

Demetrius E. Robison

Certified Hyperbaric Technologist

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Professional Summary

Certified Hyperbaric Technologist with 10+ years of experience in hyperbaric oxygen therapy, safety compliance, and emergency medical services. Skilled in monoplace chamber operations, wound care support, and advanced dive operations. Proven record in high-acuity environments including Level 1 trauma centers, 24/7 hyperbaric facilities, and remote dive missions.

Certifications

- Certified Hyperbaric Technician II (CHT)
- Hyperbaric Safety Director
- Hazmat Certification - MNDOT
- Dive Medic
- Wound Care Technician
- Emergency Medical Technician (EMT)
- Basic Life Support (BLS)
- PADI Specialty Instructor (pending)

Technical Skills

Hyperbaric chamber operations (monoplace & multiplace)

NFPA 99 safety compliance

Wound care assistance & dressing changes

TcPO2 monitoring | Ventilator setup

Dive gas blending (Nitrox, Trimix, Heliox)

Professional Experience

UAB Medicine - Birmingham, AL

Hyperbaric Technologist Tech II | May 2023 - Present

- Operate monoplace hyperbaric chambers in a 24-hour emergency setting
- Monitor patients and document all therapy sessions
- Maintain safety systems in compliance with NFPA 99
- Support wound care team and cross-train new staff

Innovative Healing Systems - Remote

Safety Director | 2021 - 2023

- Managed chamber safety for multiple contract sites
- Trained local staff in emergency protocols
- Led documentation and inspection prep for regulatory audits

Avera St. Luke's Hospital (via Restorix Health) - Aberdeen, SD

Certified Hyperbaric Technologist / Safety Director | 2019 - 2021

- Delivered HBO2 therapy and maintained chamber logs
- Conducted daily safety checks and team briefings
- Coordinated with physicians and nurses on patient care

Abbott Northwestern Hospital - Minneapolis, MN

Lead Hyperbaric Technologist / Wound Care Technician | 2016 - 2019

- Operated chambers and assisted in wound debridement and dressing
- Created a calm, patient-focused therapy environment

- Maintained accurate records and infection control

Hennepin County Medical Center - Minneapolis, MN

Hyperbaric Technician (PRN) | 2017 - 2018

- Worked in a 24/7 multiplace emergency chamber setting
- Maintained support systems: deluge, compressors, gas analyzers
- Assisted with TcPO2 monitoring and glucose checks

American Medical Response - Charles City, IA

Emergency Medical Technician | 2014 - 2016

- Provided pre-hospital care and assisted in ALS transports
- Operated ECG equipment and reported care via EMS software
- Ensured safe immobilization and transfer of patients

Utila Dive Center - Utila, Honduras

Staff Divemaster | 2013 - 2015

- Led recreational and technical dives
- Blended mixed gases and maintained equipment
- Supported dive shop logistics, guest briefings, and training

Education

Professional Diving Certification - Utila Dive Center, Honduras

Advanced Training Electives - CDA Technical Institute, Jacksonville, FL