A damp bed is even worse as an adult.

It's time to throw in the towel on leaky female external catheters.

BOEHRINGER®

CareDry®

The Only Female External Catheter With Complete 360° Urine Collection

The Why | **The How** | **The What**

CareDry®

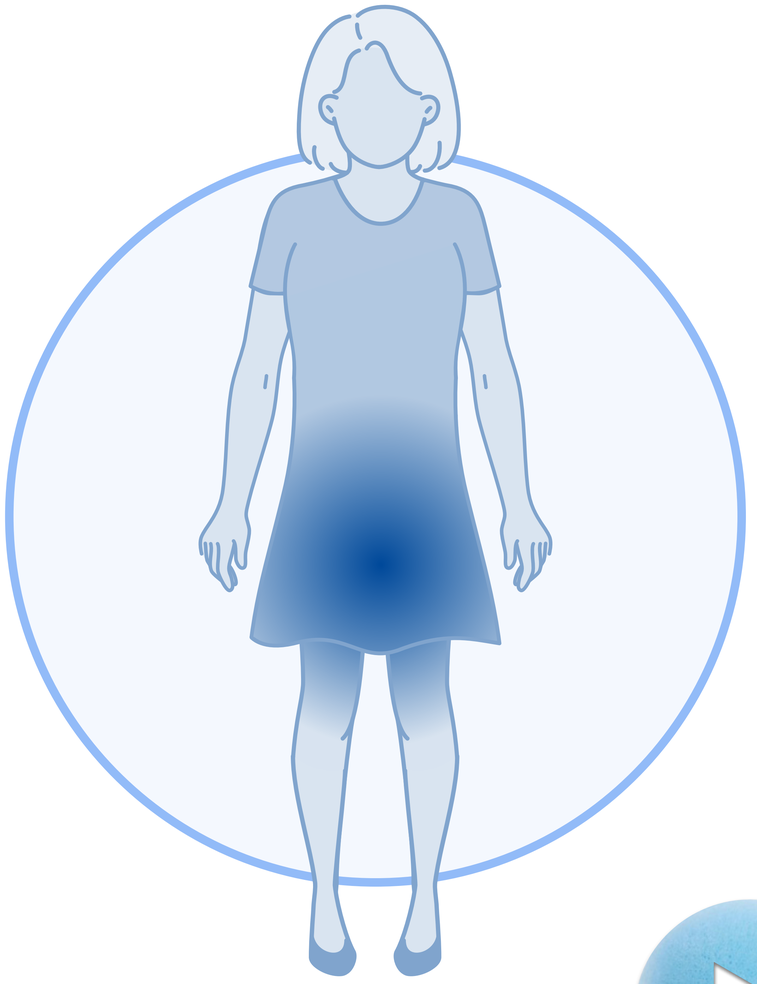
We see why nurses want more certainty; they need more complete female external catheters

BOEHRINGER®

The Downstream Effects

- Common problems include leaks, low surface area, poor anatomical fit, frequent replacement, and unreliable urine collection
- Incomplete collection can lead to dermatitis, skin maceration, and recurrent UTIs[1,2]
- Can impact health status, length of hospital stay, quality of life, and overall outcomes[3,4]

