
- ⇒ Increase patient comfort, staff satisfaction and costs savings.

Background:

Study focused on *Patient Safety Goal #14* Prevent Health Care Associated Pressure Ulcers by accessing patient's risks using Braden Pressure Ulcer Risk Assessment Tool.

2008 Hospital Statistics:

- ◇ 544 bed hospital with a cost of \$15,458,400 for treating 358 patients for pressure ulcers in 2008.
- ◇ Cost of treating 172 HAPU was \$7,426,960.
- ◇ Laundry costs was \$3,009,156.
- ◇ Mattress rental cost was \$626,136.
- ◇ Current nursing practice includes using 6 pads with 3 sheets layered on each patients bed every shift with 1 layer removed for each incontinent episode.

Methods:

- ⇒ Plan: Test 3 different pads over a 3-month period with 1 brand tested per month.
- ⇒ Do: Nurses and Housekeeping Staff were involved in the plan.
- ⇒ Study: HAPU measured and compared to HAPU before and after PI project.
- ⇒ Act: Nursing practices will change according to the outcome of the study.
- ⇒ Pad Criteria: Air-permeable, leak-proof, highly absorbent, and useable on all mattresses.

Pads Tested:

- ◇ Pad 1: Cairpad from Attends Healthcare
- ◇ Pad 2: LayDry Pro (Ultrasorb) by McAirmaid's Inc.
- ◇ Pad 3: Subersorb by Attends Healthcare

Conclusion:

- ◇ Baseline incidents of HAPU decreased from 5 per month to 1 per month with Pad 2.
- ◇ Pad 2 surpassed all trialed incontinence pads and exceeded test criteria.
- ◇ An 80% cost savings can be realized by implementing nursing practice changes plus the use of Pad 2.
- ◇ Potential cost savings of \$5,491,568 per year in pressure ulcer treatment for this hospital.
- ◇ Implementation and success of the new incontinence pad usage will be dependent on staff education, follow-through and accountability.

Study 3

A Systematic Approach to Pressure Ulcer Prevention Improved

Background:

Chesapeake Regional Medical Center is a 310-bed facility with an above average, 57.1%, HAPU cases. Average cost per patient per hospital stay for pressure ulcers is \$43,180.

Pressure ulcer treatment costs include,

Category	% of Total Treatment Cost	Cost per Patient/Case
Nursing Time	50%	\$21,590
Pharmaceuticals	39%	\$16,840
Products	11%	\$4,749
Total Costs	100%	\$43,180

With an at-risk population of over 50%, staff and senior administration realized the immediate need to re-evaluate current pressure ulcer program and create a new, prevention-oriented system.

Solution:

The trial had full support of the Vice President of Nursing and cost reimbursement was guaranteed if the trial did not work.

Implementation:

Trial ran 90 days, which included skin care system and LayDry Pro pads.

Results:

- ◇ Six weeks into the trial, pressure ulcers reduced from 57.1% to 23.1%, a reduction of more than half from where the program started.
- ◇ HAPU was down to 2.5%, which is below the national average of 3.3%.
- ◇ Hospital lowered HAPU from 25 patients to zero.
- ◇ Preventative program saved the hospital \$1,079,500.

Category	Pre-Program	Post-Program	Savings
Nursing Time	\$539,750	0	\$539,750
Pharmaceuticals	\$421,005	0	\$421,005
Products	\$118,745	0	\$118,745
Total Savings			\$1,079,500

Study 4

225-Bed Hospital Reduces Pressure Ulcers from 9% to 0% In 90 Days

Background:

Jennie Edmundson Memorial Hospital is a 225 bed facility located in Council Bluffs, Iowa. In 2009, the hospital experienced a 9% increase in pressure ulcers, resulting in a cost increase of \$86,360.

Challenge:

Initiate a systematic approach to reducing HAPU to zero.

Solution:

90-Day trial of Pressure Ulcer Prevention Program (PUPP) including evaluation of LayDry Pro pads.

Results:

- ◇ At the end of the 90-day trial, zero new pressure ulcer patients.
- ◇ Nursing staff fully supports PUPP.
- ◇ In one year, the hospital saved \$247,800 and still maintains no further incidents of pressure ulcers.

"Our results were so good we've now gone hospital wide with the PUPP program. We have adopted the Remedy products and LayDry Pro (Ultrasorb) underpads throughout the whole facility." Beth Edwards, RN BS, Clinical Quality Specialist at Jennie Edmundson Memorial Hospital.



Improving Care. Improving Business.®

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