An Evidence Based Algorithm for Treating Venous Leg Ulcers Utilizing the Cochrane Database of Systematic Reviews

**Ulcer Treatment**
1. Debridement of ulcer
2. Exudate management and moisture balance
3. Infection Control
4. Address any systemic condition

**Compression (2) *Gold Standard***
- Multi-Layer Elastic Compression Dressing Should Always Be Used
- Unless there is concurrent arterial disease
- Use Intermittent Compression Pumps for patients that cannot use multi-layer compression (8)

**Negative Factors (6)**
1. Ulcer > 10cm²
2. Duration x>12 months
3. PAD
4. X>50% of fibrous tissue

**Failure to get closer of x>40% in 4 weeks (?)**

**Rationale**
- Continue Compression and Wound Management

**Healed ulcers should be maintained with compressive stockinette and appropriate skin care. Possible surgical intervention to prevent recurrence.**

---


---

Prepared by Howard M Kimmel DPM, MBA, F.A.C.F.A.S.
Residency Director, Louis Stokes VHA Senior Clinical Instructor, Case Western Reserve University School of Medicine
Cleveland, Ohio