References



The Why | The How | The What

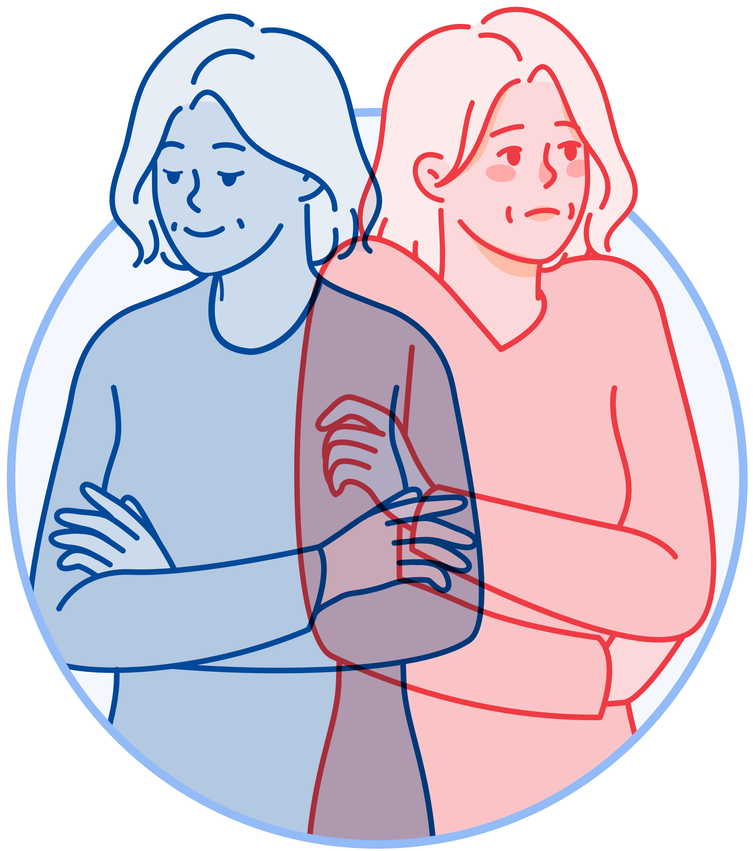
CareDry®

We see why nurses want more certainty; they need more complete female external catheters

BOEHRINGER®

The Unwanted Indignities

- Undignified incontinence care: shame, uncertainty, added financial pressures[5]
- Dignified management of incontinence: a key measure in patient satisfaction[5]
- Dignity-protective care: compassion, the use of discretion, and maintaining patient cleanliness and hygiene[5]



References

The Why | The How | The What

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BOEHRINGER®

The Surprising Statistics

- One of the most difficult parts of a nurse's job[6]—linked to 13,000 deaths/year[1]
- Nurses report frustration, powerlessness, and helplessness[7]
- The total annual costs to society estimated to be more than $86 billion[8]

References

The Why | The How | The What

CareDry®

We designed for reliable collection

BOEHRINGER®

We Applied Innovative Thinking

- We studied the unmet needs
- We addressed the dynamics of human anatomy, urine flow, skin health, degree of suction, and the forces of gravity
- We sought collection of more urine, maximum patient comfort, and minimal nurse uncertainty

The Why | The How | The What

CareDry®

We designed for reliable collection

BOEHRINGER®

We Focused on Easing the Burdens

- We sought more complete urine collection to better prevent skin discomfort, breakdown, and infections
- We explored designs to help increase trust and simplify management
- We looked to alleviate burdens on the healthcare system, staff time, and added costs

The Why | The How | The What

CareDry®

We designed for reliable collection

BOEHRINGER®

We Studied Dignity-Protective Care

- We strove to maintain dignity: more complete urine collection and more compassionate design
- We sought to raise nurse confidence: better collection with antibacterial protection
- We were committed to resolving the shame and uncertainty with a better option

The Why | The How | The What

CareDry®

Delivers complete 360° urine collection

BOEHRINGER®

Omnidirectional Design: More Complete Control

- Unique, 360˚ circumferential suction quickly draws urine away to protect the patient's skin integrity
- Optimal pore sizes and foam structure offer double the surface area to let nurses deliver more complete suction and urine collection
- Unlike with other female external catheters, circumferential suction does not rely on gravity for urine collection
- See CareDry rotating—from every angle

SEE WHAT MAKES CAREDRY® DIFFERENT

SEE CIRCUMFERENTIAL SUCTION IN ACTION

The Why | The How | The What

CareDry®

Delivers complete 360° urine collection

BOEHRINGER®

Optimal Leak Protection, More Compassionate Collection

- Anatomically conforming, medical-grade foam contours to each patient's unique body shape so nurses can protect against leaks in any position
- CareDry antimicrobials inhibit the formation of harmful bacteria* on the sponge
- Added bacterial protection and longer-use intervals help free up nursing time while keeping patients comfortable

SEE HOW IT CONFORMS TO ANATOMY

SEE ANTIMICROBIAL SUPPORT

*Data on file, Boehringer Laboratories.

