

Release of Liability/Assumption of Risk/Non-agency Acknowledgement Form

GENERAL TRAINING

Please read carefully and fill in all blanks before signing.

Non-Agency Disclosure and Acknowledgment Agreement

| I understand and agree that PADI Members ("Members"), including | cipating, are licensed to use various PADI Trademarks and to conduct PADI its parent, subsidiary and affiliated corporations ("PADI"). I further understand perated by PADI, and that while PADI establishes the standards for PADI diver, the operation of the Members' business activities and the day-to-day conducted staff. I further understand and agree on behalf of myself, my heirs and my estate shall seek to hold PADI liable for the actions, inactions or negligence of |
|---|--|
| Liability Release and Assu | mption of Risk Agreement |
| l, <u>participant name</u> , hereby affirm that I am a injury or death. | aware that skin and scuba diving have inherent risks which may result in serious |
| I understand that diving with compressed air involves certain inherent risks; inclu air expansion injury that require treatment in a recompression chamber. I further for certification may be conducted at a site that is remote, either by time or distar such instructional dives in spite of the possible absence of a recompression char | understand that the open water diving trips which are necessary for training and nce or both, from such a recompression chamber. I still choose to proceed with |
| I understand and agree that neither my instructor(s), | t may occur as a result of my participation in this diving program or as a result |
| In consideration of being allowed to participate in this course (and optional Adver risks of this program, whether foreseen or unforeseen, that may befall me while confined water and/or open water activities. | nture Dive), hereinafter referred to as "program," I hereby personally assume all |
| I further release, exempt and hold harmless said program and Released Parties for my enrollment and participation in this program including both claims arising | |
| I also understand that skin diving and scuba diving are physically strenuous acinjured as a result of heart attack, panic, hyperventilation, drowning or any other the Released Parties responsible for the same. | |
| I further state that I am of lawful age and legally competent to sign this liability understand the terms herein are contractual and not a mere recital, and that I have agree to waive my legal rights. I further agree that if any provision of this Agreem this Agreement. The remainder of this Agreement will then be construed as thou | e signed this Agreement of my own free act and with the knowledge that I hereby lent is found to be unenforceable or invalid, that provision shall be severed from |
| I understand and agree that I am not only giving up my right to sue the Released the Released Parties resulting from my death. I further represent I have the authorial claiming otherwise because of my representations to the Released Parties. | |
| I, | THIS INSTRUMENT AGREE TO EXEMPT AND RELEASE MY INSTRUCTORS, THE FACILITY THROUGH WHICH I RECEIVE MY INSTRUCTION, PADI AMERICAS, INC. AND ALL RELATED ENTITIES AS DEFINED ABOVE, |
| FROM ALL LIABILITY OR RESPONSIBILITY WHATSOEVER FOR PERSONAL INCLUDING BUT NOT LIMITED TO THE NEGLIGENCE OF THE RELEASED PA | |
| I HAVE FULLY INFORMED MYSELF AND MY HEIRS OF THE CONTENTS OF AND LIABILITY RELEASE AND ASSUMPTION OF RISK AGREEMENT BY REATHEIRS. | |
| Participant Signature | Date (Day/Month/Year) |
| Signature of Parent of Guardian (where applicable) | Date (Day/Month/Year) |



Youth Diving: Responsibility and Risks Acknowledgment

| (Please read carefully, fill in all blanks, an | d sign and date below.) | |
|---|--|---|
| I/we, | , and my/our child, | , |
| have viewed and understand the Youth D have been advised and thoroughly inform participant. These risks may include, but sinuses and ears, drowning, panic and oth bilities, as parent and participant (child), responsibilities. | ned that diving is an adventure sport with are not limited to, pressure related injuri her serious injury or death. We also unde | in inherent risks to the des affecting the lungs, erstand our responsi- |
| As the parent/guardian of the minor child to evaluate whether my/our child should knowledge of the mental, physical and en I/we understand and agree it is my/our regarding my/our child's medical history | participate in scuba activities. Our decis notional abilities of our child, as well as h esponsibility to discuss with a physician a | sion is based upon our is/her medical history. |
| I/we understand and agree that it is my/o of my/our child to determine whether he, the program. | - × | |
| I/we agree to abide by all supervisory and certification. | d depth limitations that may accompany | my/our child's PADI |
| I/we understand that PADI certifies instru oped by PADI. | ctors/dive centers and provides material | s for programs devel- |
| I/we understand that the dive center/resovision of this activity | ort and the instructor are responsible for | the conduct and super |
| I/we understand my responsibilities and titles and titles and Risk video or flip chart. | those of my child as set forth in the Youtl | n Diving Responsibili- |
| I/we have read this Acknowledgment, und agree that this Acknowledgment is a facility and PADI. | <u> </u> | |
| Parent/Guardian Name | Parent/Guardian Signature | (Day/Month/Year) |
| Participant/Minor Name | Participant/Minor Signature | (Day/Month/Year) |

