

WOUND HEALING & HYPOXIA



OXYGEN IS ONE OF THE NECESSARY MODALITIES FOR WOUND HEALING

Modalities to Improve Oxygen Delivery

Vascular

- Endovascular
- Bypass

Pharmacologic

- Arginine
- Vasodilators

Oxygen

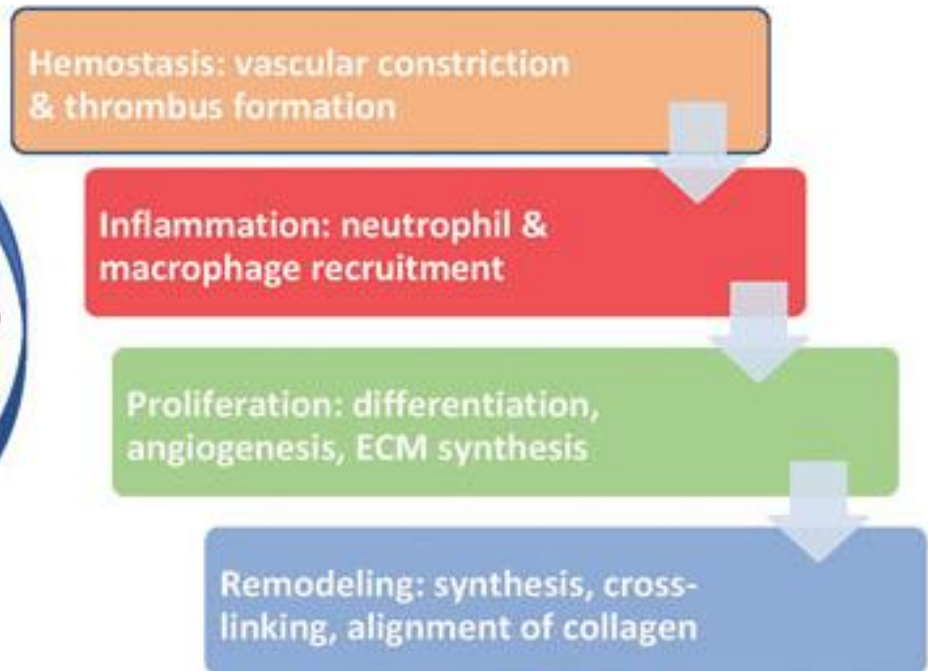
- HBOT
- Topical Oxygen

Growth Factors*

- Neo-angiogenesis



Wound Healing Cascade



*modalities currently in development/research trials

Chart adapted from reference 1.

Ref: Nanjin Park, Latricia Allen, Mary Nametka, Vickie R. Driver. Healing hypoxic wounds: Fighting an uphill battle. Lower Extremity Review May 2014