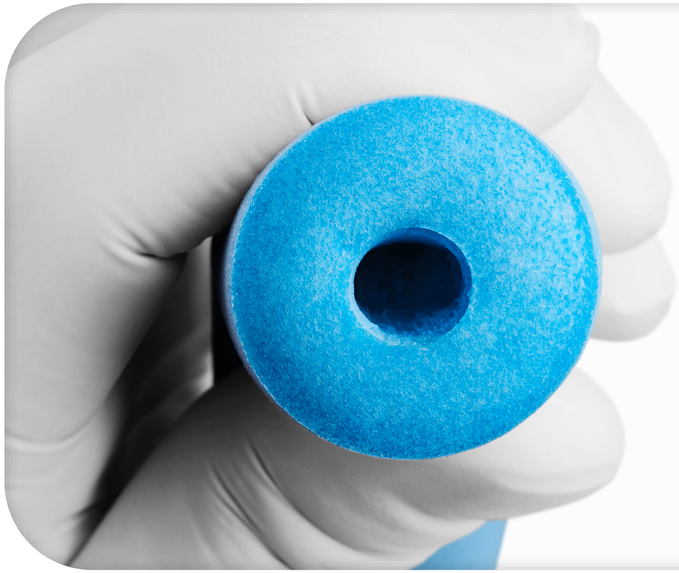
CareDry®

Delivers complete 360° urine collection

BOEHRINGER®

More Certainty, More Dignified Nursing Care

- Indicated for up to a 48-hour change interval, compared to an 8- to 12-hour change interval for other female external catheters*
- Continuous 360° of suction and antibacterial protection help nurses feel more confident in the care they provide
- More reliable urine control helps restore patient dignity, can impact their satisfaction and overall outcomes



SEE MORE COMPLETE URINE COLLECTION

SEE CAREDRY® PERFORM IN CHALLENGING CONDITIONS

*Indicated for up to 48 hours of use, compared to 8- to 12-hour change interval of other female external catheters.

CareDry®

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1. Gray M, Skinner C, Kaler W. External collection devices as an alternative to the indwelling urinary catheter: evidence-based review and expert clinical panel deliberations. *J Wound Ostomy Continence Nurs.* 2016;43(3):301-307.
2. Gray M, Bliss D, McNichol L. Moisture-associated skin damage: expanding and updating practice based on the newest ICD-10-CM codes. *J Wound Ostomy Continence Nurs.* 2022;49(2):143-151.
3. Tran C, Rodrigue D, Jones T, et al. Addressing CAUTIs with an external female catheter. *Am J Nurs.* 2023;123(1):50-55.
4. Murphy E, Joyce R, Roche A, et al. 148 Urinary incontinence: a hospital inpatient point prevalence study. *Age and Ageing.* 2023;52:(suppl 3).
5. Ostaszkiewicz J, Dickson-Swift V, Hutchinson A, et al. A concept analysis of dignity-protective continence care for care dependent older people in long-term care settings. *BMC Geriatr.* 2020;20(1):266.
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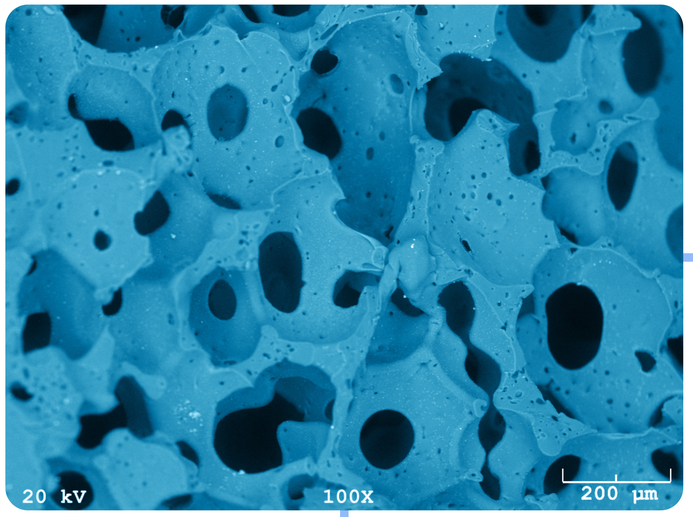
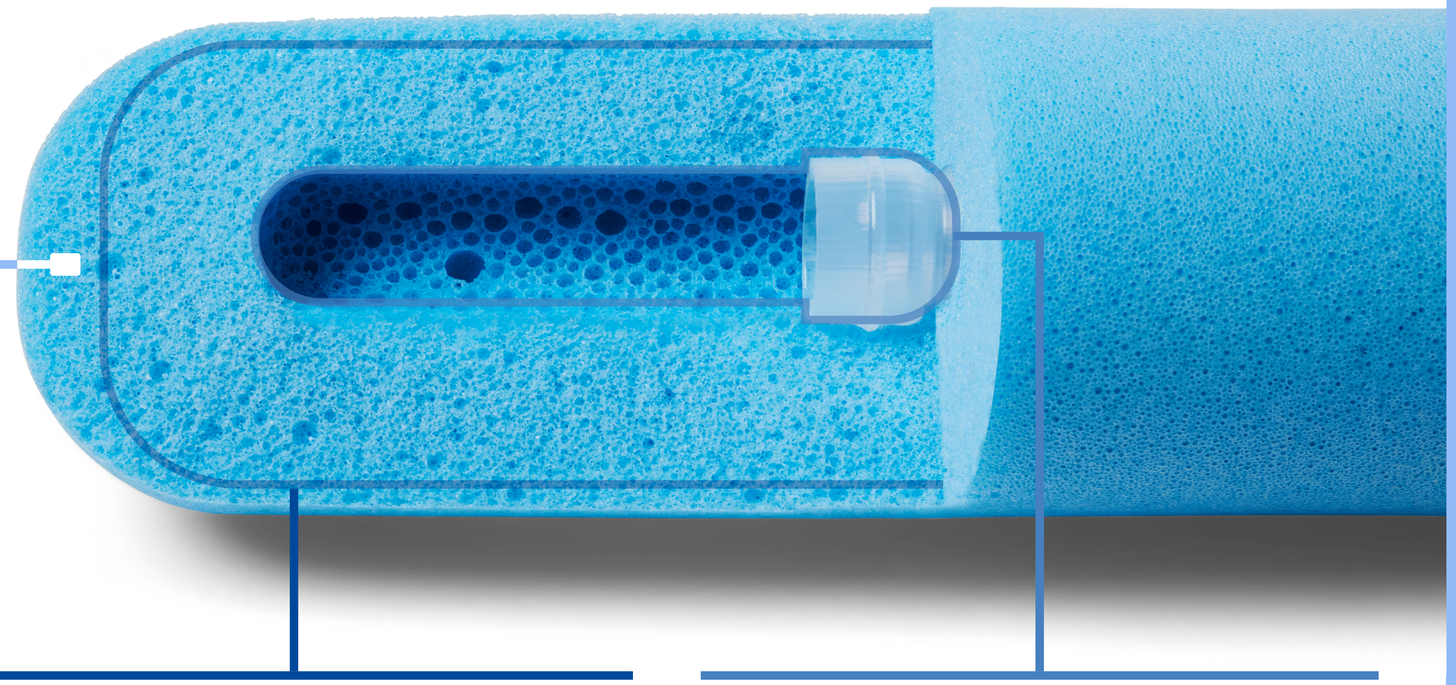
What Makes CareDry® Different

