

Cont No 8950664766, 9255763766, 9671770831, www.oxyvedahbot.com, oxyvedahbotrohtak@gmail.com

DATE:-01-03-2026	NAME OF THE PATIENT :Kxxxxa Dxxx	AGE/SEX : 65 YRS FEMALE WEIGHT : 51 KGs HEIGHT-152 cms																																								
HYPERBARIC OXYGEN TREATMENT PRESCRIPTION	FOR HBOT TIME 60-90 MINUTES	SESSIONS :- 20 TO 60 (6 SESSION PER WEEK)																																								
DIAGNOS : Diabetic Foot Ulcer																																										
Rx, What is Diabetic Foot Ulcer? A diabetic foot ulcer is a non-healing wound on the foot due to: - Poor blood circulation - Neuropathy (loss of sensation) - Infection - High blood sugar If not treated properly → can lead to osteomyelitis or even amputation. <u>HBOT Protocol</u> - Pressure: 2.0 – 2.4 ATA - Duration: 90 minutes - Frequency: 5–6 days/week - Total sessions: 20–40 sittings (depending on response) First 10 sessions → assess wound improvement After 20 sessions → re-evaluate healing progress	Investigations - HbA1c - Fasting & PP sugar - CBC - CRP - X-ray foot (rule out osteomyelitis) - Pus Culture A pus culture and sensitivity (C/S) test: - Identifies the bacteria causing infection - Tells which antibiotics are sensitive or resistant	Role of HBOT with Infection - Increases oxygen in infected tissue - Improves WBC killing capacity - Enhances antibiotic effectiveness - Helps control anaerobic infection - Start wound healing fast																																								
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Periodic Wound Progress Report

No Session	Present Status of Wound	Remarks
Before Session		First day- Left Foot condition of patient Size of Wound = 4" x 3" Depth = 50mm
Session-05		Reduction in wound size → indicates good tissue repair and contraction Infection controlled → very important, as infection delays healing Along with new skin forming, this means the wound is in an advanced healing stage
Session - 30		New tissue is growing from the edges inward This stage is 20 % cover of skin It usually indicates: • Good blood supply • Low or no infection • Proper healing Environment

Session - 45		"The wound has achieved approximately 80% healing following Hyperbaric Oxygen Therapy, with healthy granulation tissue, marked reduction in wound size, and minimal residual defect."
Session - 50		"Following Hyperbaric Oxygen Therapy (HBOT), the wound has demonstrated approximately 90% healing, characterized by healthy granulation tissue, substantial wound contraction, advanced epithelialization, and a minimal residual wound defect."
Session - 60		"The wound has achieved 100% healing following Hyperbaric Oxygen Therapy, with healthy granulation tissue, marked reduction in wound size, and minimal residual defect."