Sodium Hypochlorite Hydrogel Debrides Necrotic Wound Tissue

Necrotic L heel ulcer

Problem
- Painful venous stasis dermatitis
- Multiple weeping venous leg ulcers
- CHF, COPD, PVD
- Sleeps sitting up

Treatment
- Hypochlorite gel* for debridement and biofilm control
- Layered compression dressings

Outcome
- Sodium Hypochlorite gel debrides VLUs
- Wounds heal in 8 weeks
- Fuzzy Wale Elastic Compression** controls stasis dermatitis

Venous stasis dermatitis and weeping ulcers

Problem
- Shock, sepsis in ICU
- Peripheral vascular disease

Treatment
- Daily dressing changes
- Hypochlorite gel* for debridement and biofilm control

Outcome
- Wound heals without skin grafting

Abstract

Problem
- Multiple weeping venous leg ulcers
- CHF, COPD, PVD
- Sleeps sitting up

Treatment
- Layered compression dressings

Conclusion
- Fuzzy Wale Elastic Compression controls stasis dermatitis

Reference
- Redlich, D, et al. "Sodium Hypochlorite Gel to ‘debride’ exuberant granulation. Near complete eschar. Prior publications feature the antimicrobial effects of reactive oxygen free radical - we observe that hypochlorite gel* is about ‘therapeutic nihilism’ that wounds were not healing.

Lymphorrhea

Problem
- Recurrent painful refractory VLUs, treatment week #22
- Lymphedema of morbid obesity
- Comorbid AODM, depression
- CHF, sleeps in chair
- Refused mechanical debridement

Treatment
- Sodium Hypochlorite Gel to “debride” exuberant granulation
- Layered Jones compression dressing

Outcome
- Near complete healing with five weeks of hypochlorite gel debridement

Photos document debridement and healing of all wounds. Pain and bioburden control is discussed.

Conclusion
- Sodium Hypochlorite gel has the advantage that reactive oxygen species are released from hydro gel slowly for up to 3 days. In addition to killing biofilm bacteria, reactive oxygen species break bonds between proteins. Anecdotal experience suggested Na Hypochlorite gel has the advantage that reactive oxygen species are released from hydro gel slowly for up to 3 days. In addition to killing biofilm bacteria, reactive oxygen species break bonds between proteins. Anecdotal experience suggested

**EdemaWear®, Compression Dynamics LLC, Omaha, NE
Anacapa® Technologies, Inc. San Dimas, CA
* Anasept® Antimicrobial Skin & Wound Gel, Entrepreneur, Inc., Scottsdale, AZ

Photo shows soft debridement results, note exudate on terry