



**Opticell™** Wound Dressings  
Powerful Yet Gentle Moisture Management

## Exclusive *Forzagel*<sup>™</sup> Technology

Opticell's unique gelling attributes are the result of Forzagel technology. When moistened, the absorbent fibers of the dressing transform into a clear and conformable gel. With this gelling action, as well as its strength and absorbency, Opticell delivers outstanding benefits:

### An Optimal Healing Environment

- Managing moisture and promoting autolytic debridement
- Optimizing wound contact with a highly conformable low profile
- Maintaining wound coverage with Surface Area Memory (SAM)

### Gentle Patient Care

- Preventing maceration by wicking fluid only vertically, not laterally
- Reducing dressing change frequency with exceptional absorbency
- Separating gently from the wound in one piece using advanced Forzagel technology

### Ease of Use

- Providing versatility for a wide variety of wounds
- Promoting gentle, pain-free, one-piece removal
- Ensuring correct application and usage with our Educational Packaging

Opticell is also available in an antimicrobial version for broad spectrum antimicrobial efficacy: Opticell Ag+ (see pg. 7).

# An Optimal Healing Environment

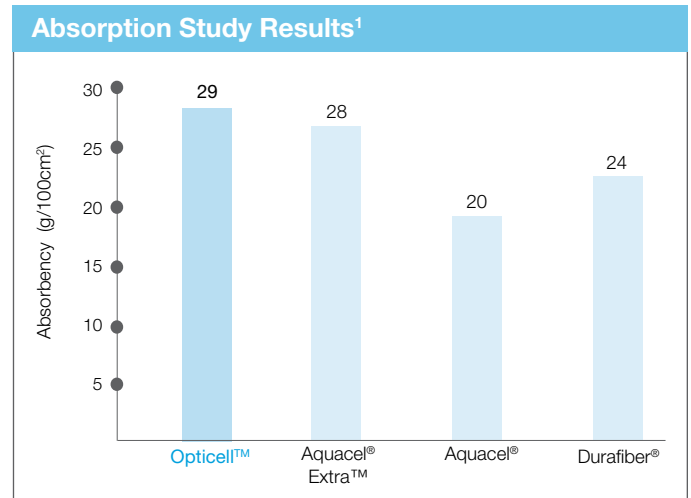
## Managing moisture and promoting autolytic debridement

Opticell's unique gelling action helps manage drainage and removes dead, damaged and infected tissue from the wound, trapping it for later removal at the dressing change. This natural, autolytic debridement is gentler on the wound than more traditional sharp or enzymatic processes, and it promotes a moist, wound-healing environment.

Opticell fiber dressing is a market leader in absorbency. A recent study compared Opticell's absorptive capabilities to those of our main competitors.<sup>1</sup>

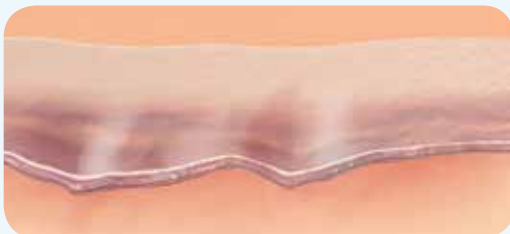
## Conforming to the wound

Opticell's conformable and thin profile provides optimal contact with the wound. The competition's dressings with reinforced fibers, on the other hand, exhibit a ridging effect that can limit wound contact.



## CONFORMABILITY

### Opticell



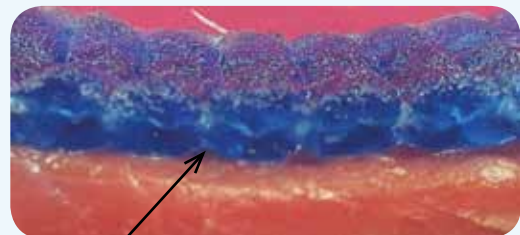
The smooth, thin and conformable profile provides for intimate contact with the wound.

### Reinforced Gelling fiber



Constrained expansion can limit intimate wound contact.

Thick ridges in the dressing lead to an uneven wound contact surface.