Product No. 10615 (11/05) Version 2.01 © PADI 2005



STANDARD SAFE DIVING PRACTICES STATEMENT OF UNDERSTANDING

Please read carefully before signing.

This is a statement in which you are informed of the established safe diving practices for skin and scuba diving. These practices have been compiled for your review and acknowledgement and are intended to increase your comfort and safety in diving. Your signature on this statement is required as proof that you are aware of these safe diving practices. Read and discuss the statement prior to signing it. If you are a minor, this form must also be signed by a parent or guardian.

| ١, | | understand that as a diver I | should: |
|----|--------------|------------------------------|---------|
| ′ | (Print Name) | | |

- 1. Maintain good mental and physical fitness for diving. Avoid being under the influence of alcohol or dangerous drugs when diving. Keep proficient in diving skills, striving to increase them through continuing education and reviewing them in controlled conditions after a period of diving inactivity, and refer to my course materials to stay current and refresh myself on important information.
- 2. Be familiar with my dive sites. If not, obtain a formal diving orientation from a knowledgeable, local source. If diving conditions are worse than those in which I am experienced, postpone diving or select an alternate site with better conditions. Engage only in diving activities consistent with my training and experience. Do not engage in cave or technical diving unless specifically trained to do so.
- 3. Use complete, well-maintained, reliable equipment with which I am familiar; and inspect it for correct fit and function prior to each dive. Have a buoyancy control device, low-pressure buoyancy control inflation system, submersible pressure gauge and alternate air source and dive planning/monitoring device (dive computer, RDP/dive tables—whichever you are trained to use) when scuba diving. Deny use of my equipment to uncertified divers.
- 4. Listen carefully to dive briefings and directions and respect the advice of those supervising my diving activities. Recognize that additional training is recommended for participation in specialty diving activities, in other geographic areas and after periods of inactivity that exceed six months.
- 5. Adhere to the buddy system throughout every dive. Plan dives including communications, procedures for reuniting in case of separation and emergency procedures with my buddy.
- 6. Be proficient in dive planning (dive computer or dive table use). Make all dives no decompression dives and allow a margin of safety. Have a means to monitor depth and time underwater. Limit maximum depth to my level of training and experience. Ascend at a rate of not more than 18 metres/60 feet per minute. Be a SAFE diver Slowly Ascend From Every dive. Make a safety stop as an added precaution, usually at 5 metres/15 feet for three minutes or longer.
- 7. Maintain proper buoyancy. Adjust weighting at the surface for neutral buoyancy with no air in my buoyancy control device. Maintain neutral buoyancy while underwater. Be buoyant for surface swimming and resting. Have weights clear for easy removal, and establish buoyancy when in distress while diving. Carry at least one surface signaling device (such as signal tube, whistle, mirror).
- 8. Breathe properly for diving. Never breath-hold or skip-breathe when breathing compressed air, and avoid excessive hyperventilation when breath-hold diving. Avoid overexertion while in and underwater and dive within my limitations.
- 9. Use a boat, float or other surface support station, whenever feasible.
- 10. Know and obey local dive laws and regulations, including fish and game and dive flag laws.

| have read the above statements and have had any questions answered to my satisfaction. I understand the importance and pur- |
|---|
| poses of these established practices. I recognize they are for my own safety and well-being, and that failure to adhere to them can |
| olace me in jeopardy when diving. |
| |

| Participant's Signature | Date (Day/Month/Year) |
|--|-----------------------|
| | |
| Signature of Parent or Guardian (where applicable) | Date (Day/Month/Year) |







established safety procedures are not followed, however, there are

To scuba dive safely, you should not be extremely overweight or out of condition. Diving can be strenuous under certain conditions. Your respiratory and circulatory systems must be in good health. All body air

MEDICAL STATEMENT

Participant Record (Confidential Information)

increased risks.

