Problem
- Acute stage dermatitis with bilateral weeping skin lesions
- Torso rash, presumed antibiotic allergy
- Comorbidities: Obesity
- Sleeps sitting up, Pickwickian Syndrome
- Hypertension on hydrochlorothiazide (HCTZ)
- Mild CHF with swelling

Treatment
- Biweekly foam compression wraps
- After 4 weeks of limited response salt restriction initiated
- Pt. resumes every day HCTZ diuretic for blood pressure
- Fuzzy wale elastic compression*

Outcome
- Dermatitis clears, weeping wound heal with 7 weeks of compression, oral diuretics and Na restriction
- Discharged on lifelong fuzzy wale elastic textile compression* and Na restriction to prevent recurrent dermatitis

Problem
- June heat with recurrent, painful, weeping, bilateral, venous ulcerative stage dermatitis
- Skin breakdown due to maceration and bacterial colonization
- Comorbidities: Effective dosage of diuretic Rx for heart failure was complicated by two prior bouts of painful renal calculi
- Obesity
- Pickwick syndrome, sleeps sitting in recliner

Treatment
- Fuzzy wale elastic compression stockinet*
- Restrict salt
- Take diuretic, hydrochlorothiazide, every day

Outcome
- Wounds heal day #52
- Kidney stones were contraindication to increased diuretic

Problem
- Bilateral stasis dermatitis
- Weeping L.Pretibial Traumatic venous leg ulcer
- Comorbidities: Obesity
- COPD on nasal CPAP
- Pickwick syndrome, sleeps sitting in recliner
- Heart failure on furosemide

Treatment
- Omaha Dressing with fuzzy wale compression + cast padding + nylon stocking
- Furosemide diuretic - dose doubled

Outcome
- Furosemide dosage doubled to control edema
- Fuzzy wale elastic compression stockinet*
- VLU healed at day 35

Reference
- Palumbo, A. S., J Vascular Intervent Radiol 1997; 8:35-42
- A retrospective anecdotal case study of three patients requiring two procedures for removal, his nephrologist refused to increase diuretic dosages.
- Due to CHF? Difficult to diagnose in elderly wound patients who often stop taking the diuretics on medication lists, who increase salt intake, or have comorbid renal disease, that leads to swelling and at-risk complication. All wounds healed. No adverse event.

Summary
- Diuretics speed wound healing:
  - Take diuretic,
  - Restrict salt
  - Fuzzy wale elastic compression stockinet* and Na restriction to prevent recurrent VLUs, we now recommend salt restriction and compliance with diuretic medication prescription in conjunction with lifelong use of fuzzy wale elastic textile compression for 50 percent rate of reoccurrence in 18 months.
- To prevent recurrent VLUs, we now recommend salt restriction specifically to move water out of subcutaneous fat. Our experience, anecdotal over five years, is that fuzzy wales are therapeutic gesture by physicians who ‘just want to make sure’.