

A soft, disposable,
male urinal
designed for
individuals with
limited, or no
mobility

CAPABILITY STATEMENT



Zackcup - MALE URINE RECEPTACLE



ULTRA-COMFORT ~ Soft, lightweight, and gentle on the groin.

OPTIMAL FIT ~ Covers penis shaft without tightening due to custom fit.

LEAK-PROOF ~ Urine channels down to the super absorbent core.

ABSORPTION ~ Collar and walls of the tunnel remain dry.

GUSSET ~ Allows the lower chamber to expand.

BUSINESS SUMMARY

Zackcup LLC tackles the critical gap in male incontinence by developing a superior incontinence management solution (Zackcup) specifically for non-ambulatory men. The Zackcup offers a comfort-focused and skin-friendly alternative to current products like indwelling catheters and condom catheters etc. This innovation addresses a significant market need among the older population, providing a safer, more dignified option with strong commercial viability.

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COMPANY DATA:

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ZACKCUP LLC

~ NAICS 322291, 423450, 624120

~ Cage Code 8XN73

~ D&B 117928737

~ 8(a)

CERTIFICATIONS:

~ Women Owned Small Business (WOSB)

~ Minority Owned Small Business (MOSB)

~ Trademark 86795374

Core Competencies

- **Addressing a Critical Gap:** Developing a viable alternative to indwelling catheters and current incontinence products (adult diapers, pads, and catheters) for non-ambulatory or mobility-limited male users.
- **Commercial Potential:** Delivering a new product with significant advantages in comfort and skin integrity that targets the large older male population dealing with mobility and incontinence.
- **Targeted Solution:** Replacing less effective alternatives like the condom catheter, adult diapers, pads, and bedside urinal.

Past Performance Highlights (Volunteer Testing)

Our device has been successfully tested by volunteers, demonstrating significant advantages over existing external incontinence solutions, particularly in terms of ease of use, skin integrity, and user comfort.

Scope of Testing	Key Results and Impact	Key Feedback
Volunteer 1: Ease of Caregiver Application (Non-ambulatory husband, elderly caregiver)	The 82-year-old caregiver applied and discarded the device unassisted, requiring no turning or lifting of the user. Skin remained consistently dry with no irritation.	Caregiver: "Very easy to place on and easy to remove and discard." Giving her more time for self. Hospice nurses loved it.
Volunteer 2: Healing and Moisture Management (Non-ambulatory male, heavy night wetter with open sacral area)	The device effectively kept moisture away from the buttocks, scrotum, and inner thighs. The user's open sacral area healed shortly after device use began and did not return.	Caregiver: "No directions were needed. Easy to put on and easy to remove." Hospice nurses loved it.
Volunteer 3: Alternative to condom Catheter (Non-ambulatory male, severe swelling reaction from medication, Veteran with ALS, 100% bed bound)	The device accommodated severe swelling (requiring a custom modification) when no commercial condom catheter would fit.	User: "I no longer suffered from the pain and discomfort caused by using a condom catheter." All caregivers love the device.

Overall Competency Demonstrated

- **Superior Comfort and Safety:** Volunteers consistently found the device more comfortable than other external solutions.
- **Maintenance of Skin Integrity:** The device proved highly effective in keeping skin dry, leading to the healing of existing open wounds (sacral area), and preventing irritation and severe adverse reactions (swelling/infection) common with condom catheters.
- **Exceptional Ease of Use:** The device is intuitive, allowing elderly caregivers to use it without assistance, lifting, or detailed instructions, saving caregivers significant time and effort.

Performance Highlight: Adaptability and Development

The successful accommodation of Volunteer 3 demonstrates a key capability beyond product performance: rapid design adaptability and problem-solving under extreme clinical constraints.

- **Capability:** Flexible Design and Engineering Response
- **Demonstration:** When the user developed a severe and painful infection causing swelling that prevented the use of *any* commercial condom catheter, our team was able to immediately modify the device's design (increasing the opening size).
- **Impact:** This modification allowed the user to continue managing incontinence while the swelling subsided, directly eliminating his pain and discomfort and sustaining his care regimen **when standard products failed**.

Differentiators & Competitive Advantage

Our product offers compelling differentiators that address the fundamental shortcomings of existing male incontinence solutions, primarily the condom catheter.

- **Proprietary and Patented Technology:** Our device is protected by proprietary design and patent status, ensuring a unique solution that cannot be easily replicated by competitors.
- **Superior Comfort and Skin Health:** Unlike condom catheters, pads, and diapers, our design actively promotes skin integrity by preventing moisture contact, as demonstrated by the healing of open sacral wounds and the elimination of infection/swelling in volunteer testing.
- **Exceptional Ease of Use:** The product is intuitive and requires no special training, turning, or lifting of the user, making application and disposal significantly easier for elderly and unassisted caregivers.
- **High Quality with Built-in Improvement:** Although currently a working prototype, we are committed to high-quality manufacturing with the confidence that the final product will offer an even better end result, ensuring customer satisfaction and long-term reliability.
- **Design Flexibility:** Our core technology has demonstrated rapid design adaptability (as shown by custom modifications to accommodate severe swelling), assuring partners that future versions or modifications for unique population needs will not be an issue.
- **Competitive Pricing:** We are focused on ensuring our product is priced competitively with current solutions (condom catheters, specialty diapers), making the superior quality and health benefits accessible.