# An expanded evaluation of a dressing with negatively charged fibers in an outpatient wound center

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Day 80 closed

### SARATOGA HOSPITAL

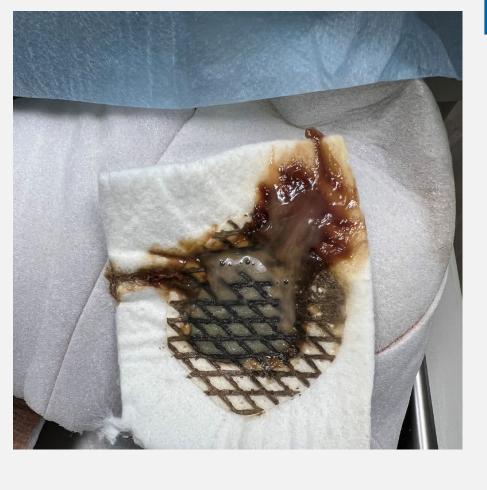
### Background

- •Two well understood and documented components of wound bed preparation (WBP) include removal of devitalized tissue and management of surface bioburden. A new absorbent fiber dressing incorporating negatively charged fibers\* (NCF) combined with silver salts had reports of interesting attraction to positively charged slough, particularly following cleansing/soaks with a pure hypochlorous acid preserved (pHA) cleanser to enhance the positive charge of the wound surface material.
- •We evaluated this new dressing for continuous debridement of visually apparent slough in a variety of wounds, including wounds stalled for a variety of reasons including poor tolerance of maintenance debridement, atypical wounds with concerns for pathergy, and hypergranulation tissue. We also experimented with application techniques including application of an appropriate size as the primary dressing, cutting the dressing to fit in wounds with depth and bolstering with a secondary absorbent dressing.
- •The ease of use for both clinic staff and patient self-application has been noted. Of significance is the ability to leave the dressing in place for debridement versus daily dressing changes and the cost savings versus topical enzymatic ointments. An additional bonus is that we were already utilizing a pure hypochlorous acid preserved cleanser which newer evidence suggests enhances the effectiveness of the dressing technology.

## Illustration of the exudate created by dislodging slough







### Cases: Examples of outcomes in a variety of wounds

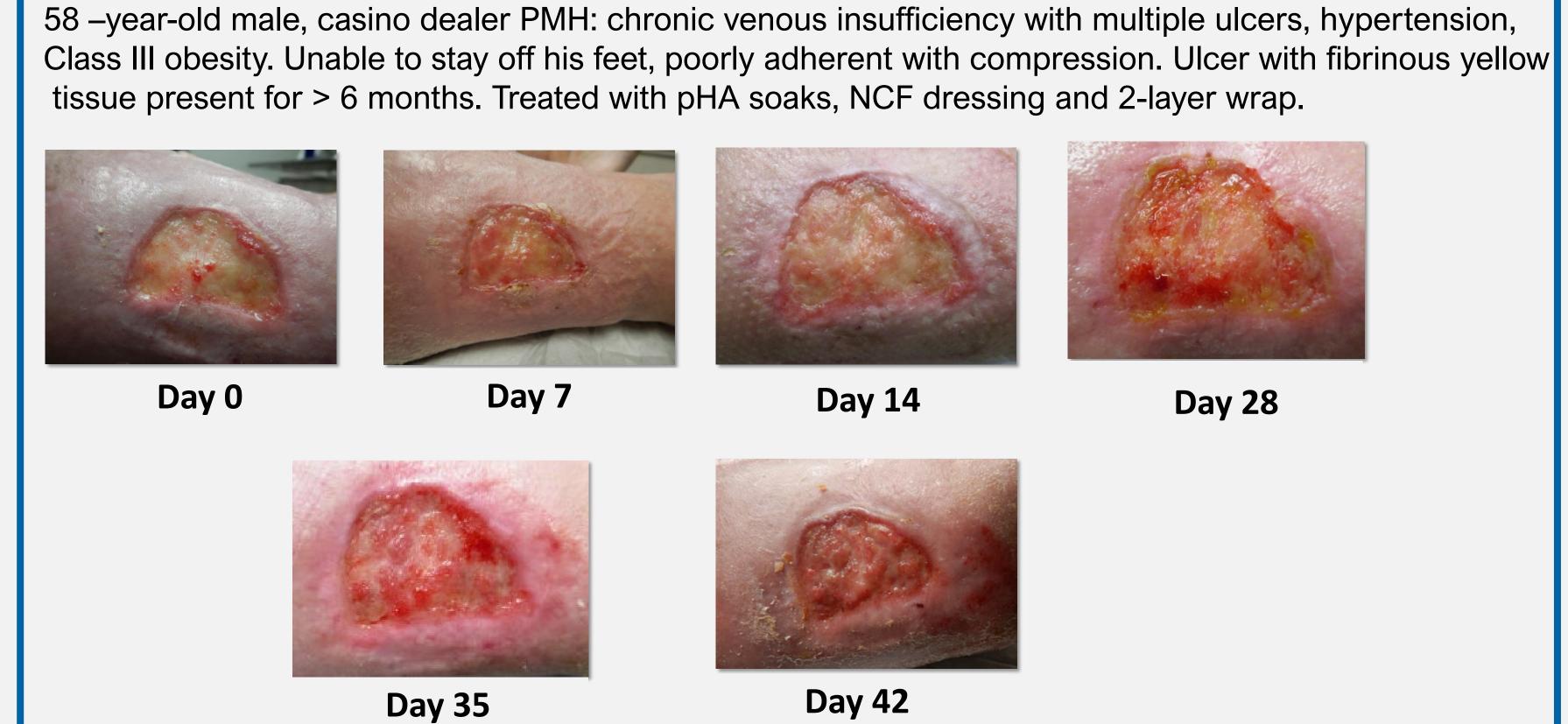
62-year-old female, PMH: rheumatoid arthritis, chronic venous insufficiency and pyoderma gangrenosum. On multiple anti-inflammatory medications. Treated with pHA soaks, NCF Dressing and 2-layer wrap.

