



## **Care-Tech<sup>®</sup> Wound Care System Protocol** **Antibiotic Replacement Therapy**

### **Product Information • O-T-C Pharmaceuticals**

#### ***Techni-Care<sup>®</sup> Wound Cleanser • Sepsis Prevention • Bacteriocidal***

Broad spectrum, non-toxic, topical microbicide. Non-toxic to regenerating cells. Accelerates tissue regeneration. 99.99% bacteria reduction in 30 second contact usage. Effective against gram-positive and gram-negative bacteria including MRSA, VRE, anti-viral, and antifungal. No contra-indications in wound therapy. Safe for use on mucous membranes. Use daily to decontaminate suture sites. Techni-Care<sup>®</sup> is a cationic, biomimetic structure which mimics structurally and functionally the natural phospholipids which aids in healing.

#### ***Clinical Care<sup>®</sup> Dermal Wound Cleanser • Amphoteric Antimicrobial Solution***

No-rinse solution that aids in removing debris and particulate matter from dermal wounds. Inhibits the growth of pathogens such as *S. aureus*, *E. coli*, and *P. aeruginosa* for faster rates of healing. Replaces the use of sterile saline in wound irrigation procedures with a cleansing solution for decontamination.

#### ***Care-Creme<sup>®</sup> Transdermal Cream • Topical Antimicrobial***

Topical antimicrobial wound care crème enriched with vitamin A, D, and E which eliminates redness and soreness from irritated tissue, Grades I through IV skin ulcers, and around ostomy sites. Proven effective on dermatitis, glove irritation, radiation burn, and as a preventive treatment. Contains no metallic ions. Over-The-Counter Pharmaceutical with no contra-indications of use. Provides moist wound healing environment as well as nutritional supplements to promote the natural autolytic healing process. Broad spectrum including gram-negative, gram-positive bacteria, yeast and fungi.

#### ***Barri-Care<sup>®</sup> Moisture Barrier Ointment • Topical Antimicrobial***

Antimicrobial barrier ointment with Cassein and vitamins A, D, and E. Extremely effective relief of 1<sup>st</sup> and 2<sup>nd</sup> degree burns. Applicable for Grades I through IV skin breakdown and around ostomy sites. Barri-Care<sup>®</sup> is an Over-The-Counter Pharmaceutical with no contra-indications for usage. Protects healthy tissue around outside wound edges from further deterioration. Protection from wound exudate/drainage.

#### ***Humatrix<sup>®</sup> Microclysmic Gel • Bacteriostatic***

Provides endothermic and biometric properties to cool traumatized tissue and aid in the homeostasis of healing. Humatrix<sup>®</sup> Microclysmic provides the ultimate moisturization for burns, autograft procedures, radiation irritation, glycolic acid peel, mechanical injuries, laser treatment, and chronic wound therapy. Promotes rapid cellular regeneration. Humatrix<sup>®</sup> will not support the growth of micro-organisms.

### **Wound Therapy Protocol • Topical Antimicrobial Technology**

#### **At Each Wound Dressing:**

1. Apply Techni-Care<sup>®</sup> with a sterile 4x4 or cotton tip applicator to wound bed to eliminate bacteria and soften tissue. Gently scrub wound bed for 2 minutes to loosen necrotic tissue and stimulate antimicrobial action.
2. Irrigate with Clinical Care<sup>®</sup> Dermal Wound Cleanser to remove organic materials.
3. Soften hardened keratin around periphery of wound site with Care-Creme<sup>®</sup> vitamin enriched transdermal cream as well as to provide nutritional elements to damaged tissue. Care-Creme<sup>®</sup> can be applied sparingly to a wound bed with a sterile 4x4 in a blotting motion.
4. Cover wound bed with Humatrix<sup>®</sup> Microclysmic Gel approximately 2-4mm thick in order to provide a bacteriostatic template for fibroblast regeneration and wound moisturization with time release.
5. Cover entire wound bed with a sterile gauze (fine mesh preferred) dressing material to promote healing and enhance moist environment. Change dressing daily or as directed by physician.

#### **--Optional--**

6. For excess exudate, cover periphery of wound with Barri-Care<sup>®</sup> antimicrobial ointment to protect surrounding intact skin from drainage or moisture. This procedure will contain further wound expansion or breakdown of healthy tissue.

**Note: Discontinue all use of topical antibiotics with use of protocol. Significant improvement should be noted within 24 hours of implementation, i.e., odor elimination and pink tissue response.**