



Hyperbaric Medicine Center

What is Hyperbaric Oxygen (HBO)?

When a non-healing wound shows little improvement with conventional treatment, hyperbaric oxygen may be recommended. Using hyperbaric oxygen allows a high concentration of oxygen to reach the tissues of the body. Breathing pure oxygen accelerates and enhances wound healing by stimulating the growth of new blood vessels, improving circulation and helping to prevent further wound problems.

What are the benefits?

Cheyenne Regional Medical Center has two state-of-the-art hyperbaric chambers. The physicians in our center may recommend Hyperbaric Oxygen Therapy (HBOT) for some wounds that need more than conventional care.

Instances where Hyperbaric Oxygen Therapy may be helpful are:

- Difficult to heal diabetic foot ulcers
- Bone Infections
- Radiation damage:
 - Soft tissue (skin) radiation wounds
 - Cystitis caused by radiation
 - Proctitis caused by radiation
- Skin Flaps and Grafts that are failing
- Crush injuries

Types of Wounds

- Diabetic Foot Ulcers
- Pressure-Related Wounds
- Arterial (Lack of Blood Flow) Wounds
- Venous (Swollen Legs) Wounds
- Burns
- Post-Surgical Wounds
- Abscesses
- Wounds Complicated by Infection
- Trauma
- And many others

