Ischemic Limb Pain With Paraplegic Neuropathic Pain

Problem:
- Right foot pain poorly controlled with OxyContin and Depakote

Outcome:
- Oral Methyl Folate * brings relief to pain

Neglected Recurrent Stasis Ulcers

Problem:
- Wound pain disturbed sleep leading to depression.
- Wound Co morbidities:
  - Limited resources for travel, hygiene, self care and medications
  - Poor nutrition
  - Tobacco use

Outcome:
- Painful wounds interfered with sleep and caused depression.
- Pain was poorly controlled on OTC medication. Oral methyl folate* provided patient with significant pain palliation starting at treatment week # 4.
- He returned to the clinic smiling.
- Wounds healed after 9 weeks of treatment with Longitudinal Yarn Compression and bioengineered human skin substitute.

Recurrent Stasis Ulcers

Problem:
- Patient has refused sharp debridement for 4 months because of tenderness and pain
- Co morbidities:
  - Octogenarian, veteran of the Japanese Occupation
  - Atherosclerotic occlusive vascular disease

Outcome:
- Tenderness and pain responded to poorly oral narcotics and OTC pain pills. Oral Methyl Folate* palliated pain starting at treatment week 20.
- Stasis dermatitis is accompanied by ischemic “nervesis” associated with low skin oxygen levels. Methyl folate increases capillary nitrous oxide in the perineuronal micro circulation. Nitrous oxide is a capillary smooth muscle vasodilator that increases capillary flow and O_{2} delivery to inflamed neurons.

Institutional Sponsor:
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