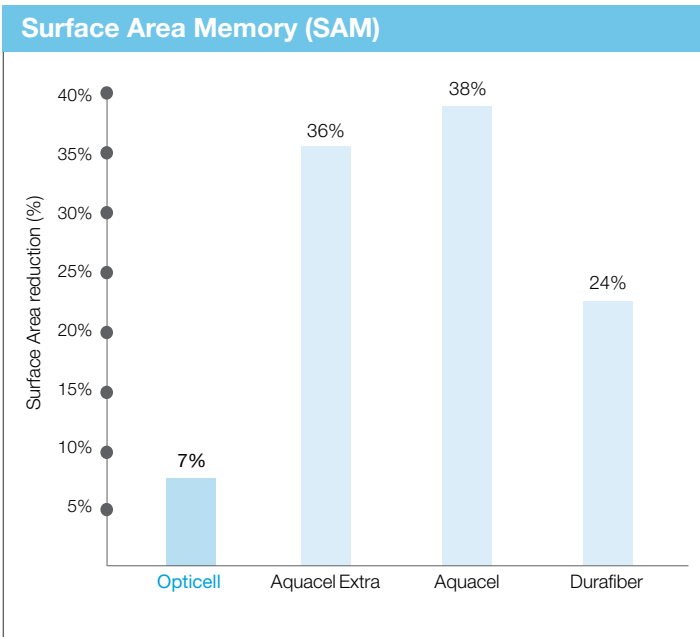


Constrained expansion can limit intimate wound contact.

These images demonstrate each dressing's ability to conform to a tissue substitute. Dressings were saturated with a blue solution for improved visualization.

## Retaining its shape and size to maintain complete wound coverage

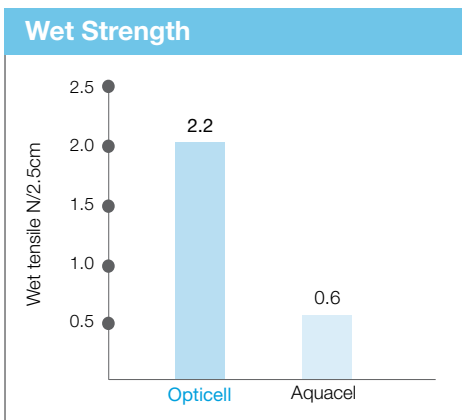
Opticell won't shrink under pressure! In a wound environment, Opticell retains its original size and shape better than the competition.



## Staying together in the wound with superb strength

Opticell is more than three times stronger than Aquacel's traditional gelling fiber.<sup>2</sup> Its exceptional strength makes it easy to remove because it won't fall apart in the wound.

A recent study compared Opticell's wet integrity to Aquacel's traditional gelling fiber.

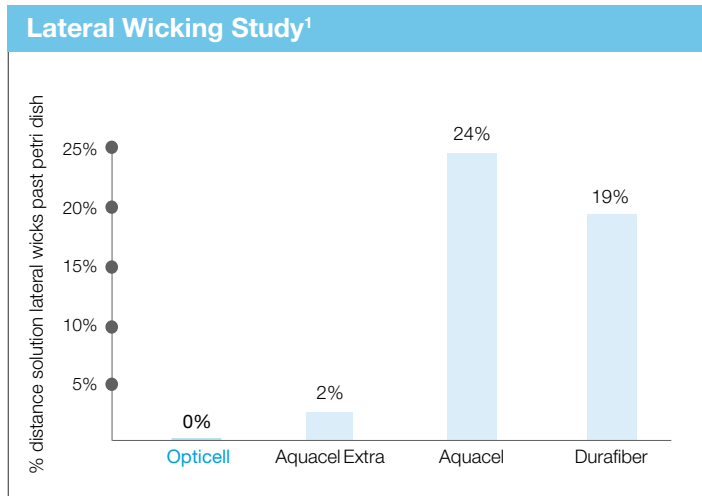


See the **Surface Area Memory (SAM) Demonstration** on the back cover of this brochure.

# Gentle Patient Care

## Helping to prevent maceration by wicking only vertically

Opticell's Forzagel technology wicks fluid only vertically, not laterally. This reduces the risk of periwound maceration because wound fluid is not able to migrate across the dressing to reach this vulnerable skin.



**OPTICELL'S  
POWERFUL  
ABSORPTION  
CAPABILITIES  
REDUCE  
DRESSING  
CHANGE  
FREQUENCY.**

## Reducing Dressing Change Frequency

Opticell's proprietary Forzagel technology delivers exceptional absorbency, reducing dressing change frequency. Consequently, patients are subjected to fewer dressing changes, wound bed disruption is minimized and treatment costs are reduced.

## Separating gently from the wound

Application and removal is gentle on wounds because of Opticell's strength and unique gelling properties.



# Ease of Use

## Providing versatility for a wide variety of wounds

Opticell is uniquely versatile because it can be used on wounds of all drainage levels. Opticell may be pre-moistened for effective use on dry or lightly draining wounds.