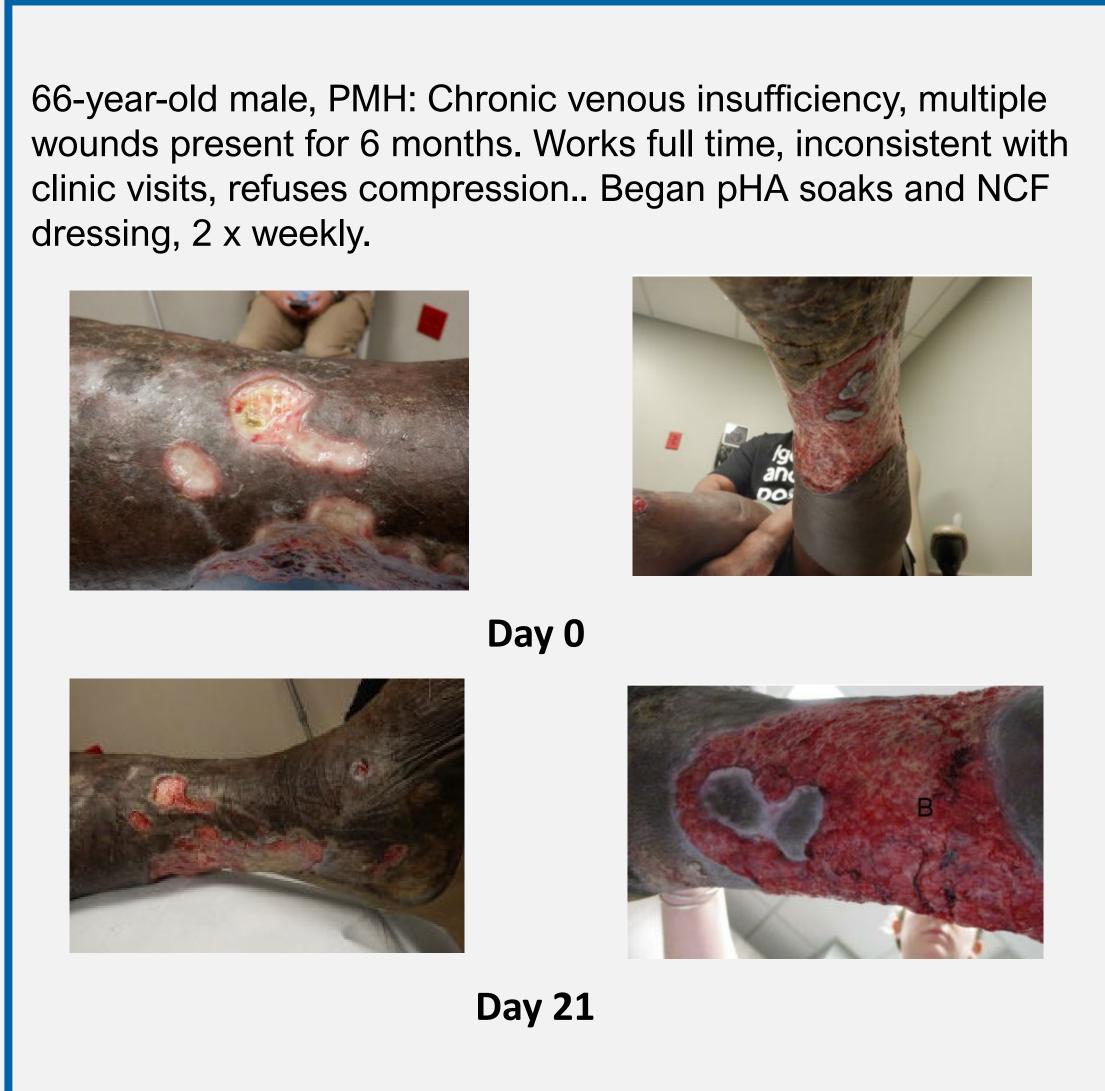
Day 0 12.5 sq cm

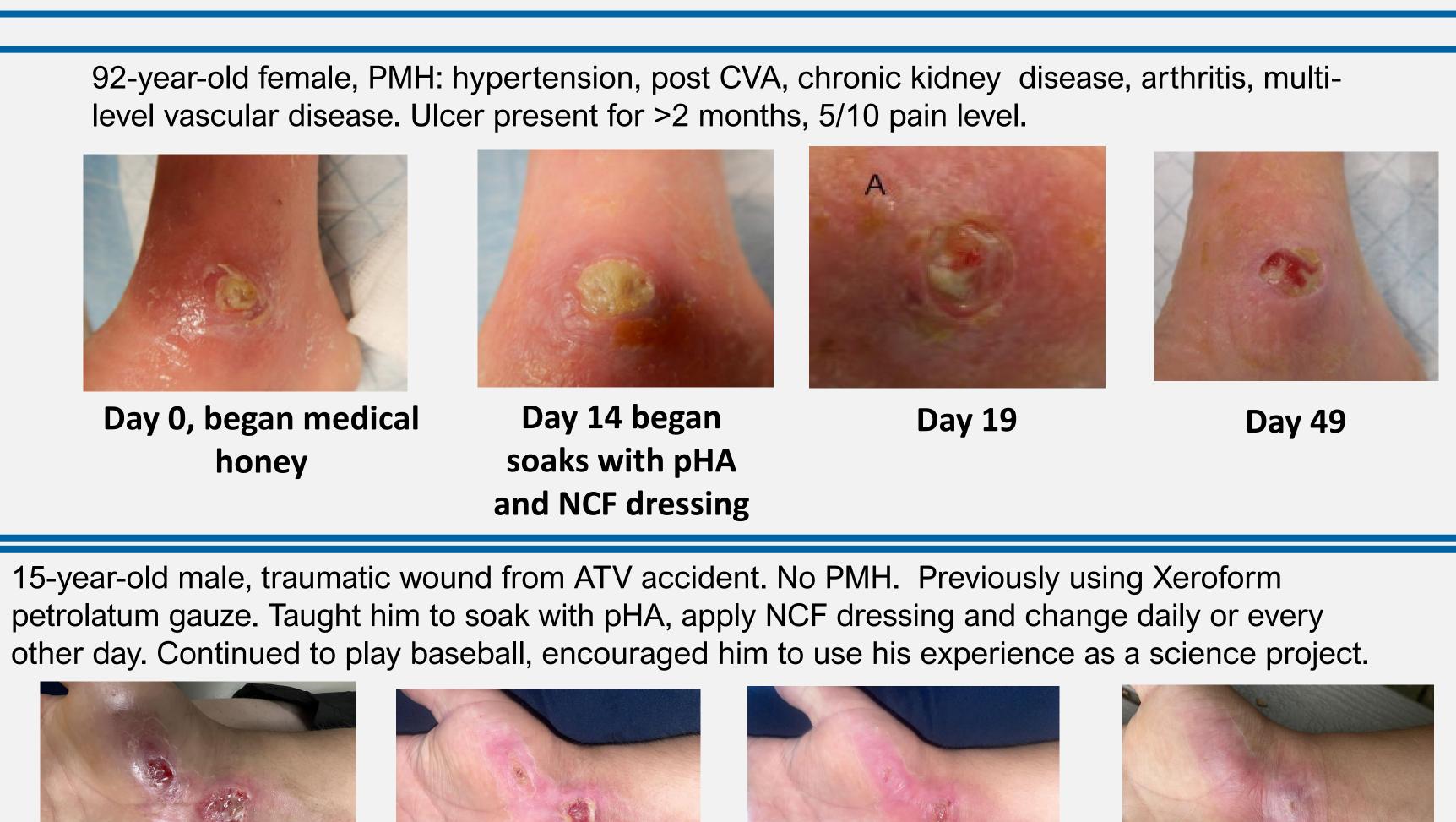
Day 9 5.4 sq cm

Day 17 5.5 sq cm

Day 30 5.5 sq cm







Day 6

#### **Key Findings and Discussion**

• The ease of use and the ability to leave the dressing in place for debridement versus daily dressing changes and the cost savings versus topical enzymatic ointments. An additional bonus is that we were already utilizing a pure hypochlorous acid preserved cleanser which newer evidence suggests enhances the effectiveness of the dressing technology.

Day 0

 Of note is the importance of patient/carer education as to the expected appearance of the exudate noted upon dressing removal as slough dislodges.



**Day 11** 

**Day 20**