



The University of Maine DIVING EMERGENCY MANAGEMENT PROCEDURES

A diving accident victim could be any person who has been breathing compressed gas underwater regardless of depth. Decompression sickness and arterial gas embolism, collectively referred to as decompression illness (DCI) can affect any diver on any dive and may present with a wide variety of signs and symptoms. In any case, it is essential that emergency procedures and medical treatment is initiated as soon as possible.

The general plan for a diving accident victim is to **Call 911** and arrange for transport to the nearest hospital or medical facility by ambulance. The receiving physician will provide appropriate care and, if necessary, arrange for transportation to a hyperbaric facility. Even seemingly mild signs and symptoms (i.e. numbness/ tingling) can indicate a serious diving injury. When in doubt, always assume DCI and begin the emergency response procedures, below.

EMERGENCY RESPONSE PROCEDURES

Rescue/ Recover the Diver

Call for Emergency Assistance/ Transport

(911 or USCG VHF Ch. 16)

State that this is a medical emergency.

State your location and the condition of the diver.

Request transport to the nearest hospital/ medical facility.

If on the water, head in the direction of your nearest port or dock and/or coordinate with USCG.

Provide Basic Life Support

(CPR, First Aid)

Provide 100% Oxygen

(Demand mask; Non-rebreather mask @10-15lpm; Resuscitation mask @10-15lpm)

Conduct a Field Neurological Examination

(Assessment of injured diver's sensory and motor responses)

Notify UMAINE DSO

If the UMaine DSO is not available, call the Diver's Alert Network (DAN). Ask for additional guidance and assistance with medical care, hyperbaric treatment, or transport.

+++ FIRST RESPONDERS/ EMS/ HOSPITAL ATTENDANTS +++

The individual seeking care has been diving using compressed gas. Although this person may appear healthy and uninjured, it is possible that serious neurological or other injuries are present. In any case, it is essential that medical evaluation and treatment is initiated as soon as possible. It is critically important that this individual be provided ${\bf High\text{-}Flow\ Oxygen\ } (100\%\ O_2,\ 15\ \text{liters/minute},\ \text{Non-rebreather\ mask})$ until they are evaluated by a physician.

+++ EXAMINING PHYSICIANS +++

Pressure related diving injuries can occur in any person who has been breathing compressed gas underwater regardless of depth. Decompression sickness and arterial gas embolism, collectively referred to as decompression illness (DCI) can affect any diver on any dive and may present with a wide variety of signs and symptoms. Evaluation of this injured diver should include a full physical and neurological examination. Consultation with a physician knowledgeable in diving medicine is encouraged.

Thank you for ensuring the best possible care for our diver!

-UMaine Diving Safety Officer





The University of Maine DIVING EMERGENCY MANAGEMENT CONTACT INFORMATION

UMaine Diving Safety Officer (DSO)

Christopher Rigaud Office: (207) 563-8273 Mobile: (207) 949-2289

Divers Alert Network (DAN)

Emergency Hotline: 1-919-684-9111 Medical Information: 1-919-684-2948 Based at Duke University Medical Center, DAN has diving medical specialists on-call 24 hours/day to answer questions and provide guidance on diving injuries and care. DAN can also help to arrange transport to the nearest hyperbaric facility if necessary.

Maine Hyperbaric Centers

Southern/ Central Maine

Dr. Lane Kaplan

St. Mary's Regional Medical Center Hyperbaric and Wound Care Center 95 Campus Avenue Lewiston. ME 04240

Direct Phone: **888-526-5511**, or (207) 777-8331 Emergency Dept. Access: (207) 777-8120

Downeast Maine

Dr. Marian Benner/ Dr. Michael Coyne

St. Joseph's Hospital

Problem Wound & Hyperbaric Medicine Center

360 Broadway, Bangor, Maine

Direct Phone: 207-907-1550 or 207-907-1000

Emergency Room: 207-907-3000

UMaine Diving Control Board (DCB)

Richard Wahle, Darling Marine Center

Office: (207) 563-8297 Mobile: (207) 841-7723

Robert Steneck, School of Marine Sciences

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Darling Marine Center (DMC)

DMC Main Office: (207) 563-3146 Linda Healy, 3-8220 Lisa Ouellette, 3-8202

Timothy Miller, Laboratory Manager Office: (207) 563-8330 Mobile: (207) 557-3067