

SerenaGroup COVID-19 HBO Special Report

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SERENAGROUP SPECIAL REPORT UPDATE

HYPERBARIC MEDICINE

What does COVID-19 hold for America's Diabetic Population?

The dangers of COVID-19 extend far beyond the virility of a novel virus. With all the nation's health care services laser focused on the Corona crisis, America risks disenfranchising millions of patients with chronic disease.

Patients suffering from diabetes complicated by a foot ulcer (DFU) have a risk of mortality more than 25 times that reported for COVID-19.

On average a DFU becomes infected once a year frequently leading to amputation, osteomyelitis, and death. The longer a DFU remains open the greater the risk of complication. The advanced wound care center

specializes in healing DFUs through techniques such as Hyperbaric Oxygen Therapy (HBOT). HBOT, a mainstay in the treatment of the most severe DFUs, enhances the body's immune system, promotes angiogenesis through the release of growth factors and stimulates the release of proangiogenic stem cells from the bone marrow.

The closure of advanced wound and hyperbaric centers decreases access for patients with life threatening ulcers. Left untreated, these patients will present to the hospital septic and in need of ICU care including mechanical ventilation. The SerenaGroup®-managed outpatient wound center with an

interdisciplinary team of physicians, nurses and technicians concentrates on preventing infection and amputation.



As a result, patients progress toward healing with fewer complications and fewer hospital admissions, leaving more beds available for COVID-19 sufferers.

