

## RTD® WOUND DRESSING

Inter-Active Elements: Silver Ions, Methylene Blue, Gentian Violet,  
and Capillary-Suction-Therapy (CST) Polyurethane Foam



**KENERIC**  
HEALTHCARE

## WHAT IS RTD® WOUND DRESSING?

RTD® is a proprietary highly absorbent antimicrobial foam with Methylene Blue (0.25 mg/g), Gentian Violet (0.25 mg/g) and Silver Ion (7 mg/g) integrated into the polymer matrix. RTD® is the universal quick-closing, moist, advanced oxygenation, capillary-suction-therapy and biofilm reducing dressing with bio-burden sequestration.

### Indications for Use:

RTD® Wound Dressing is indicated for the treatment of partial to full thickness wounds with light to heavy exudate, including pressure ulcers, venous stasis, arterial ulcers, diabetic foot ulcers, graft wounds, donor sites, surgical/post-operative wounds, 1st and 2nd degree burns, lacerations, abrasions and any other wound inflicted by trauma.

## RTD® FEATURES AND BENEFITS

### Interactive ingredients: Silver, Methylene Blue and Gentian Violet, CST foam

- Draws protein rich exudate away from wound; creates a favorable wound healing environment
- Effective antimicrobial and antifungal properties; reduces bacterial load<sup>1</sup>; due to singlet oxygenation
- Early and sustained antimicrobial protection<sup>2</sup>; sequential use removes biofilm
- Analgesic; significant pain reduction reported<sup>3</sup>
- Non-cytotoxic<sup>2</sup>; use throughout the continuum of care for all four stages of wound healing
- Cost effective; reduces healing time<sup>4</sup>; use up to 3 days and simplifies inventory
- One dressing for all of your needs

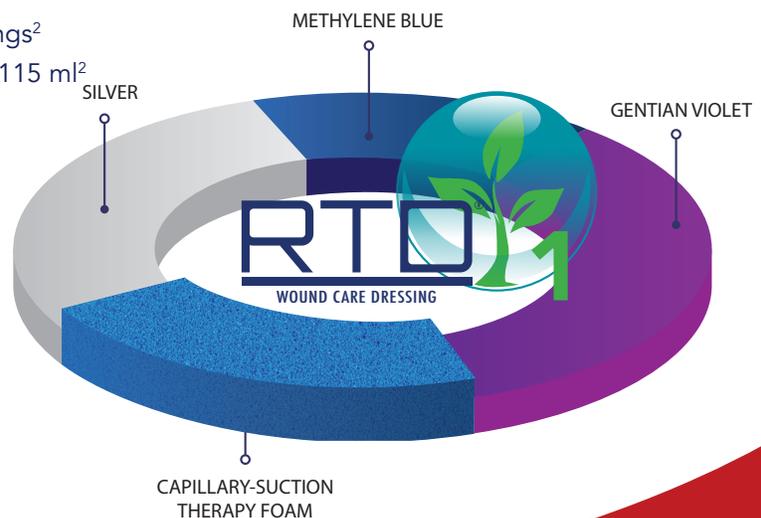


### Proprietary technology: Active ingredients are integrated into foam matrix

- Open cell structure; wicks exudate vertically
- Absorbs 1,110 mg/cm<sup>2</sup>; > 25% more than other foam dressings<sup>2</sup>
- Holds 20 x its weight in exudate. A 4 x 4 x ¼ dressing holds 115 ml<sup>2</sup>
- Interactive ingredients are tightly bound with the foam
- Regulates wound bed moisture; little to no maceration

### Polyurethane foam is soft pliable and surface conforming:

- Easy to use. Ready to apply. No need to hydrate before use
- Can be easily cut to size of wound bed and peri-wound
- Versatile; can be used for multiple wound types



## RTD® INTER-ACTIVE MECHANISM OF ACTION

### Methylene Blue

- Catalyst for singlet oxygenation
- Strong Cation: draws negatively charged bacteria
- Historically proven, safe anti-microbial
- Attacks gram (-) negative bacteria

### Gentian Violet

- Attacks gram(-) and gram(+) bacteria
- Antibacterial and Antifungal
- Analgesic

### Silver Ion

- Silver ions (Ag+) are slowly, continuously released in the presence of exudate
- Amount of Silver ions released are proportionate to the amount of exudate
- Silver ion (Ag+) binds to bacterial cells
- Penetrates and kills gram (-) and gram (+) bacteria

### Medical Grade Polyurethane Foam

- Capillary suction therapy (CST): pulls liquefied biofilm and bacteria from wound bed
- Bio-burden sequestration: strips toxins and debris and sequesters into foam matrix for disposal, preventing antimicrobial resistance
- Autolytic debridement

## SYNERGISTIC INTERACTION

### Singlet Oxygen

- A high energy form of oxygen which is highly reactive with bacteria
- Co-combine into O<sub>2</sub> which locally encourages healing
- Natural antimicrobial defense
- No known antimicrobial resistance to singlet oxygen
- Derived from methylene blue
- Green technology



RTD® WOUND DRESSING IS AVAILABLE IN A VARIETY OF SIZES AND THICKNESSES AND CAN BE PURCHASED THROUGH MOST HEALTHCARE DISTRIBUTORS.

AVAILABLE SIZES:



| PRODUCT SIZE  | PRODUCT THICKNESS | EXUDATE LIGHT TO HEAVY | EXUDATE MODERATE TO HEAVY | ANTIMICROBIAL / ANTIFUNGAL | ANALGESIC | STACKING |
|---|-------------------|------------------------|---------------------------|----------------------------|-----------|----------|
| 2X2 INCHES<br>4X4 INCHES<br>4X5 INCHES<br>8X16 INCHES | 1/4 INCH          |                        | ●                         | ●                          | ●         | ●        |
| 2X2 INCHES<br>4X4 INCHES<br>4X5 INCHES                | 1/8 INCH          | ●                      |                           | ●                          | ●         | ●        |

For more information on how to order or for a RTD product trial please call 1-855-872-2013 or email [CustomerService@KenericHC.com](mailto:CustomerService@KenericHC.com)



References:

- 1.) Keneric Healthcare: Data on file 2014
- 2.) Keneric Healthcare: Data on file 2006

- 3.) Keneric Healthcare: Data on file 2006
- 4.) Marcus B, Kaufman K, Chio T. Case Closed: A dressing for chronic and acute wounds. *Ostomy Wound Manage.* 2014; 61(4):12-14.



**KENERIC**  
HEALTHCARE

[www.KenericHealthcare.com](http://www.KenericHealthcare.com)