Please read carefully before signing.

| This is a statement in which you are informed of some potential risks |
|--|
| involved in scuba diving and of the conduct required of you during the |
| scuba training program. Your signature on this statement is required for |
| you to participate in the scuba training program offered |

| by | and | | ces must be normal and healthy. A person with coronary disease, a |
|--|--|---|--|
| | Instructorlocated in the | unde | ent cold or congestion, epilepsy, a severe medical problem or who is er the influence of alcohol or drugs should not dive. If you have ma, heart disease, other chronic medical conditions or you are tak- |
| | Facility | | nedications on a regular basis, you should consult your doctor and |
| city of_ | , state/province of | | nstructor before participating in this program, and on a regular basis eafter upon completion. You will also learn from the instructor the |
| Medica enroll ir this Sta | Read this statement prior to signing it. You must complete this all Statement, which includes the medical questionnaire section, to in the scuba training program. If you are a minor, you must have atement signed by a parent or guardian. Diving is an exciting and demanding activity. When performed ly, applying correct techniques, it is relatively safe. When | impo divin must quali State | ortant safety rules regarding breathing and equalization while scuba ig. Improper use of scuba equipment can result in serious injury. You to be thoroughly instructed in its use under direct supervision of a ified instructor to use it safely. If you have any additional questions regarding this Medical ement or the Medical Questionnaire section, review them with your uctor before signing. |
| | ers Medical Questionnaire Participant: | | |
| The purple ined by responsive res | pose of this Medical Questionnaire is to find out if you should be exam- your doctor before participating in recreational diver training. A positive ee to a question does not necessarily disqualify you from diving. A positive e means that there is a preexisting condition that may affect your safety ving and you must seek the advice of your physician prior to engaging in | with a you, scuba | se answer the following questions on your past or present medical history a YES or NO. If you are not sure, answer YES. If any of these items apply to we must request that you consult with a physician prior to participating in a diving. Your instructor will supply you with an RSTC Medical Statement and elines for Recreational Scuba Diver's Physical Examination to take to your ician. |
| | Could you be pregnant, or are you attempting to become pregnant? | | _ Dysentery or dehydration requiring medical intervention? |
| | Are you presently taking prescription medications? (with the exception of | | Any dive accidents or decompression sickness? |
| | birth control or anti-malarial) Are you over 45 years of age and can answer YES to one or more of the | | Inability to perform moderate exercise (example: walk 1.6 km/one mile within 12 mins.)? |
| | following? | | Head injury with loss of consciousness in the past five years? |
| | currently smoke a pipe, cigars or cigarettes have a high shalesters level. | | |
| | have a high cholesterol level have a family history of heart attack or stroke | | Back or spinal surgery? |
| | are currently receiving medical care | | |
| | high blood pressure diabetes mellitus, even if controlled by diet alone | | Back, arm or leg problems following surgery, injury or fracture? |
| | you ever had or do you currently have | | High blood pressure or take medicine to control blood pressure? |
| | Asthma, or wheezing with breathing, or wheezing with exercise? | - | |
| | Frequent or severe attacks of hayfever or allergy? | | = |
| | Frequent colds, sinusitis or bronchitis? | | _ |
| | Any form of lung disease? | | |
| | Pneumothorax (collapsed lung)? | | Ear disease or surgery, hearing loss or problems with balance? |
| | Other chest disease or chest surgery? | | Recurrent ear problems? |
| | Behavioral health, mental or psychological problems (Panic attack, fear of | | Bleeding or other blood disorders? |
| | closed or open spaces)? | | |
| | Epilepsy, seizures, convulsions or take medications to prevent them? | | _ Hernia? |

Recurring complicated migraine headaches or take medications to pre-

Frequent or severe suffering from motion sickness (seasick, carsick,

Blackouts or fainting (full/partial loss of consciousness)?