### INDICATIONS

- Partial- and full-thickness wounds
- 1st- and 2nd-degree burns
- Diabetic foot ulcers
- Venous stasis ulcers
- Arterial ulcers and leg ulcers of mixed etiology
- Pressure ulcers
- Surgical wounds
- Donor sites

### CONTRAINDICATIONS

- 3rd-degree burns
- Individuals with a known sensitivity to Chitosan, which is a derivative of shellfish, or silver

## Promoting gentle, pain-free removal

With Opticell's superb strength and unique gelling properties, application and one-piece removal is gentle on wounds and virtually pain-free for patients.

## Ensuring correct application and usage with our Educational Packaging

All the information you need—short and sweet. With our revolutionary educational packaging (EP), clinicians can quickly understand vital information about patient safety and proper application. Each package serves as a 2-minute course in wound care™. EP packaging ensures that you and your patients get the best performance Opticell has to offer.



# Opticell Ag+ Antimicrobial Efficacy

Opticell Ag+ delivers broad spectrum antimicrobial efficacy. The dressings contain 0.75% ionic silver by weight. When the dressing encounters a wound environment, silver ions are activated to manage bioburden. The silver inhibits the growth of bacteria and fungi, yet is completely harmless to skin cells (noncytotoxic).<sup>3</sup>

## In Vitro antibacterial efficacy of Opticell Ag+

Opticell Ag+ has been shown to kill many organisms over a 7 day period, including:<sup>3</sup>

- *Methicillin-resistant Staphylococcus aureus* (MRSA) ATCC 33591 — gram positive bacterium
- *Escherichia coli* ATCC 8739 — gram negative bacterium
- *Pseudomonas aeruginosa* ATCC 9027 — gram negative bacterium
- *Candida albicans* ATCC 10231 — yeast
- *Vancomycin-resistant Enterococcus faecium* (VRE) ATCC 51575 — gram positive bacterium
- *Staphylococcus aureus* ATCC 6538 — gram positive bacteria

## Ordering Information

### Opticell Gelling Fiber Wound Dressing

Item #	Ordering Description	Packaging
MSC7822EP	Opticell, 2" x 2" (5.1 cm x 5.1 cm), Sheet Dressing	100/cs 10bx/cs 10ea/bx
MSC7844EP	Opticell, 4.25" x 4.25" (10.8 cm x 10.8 cm), Sheet Dressing	50/cs 5bx/cs 10ea/bx
MSC7866EP	Opticell, 6" x 6" (15.2 cm x 15.2 cm), Sheet Dressing	50/cs 10bx/cs 5ea/bx
MSC7818EP	Opticell, 0.75" x 18" (1.9 cm x 45.7 cm), Ribbon Dressing	50/cs 10bx/cs 5ea/bx

### Opticell Ag+ Gelling Fiber Wound Dressing with Antimicrobial Silver

Item #	Ordering Description	Packaging
MSC9822EP	Opticell Ag+, 2" x 2" (5.1 cm x 5.1 cm), Sheet Dressing	100/cs 10bx/cs 10ea/bx
MSC9845EP	Opticell Ag+, 4" x 5" (10.2 cm x 12.7 cm), Sheet Dressing	50/cs 5bx/cs 10ea/bx
MSC9866EP	Opticell Ag+, 6" x 6" (15.2 cm x 15.2 cm), Sheet Dressing	50/cs 10bx/cs 5ea/bx
MSC9818EP	Opticell Ag+, 0.75" x 18" (1.9 cm x 45.7 cm), Ribbon Dressing	50/cs 10bx/cs 5ea/bx
MSC98812EP	Opticell Ag+, 8" x 12" (20.3 cm x 30.5 cm), Sheet Dressing	50/cs 10bx/cs 5ea/bx

# Surface Area Memory (SAM) Demonstration

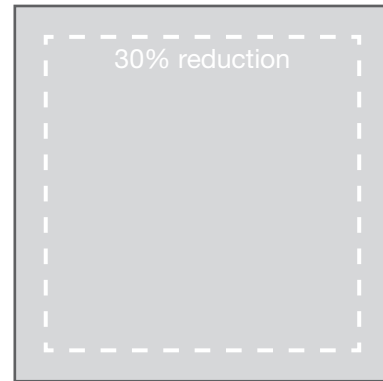


**Opticell**

1. Place a 2" x 2" Opticell dressing in the square above.
2. Pour exactly 5 ml of water on the center of the dressing.

## OBSERVATIONS

*As Opticell absorbs wound exudate, it maintains its size better than Aquacel.*



**Aquacel**

1. Place a 2" x 2" Aquacel dressing in the square above.
2. Pour exactly 5 ml of water on the center of the dressing.

## OBSERVATIONS

*Fluids can reduce the Aquacel dressing's surface area up to 38%.*



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#### References

1. Lab testing data on file. 2. Data on file. 3. In-vitro antibacterial data on file.