The 3 Phases of Circumferential Suction





1. Captures

Hydrophyllic, antimicrobial-infused foam holds 2x its original dry weight in liquid, when oriented vertically, for maximum containment

2. Transfers

Optimal suction effect is distributed evenly through the circumference of the sponge to maximize collection pathway

3. Removes

Continuous, high-flow suction removes collected fluid quickly and completely

Uniquely CareDry®

Proven Antimicrobial Protection

A recent test compared antimicriobial properties:

CareDry Foam: Infused with Zinc Omadine (Zinc, 2-pyridinethiol-l-oxide) and Thiabendazole (2-(4-Thiazolyl)1H-benzimidazole)

vs.

Control Foam: Open-cell polyurethane with no antimicrobial

Methods

Foam samples were placed in soy broth with the following microbes added:

- *Klebsiella pneumonia*
- *Candida albicans*
- Methicillin-resistant *Staphylococcus aureus* (MRSA)
- Carbapenem-resistant *Enterobacteriaceae Escherichia coli* (CRE *E. coli*)

Results

- CareDry foam allowed **zero microbial growth**
- CareDry achieved 5-LOG reductions at 24hrs and at all subsequent time points

Conclusion

CareDry antimicrobials protect the sponge against the growth of pathogens commonly implicated in CAUTIs

Foam samples were measured for presence of bacteria at 0, 24, 48, 72, and 96 hours.

All data shown as Log10 CFU/ml.

Microbe	*K. pneumonia*		*Candida albicans*		MRSA		CRE *E. coli*	
Test Time	Control Foam	CareDry Foam	Control Foam	CareDry Foam	Control Foam	CareDry Foam	Control Foam	CareDry Foam
0 hours	5.30	5.48	5.60	4.95	5.60	5.30	5.1	5.1
24 hours	9.70	0	7.16	0	7.24	0	7.0	0
48 hours	9.70	0	7.16	0	7.24	0	7.0	0
72 hours	9.70	0	7.16	0	7.24	0	7.0	0
96 hours	9.70	0	7.16	0	7.24	0	7.0	0