



Hyperbaric Oxygen Therapy



WOUND CARE AT CATHOLIC HEALTH

Catholic Health offers an advanced wound healing program to treat chronic, problematic and non-healing wounds using the latest generation of wound healing technology at two convenient locations (Cheektowaga and Orchard Park).

Advanced Level of Care

At Catholic Health, patients suffering from non-healing wounds have access to proven treatment options provided by credentialed staff who specialize in the latest treatment methods available for the treatment of your wound(s).

Optimal Healing Environment

We understand that a wound is typically the end result of a number of varied medical problems. Through a multidisciplinary approach with your primary care and specialty physicians, our goal is to gain control of all of the factors impacting wound healing in order to place your wound in an optimal environment for healing.

Prevention of Future Wounds

In preparation for the post-healing phase, a comprehensive educational process is in place to help you put the appropriate measures in place to prevent future wound related problems.

WHAT IS HYPERBARIC OXYGEN THERAPY?

Hyperbaric oxygen therapy is a treatment in which the patient breathes 100% oxygen while inside a treatment (hyperbaric) chamber at pressure that is roughly twice normal atmospheric pressure. This environment promotes development of new blood vessels (angiogenesis) and growth of new tissue and skin within certain wounds. This therapy is also used in the treatment of other non-wound related problems such as delayed radiation injuries and selected infectious problems. Effects of hyperbaric oxygen therapy include:

- promotion of wound healing
- increased oxygen delivery to injured tissues
- formation of new blood vessels
- preservation of damaged tissues
- elimination and reduction of effects from toxic substances such as carbon monoxide
- reduction or elimination of arterial and venous gas bubble obstructions

Wound dressings may be left in place during treatment because the healing effects of hyperbaric oxygen therapy result from an oxygen-enriched bloodstream and not from direct contact with wound or skin.