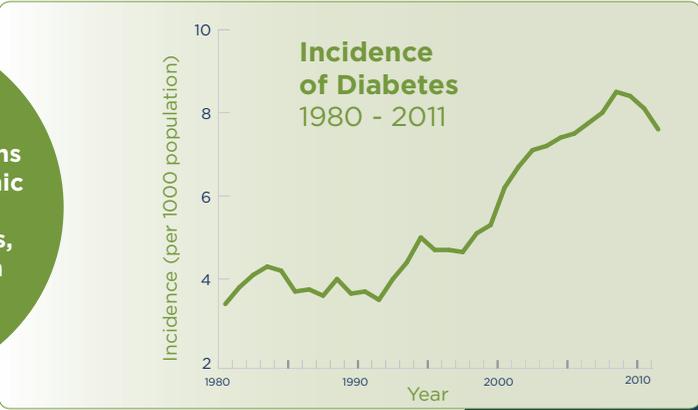


## BENEFITS OF HYPERBARIC OXYGEN

There are several benefits associated with intermittent exposure to hyperbaric doses of oxygen. Oxygen partial pressures in the blood can be elevated to 2000 mmHg at the tissue level. Either alone, or more commonly in combination with other medical and surgical procedures, these mechanisms serve to enhance the healing process of treatable conditions. This treatment will cause the following:

- An increase in the distance which oxygen diffuses from functional capillaries into hypo-perfused wounds. This results in angiogenesis, which enables healing in bone grafts, skin grafts, selected problem wounds, compromised grafts and radiation induced injury.
- Rapidly dissociates carbon monoxide molecules from hemoglobin and dramatically increases amounts of physically dissolved oxygen in the blood for delivery to the tissues.

**HBOT successfully treats a number of conditions associated with chronic disease, including diabetic foot wounds, providing long-term clinical benefits.**



- Inhibited microbial growth, deactivated bacterial toxins and enhanced white blood cell function in necrotizing infections, and in both osteomyelitis and soft tissue infections that have not responded to conventional therapies.
- Enhances osteoclast and osteoblast function in bone remodeling
- Vasoconstriction and a subsequent decrease in tissue edema resulting from crush injury and compartment syndrome. At the same time, the high oxygen content of the blood overcomes the effects of hypoxia and peripheral ischemia.

## WHY CHOOSE HMS?

**EXPERIENCED**  
Our team includes pioneers in the clinical science and practice of Hyperbaric Oxygen therapy.

**CLINICAL EXCELLENCE**  
we are nationally respected Hyperbaric Clinicians.

**RESPONSIVE**  
We stake our reputations on each and every patient.

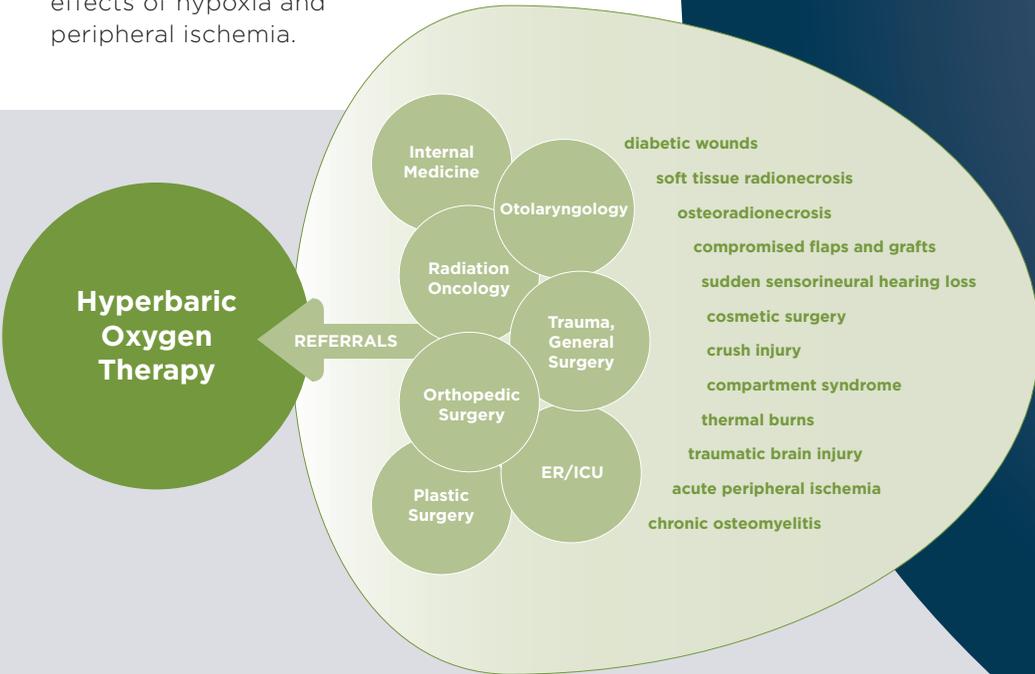
HMS is affiliated with Hyperbaric Consultants Medical Group, a team of sub-specialty trained, certified and boarded hyperbaric and wound care physicians. HMS brings more than 30 years of cumulative experience in the field of hyperbaric medicine and wound care.

*Hyperbaric Medical Services' new, state of the art hyperbaric facility in San Francisco features monoplace hyperbaric chambers.*



## WOUND CARE MANAGEMENT

Our wound care specialists take pride in providing state of the art, innovative, evidence-based wound management. Every patient receives a comprehensive individualized wound care program, including debridement, dressing changes, compression bandages, and/or the use of bioengineered skin substitutes.



**HMS HYPERBARIC MEDICAL SERVICES**

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