

# HYPERBARIC OXYGEN THERAPY

## *Penn Highlands DuBois*

**Hyperbaric Oxygen Therapy (HBOT)** is a non-invasive treatment offered in conjunction with The Wound Center of Penn Highlands DuBois in which a patient breathes 100 percent oxygen while at an increased atmospheric pressure. HBOT takes place in a fully-enclosed chamber and under direct medical supervision. As the pressure increases, the amount of oxygen available to the tissues increases, thus promoting healing.

Primary Functions of Hyperbaric Oxygen Therapy:

- It increases the concentration of dissolved oxygen in the blood, which enhances the healing process.
- It helps new blood vessels form and encourages the growth of new tissue.
- It replaces inert gas in the bloodstream with oxygen, which is then metabolized by the body.
- It works to kill the wound-causing bacteria.

HBOT works in connection with your local wound center and has been proven to help with all types of non-healing wounds.

### MEET THE STAFF:

**Shalva V. Kakabadze, MD, Medical Director**  
Family Medicine and Wound Care

**Michael T. Wingate, MD**  
General Surgery and Wound Care

**Courtney Johnson-McKissick, DPM, AACFAS**  
Podiatry and Wound Care

*All providers listed above offer wound care at the center. The team collaborates with the patients' primary care physicians.*



**Call 371-4320 for an appointment,**  
*a physician referral is not necessary but may be required by your insurance.*

Patients with the following conditions have seen amazing results following a prescribed course of HBOT:

- An infection (internal or external) that just won't go away
- A skin graft that just won't heal
- Problems from radiation treatments for cancer
- A wound or ulcer on your leg due to diabetes
- Crush injuries from an accident involving the extremities

The Wound Center accepts most major insurances. Prior authorization is required.

### HYPERBARIC OXYGEN TREATMENT CENTER AND THE WOUND CENTER

Penn Highlands DuBois  
100 Hospital Avenue  
DuBois, PA  
**814-371-4320**