



**Techni-Care<sup>®</sup> Surgical Scrub & Prep**  
**Facial Skin Preparation**  
**Surgical Site**

**Purpose:** To define standard skin preparation used to prepare the facial surgical site and to ensure skin microorganisms are brought to a reducible minimum in the effort to protect the patient from postoperative infection.

**Healthcare Personnel**

**Hand Hygiene:** Wash hands with Techni-Care<sup>®</sup> prior to gloving following labeled instructions on each container.

**Prep Supplies:** Sterile facial sponge or sterile 4X4, one container of Techni-Care<sup>®</sup> (Product Code – C222-4ZWO) 4 ounce size or (Product Code – C222-Unidose) 12 ml packets and sterile gloves.

Inspect patient carefully for signs of make-up, which may still be in existence on facial areas, ears and neck. If heavy make-up or residues exist, instruct patient to wash and rinse facial area with a soft, clean washcloth, warm water and Techni-Care<sup>®</sup> prior to beginning surgical site preparation. This pre-cleansing should be accomplished by the patient in the normal manner in which they perform facial cleansing. It will also assist in assessing if the patient may have any sensitivity to Techni-Care<sup>®</sup> prior to surgery.

**Physiology Note:** The depth of the epidermis is the thinnest on the face in comparison with other parts of the body. An elderly patient with very little fatty layer remaining will have an extremely thin epidermis and free nerve endings much closer to the surface. Techni-Care<sup>®</sup> is a cationic formulation, which means it will bond rapidly to the epidermal layer and may cause a slight tingling sensation with free nerve endings. This is normal and somewhat like 2 magnets bonding together with a net negative charge to a positive charge. We recommend that patients be advised they will experience a slight tingling sensation for 2-3 minutes as free nerve endings begin responding to this slight cationic charge. Techni-Care<sup>®</sup> should not be allowed to dwell in the eyes. It will cause irritation and should be rinsed immediately. Techni-Care<sup>®</sup> will cause an **accelerated sloughing off** of dead skin particles as it efficiently degreases the face.

**Facial Site Preparation:** Apply **Techni-Care<sup>®</sup>** directly from the bottle to surgical sponge or sterile gauze. Blot gently onto surgical field and those areas in contact with site. Allow to air dry or blot excess with sterile towel. It is not necessary to rinse or remove Techni-Care<sup>®</sup> after surgery; **although we do recommend rinsing those areas where the dermis is delicate, i.e., ears, face, eyelids and necks of elderly patients or those with severely dry skin.**

Due to the minimal level of bacterial load around eyes, eyelids and lashes and given the sensitive nature of this dermal tissue, it is acceptable to dilute Techni-Care<sup>®</sup> at a 50% level with sterile water. This can also be accomplished by using a sterile applicator already saturated and applying Techni-Care<sup>®</sup> by drop directly to the moistened applicator.