The information I have provided about my medical history is accurate to the best of my knowledge. I agree to accept responsibility for omissions regarding my failure to disclose any existing or past health condition.

Date

Signature of Parent or Guardian Date

Recreational drug use or treatment for, or alcoholism in the past five

Signature

vent them?

years?

Ulcers or ulcer surgery?

A colostomy or ileostomy?

STUDENT

Please print legibly. Mailing Address _____ State/Province/Region _____ City_ Country ___ Zip/Postal Code Home Phone (Business Phone (FAX Email _ Name and address of your family physician Clinic/Hospital Physician _____ Address Date of last physical examination _____ Name of examiner_____ Clinic/Hospital____ Address _ Email Phone (Were you ever required to have a physical for diving? ☐ Yes ☐ No If so, when?_____ **PHYSICIAN** This person applying for training or is presently certified to engage in scuba (self-contained underwater breathing apparatus) diving. Your opinion of the applicant's medical fitness for scuba diving is requested. There are guidelines attached for your information and reference. **Physician's Impression** $\hfill \square$ I find no medical conditions that I consider incompatible with diving. ☐ I am unable to recommend this individual for diving. Remarks ____ Date ____ Physician's Signature or Legal Representative of Medical Practitioner Physician_____ Clinic/Hospital_____ Address _____ Email _____ Phone (

Guidelines for Recreational Scuba Diver's Physical Examination

Instructions to the Physician:

Recreational **SCUBA** (Self-Contained Underwater Breathing Apparatus) can provide recreational divers with an enjoyable sport safer than many other activities. The risk of diving is increased by certain physical conditions, which the relationship to diving may not be readily obvious. Thus, it is important to screen divers for such conditions.

The RECREATIONAL SCUBA DIVER'S PHYSICAL EXAMINATION focuses on conditions that may put a diver at increased risk for decompression sickness, pulmonary overinflation syndrome with subsequent arterial gas embolization and other conditions such as loss of consciousness, which could lead to drowning. Additionally, the diver must be able to withstand some degree of cold stress, the physiological effects of immersion and the optical effects of water and have sufficient physical and mental reserves to deal with possible emergencies.

The history, review of systems and physical examination should include as a minimum the points listed below. The list of conditions that might adversely affect the diver is not all-inclusive, but contains the most commonly encountered medical problems. The brief introductions should serve as an alert to the nature of the risk posed by each medical problem.

The potential diver and his or her physician must weigh the pleasures to be had by diving against an increased risk of death or injury due to the individual's medical condition. As with any recreational activity, there are no data for diving enabling the calculation of an accurate mathematical probability of injury. Experience and physiological principles only permit a qualitative assessment of relative risk.

For the purposes of this document, **Severe Risk** implies that an individual is believed to be at substantially elevated risk of decompression sickness, pulmonary or otic barotrauma or altered consciousness with subsequent drowning, compared with the general population. The consultants involved in drafting this document would generally discourage a student with such medical problems from diving. **Relative Risk** refers to a moderate increase in risk, which in some instances may be acceptable. To make a decision as to whether diving is contraindicated for this category of medical problems, physicians must base their judgement on an assessment of the individual patient. Some medical problems which may preclude diving are **temporary** in nature or responsive to treatment, allowing the student to dive safely after they have resolved.

Diagnostic studies and specialty consultations should be obtained as indicated to determine the diver's status. A list of references is included to aid in clarifying issues that arise. Physicians and other medical professionals of the Divers Alert Network (DAN) associated with Duke University Health System are available for consultation by phone +1 919 684 2948 during normal business hours. For emergency calls, 24 hours 7 days a week, call +1 919 684 8111 or +1 919 684 4DAN (collect). Related organizations exist in other parts of the world – DAN Europe in Italy +39 039 605 7858, DAN S.E.A.P. in Australia +61 3 9886 9166 and Divers Emergency Service (DES) in Australia +61 8 8212 9242, DAN Japan +81 33590 6501 and DAN Southern Africa +27 11 242 0380. There are also a number of informative websites offering similar advice.

