

# Center for Wound Care and Hyperbaric Medicine



The Center for Wound Care and Hyperbaric Medicine specializes in advanced treatments, therapies and support services to for chronic wounds. Our physician-driven team approach to wound care has a superior success rate in facilitating the healing process for a variety of acute and chronic wounds including:

- Pressure ulcers
- Diabetic foot ulcers
- Venous and arterial ulcers
- Burns
- Non-healing wounds
- Traumatic wounds
- Peristomal skin breakdown
- Ostomy Management

We utilize state of the art treatments such as Hyperbaric Oxygen Therapy, Negative Pressure Wound Therapy, compression therapy, bioengineered skin grafting, and other evidence-based modalities including MIST® Therapy.

## Comprehensive Treatment Plans

The Center for Wound Care comprehensive approach to wound management utilizes the latest clinical tools and traditional clinical practices. Individualized treatment plans may include specialized wound dressings, debridement, compression therapy, hyperbaric oxygen therapy, prescription growth factors, bio-engineered skin grafting, edema management, and non-invasive vascular assessment.

## The Growing Need For Wound Care

Each year, there are between 1.1 and 1.8 million new cases of chronic wounds in nearly 8 million patients. Compelling statistics include:

- 25.8 million people are diagnosed with diabetes, or, 8.3 percent of the U.S. population;
- 26.9 percent of people over 65 have diabetes
- 15 percent of all diabetics will develop chronic wounds
- Patients with diabetes are at ten-times greater risk of amputation, 70,000 diabetics will undergo amputation annually
- More than 2 million Americans suffer from venous ulcers
- Acute care pressure ulcer prevalence averages 14 percent

While these numbers show the tremendous need for wound care, there is hope. Studies have shown that wound care treatment facilities have reduced amputation rates and shortened hospital stays.

1. Meltzer, MS, ARNP; Pels, DMP; Payne, MD; Mannari, PA-C; Ochs, RN; Forbes-Kearns, MS, RN; Robson, MD. Decreasing Amputation Rates in Patients with Diabetes Mellitus. An Outcome Study. Journal of the American Podiatric Medical Association. 2002, Vol 92.
2. Kerstein MD; Gahtan V. Outcomes of Venous Ulcer Care Results of a Longitudinal Study. Ostomy Wound Management 2000; 46(6):22-29
3. Whittington, Kathy T., MS, RN, CWCN; Briones, Robin, BBA. National Prevalence and Incidence Study: Six-Year Sequential Acute Care Data. Advances in Skin & Wound Care. Nov/Dec 2004. Vol 17, pp. 4900-494.

## Center for Wound Care and Hyperbaric Medicine

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# Center for Wound Care and Hyperbaric Medicine

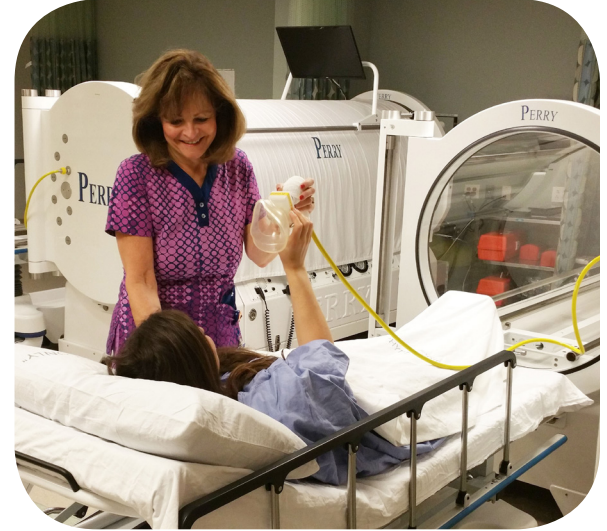
## Hyperbaric Oxygen Therapy

Hyperbaric oxygen therapy (HBOT) helps the body's oxygen-dependent, wound-healing mechanisms function more efficiently. While enclosed in a chamber at greater-than-normal atmospheric pressure, patients breathe pure oxygen, saturating their blood plasma and allowing it to carry from 15 to 20 times the normal amount of healing oxygen to the body's tissues. Up to 18 percent of wound care patients undergo HBOT treatments.

\*Approved indications for HBOT:

- Diabetic ulcers of the lower extremities
- Soft tissue radionecrosis and osteoradionecrosis
- Chronic refractory osteomyelitis
- Compromised skin grafts and flaps
- Actinomycosis
- Crush injury/acute traumatic peripheral ischemia
- Progressive necrotizing infections [necrotizing fasciitis]
- Acute peripheral arterial insufficiency

\* treatments are currently reimbursed by Medicare, HMOs, and other insurance providers (check with your individual provider prior to scheduling.)



## Low Frequency Ultrasound

MIST® Therapy is a noncontact, low-frequency ultrasound that painlessly penetrates into and below the wound bed to remove healing barriers and stimulate cells to accelerate healing.

## Meet our Wound Care Team

The wound team at Good Samaritan Medical Center is comprised of highly skilled physicians, technicians, and staff who are each specialty-trained in hyperbaric medicine. Including Warren Nickerson, MD, Certified Wound Specialist Physician (CWSP) provided by the American Board of Wound Management; and, John McLoughlin, MD, Board Certified ABPS. The team also staffs six wound care certified (WCC) registered nurses and a hyperbaric medicine technician.



## Our Physicians

- Christopher Corey, MD
- Richard McArdle, MD
- John P. McLoughlin, DPM
- Warren Nickerson, MD
- Noah Rosen, MD, *Medical Director*

We are located at 909 Sumner Street Stoughton, MA  
For more information or to make an appointment call 508-427-2480