Yarn Focused Compression Controls Ischemia in Patients with Difficult Wounds

**Problems**
- Ischemic R leg claudication for 15 years
- Malleolar ulcer formed when heart failure and hypertension worsened

**Rx**
- Longitudinal Yarn Compression (LYC) stockinet and oral platelet suppression

**Outcome**
- Ulcer healed in spite of cardiomyopathy that led to death shortly after last photo

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**Problems**
- Paraplegic amputee
- Severe R leg ischemia
- Lateral malleolus and fifth metatarsal head ulcers

**Rx**
- VAC® discontinued
- Longitudinal Yarn Compression (LYC) stockinet placed in direct contact with ulcer surface

**Outcome**
- Ulcers heal with eight weeks of LYC therapy

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**Problems**
- Necrotic toes due to Raynaud’s Syndrome
- Each winter, patient developed patches of necrotic skin on her toes
- Raynaud described vasospasm due to cold

**Rx**
- Longitudinal Yarn Compression (LYC) stockinet seems to improve skin perfusion

**Outcome**
- Raynaud’s skin necrosis heals over 10 weeks with LYC stockinet and oral calcium channel blocker

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**Problems**
- Device ankle pressure ulcer
- Profound arterial ischemia
- Occlusive arterial disease and vasospasm
- Wheelchair bound

**Rx**
- NPWT healing “stalls out”
- Longitudinal Yarn Compression (LYC) textile appears to improve skin perfusion

**Outcome**
- Ulcer heals in spite of profound ischemia due to occlusive disease and vasospasm