NEUROLOGICAL

Neurological abnormalities affecting a diver's ability to perform exercise should be assessed according to the degree of compromise. Some diving physicians feel that conditions in which there can be a waxing and waning of neurological symptoms and signs, such as migraine or demyelinating disease, contraindicate diving because an exacerbation or attack of the preexisting disease (e.g.: a migraine with aura) may be difficult to distinguish

from neurological decompression sickness. A history of head injury resulting in unconsciousness should be evaluated for risk of seizure.

Relative Risk Conditions

- Complicated Migraine Headaches whose symptoms or severity impair motor or cognitive function, neurologic manifestations
- · History of Head Injury with sequelae other than seizure
- Herniated Nucleus Pulposus
- Intracranial Tumor or Aneurysm
- Peripheral Neuropathy
- Multiple Sclerosis
- Trigeminal Neuralgia
- · History of spinal cord or brain injury

Temporary Risk Condition

History of cerebral gas embolism without residual where pulmonary air trapping has been excluded and for which there is a satisfactory explanation and some reason to believe that the probability of recurrence is low.

Severe Risk Conditions

Any abnormalities where there is a significant probability of unconsciousness, hence putting the diver at increased risk of drowning. Divers with spinal cord or brain abnormalities where perfusion is impaired may be at increased risk of decompression sickness.

Some conditions are as follows:

- · History of seizures other than childhood febrile seizures
- History of Transient Ischemic Attack (TIA) or Cerebrovascular Accident (CVA)
- History of Serious (Central Nervous System, Cerebral or Inner Ear) Decompression Sickness with residual deficits

CARDIOVASCULAR SYSTEMS

Relative Risk Conditions

The diagnoses listed below potentially render the diver unable to meet the exertional performance requirements likely to be encountered in recreational diving. These conditions may lead the diver to experience cardiac ischemia and its consequences. Formalized stress testing is encouraged if there is any doubt regarding physical performance capability. The suggested minimum criteria for stress testing in such cases is at least 13 METS.* Failure to meet the exercise criteria would be of significant concern. Conditioning and retesting may make later qualification possible. Immersion in water causes a redistribution of blood from the periphery into the central compartment, an effect that is greatest in cold water. The marked increase in cardiac preload during immersion can precipitate pulmonary edema in patients with impaired left ventricular function or significant valvular disease. The effects of immersion can mostly be gauged by an assessment of the diver's performance while swimming on the surface. A large proportion of scuba diving deaths in North America are due to coronary artery disease. Before being approved to scuba dive, individuals older than 40 years are recommended to undergo risk assessment for coronary artery disease. Formal exercise testing may be needed to assess the risk.

* METS is a term used to describe the metabolic cost. The MET at rest is one, two METS is two times the resting level, three METS is three times the resting level, and so on. The resting energy cost (net oxygen requirement) is thus standardized. (Exercise Physiology; Clark, Prentice Hall, 1975.)

Relative Risk Conditions

- History of Coronary Artery Bypass Grafting (CABG)
- Percutaneous Balloon Angioplasty (PCTA) or Coronary Artery Disease (CAD)
- History of Myocardial Infarction
- Congestive Heart Failure
- Hypertension
- History of dysrythmias requiring medication for suppression
- Valvular Regurgitation

Pacemakers

The pathologic process that necessitated should be addressed regarding the diver's fitness to dive. In those instances where the problem necessitating pacing does not preclude diving, will the diver be able to meet the performance criteria?

* NOTE: Pacemakers must be certified by the manufacturer as able to withstand the pressure changes involved in recreational diving.

Severe Risks

Venous emboli, commonly produced during decompression, may cross major intracardiac right-to-left shunts and enter the cerebral or spinal cord circulations causing neurological decompression illness. Hypertrophic cardiomyopathy and valvular stenosis may lead to the sudden onset of unconsciousness during exercise.

PULMONARY

Any process or lesion that impedes airflow from the lungs places the diver at risk for pulmonary overinflation with alveolar rupture and the possibility of cerebral air embolization. Many interstitial diseases predispose to spontaneous pneumothorax: Asthma (reactive airway disease), Chronic Obstructive Pulmonary Disease (COPD), cystic or cavitating lung diseases may all cause air trapping. The 1996 Undersea and Hyperbaric Medical Society (UHMS) consensus on diving and asthma indicates that for the risk of pulmonary barotrauma and decompression illness to be acceptably low, the asthmatic diver should be asymptomatic and have normal spirometry before and after an exercise test. Inhalation challenge tests (e.g.: using histamine, hypertonic saline or methacholine) are not sufficiently standardized to be interpreted in the context of scuba diving.

A pneumothorax that occurs or reoccurs while diving may be catastrophic. As the diver ascends, air trapped in the cavity expands and could produce a tension pneumothorax.

In addition to the risk of pulmonary barotrauma, respiratory disease due to either structural disorders of the lung or chest wall or neuromuscular disease may impair exercise performance. Structural disorders of the chest or abdominal wall (e.g.: prune belly), or neuromuscular disorders, may impair cough, which could be life threatening if water is aspirated. Respiratory limitation due to disease is compounded by the combined effects of immersion (causing a restrictive deficit) and the increase in gas density, which increases in proportion to the ambient pressure (causing increased airway resistance). Formal exercise testing may be helpful.

Relative Risk Conditions

- History of Asthma or Reactive Airway Disease (RAD)*
- History of Exercise Induced Bronchospasm (EIB)*
- History of solid, cystic or cavitating lesion*
- Pneumothorax secondary to:
 - -Thoracic Surgery
 - -Trauma or Pleural Penetration*
 - -Previous Overinflation Injury*

- Obesity
- History of Immersion Pulmonary Edema Restrictive Disease*
- Interstitial lung disease: May increase the risk of pneumothorax
- * Spirometry should be normal before and after exercise

Active Reactive Airway Disease, Active Asthma, Exercise Induced Bronchospasm, Chronic Obstructive Pulmonary Disease or history of same with abnormal PFTs or a positive exercise challenge are concerns for diving.

Severe Risk Conditions

- History of spontaneous pneumothorax. Individuals who
 have experienced spontaneous pneumothorax should avoid
 diving, even after a surgical procedure designed to prevent
 recurrence (such as pleurodesis). Surgical procedures either
 do not correct the underlying lung abnormality (e.g.: pleurodesis, apical pleurectomy) or may not totally correct it (e.g.: resection of blebs or bullae).
- Impaired exercise performance due to respiratory disease.

GASTROINTESTINAL

Temporary Risks

As with other organ systems and disease states, a process which chronically debilitates the diver may impair exercise performance. Additionally, dive activities may take place in areas remote from medical care. The possibility of acute recurrences of disability or lethal symptoms must be considered.

Temporary Risk Conditions

- Peptic Ulcer Disease associated with pyloric obstruction or severe reflux
- Unrepaired hernias of the abdominal wall large enough to contain bowel within the hernia sac could incarcerate.

Relative Risk Conditions

- Inflammatory Bowel Disease
- Functional Bowel Disorders

Severe Risks

Altered anatomical relationships secondary to surgery or malformations that lead to gas trapping may cause serious problems. Gas trapped in a hollow viscous expands as the divers surfaces and can lead to rupture or, in the case of the upper GI tract, emesis. Emesis underwater may lead to drowning.

Severe Risk Conditions

- Gastric outlet obstruction of a degree sufficient to produce recurrent vomiting
- Chronic or recurrent small bowel obstruction
- · Severe gastroesophageal reflux
- Achalasia
- Paraesophageal Hernia

ORTHOPAEDIC

Relative impairment of mobility, particularly in a boat or ashore with equipment weighing up to 18 kgs/40 pounds must be assessed. Orthopaedic conditions of a degree sufficient to impair exercise performance may increase the risk.

Relative Risk Conditions

- Amputation
- Scoliosis must also assess impact on respiratory function and exercise performance.
- Aseptic Necrosis possible risk of progression due to effects of decompression (evaluate the underlying medical

cause of decompression may accelerate/escalate the progression).

Temporary Risk Conditions

Back pain

HEMATOLOGICAL

Abnormalities resulting in altered rheological properties may theoretically increase the risk of decompression sickness. Bleeding disorders could worsen the effects of otic or sinus barotrauma, and exacerbate the injury associated with inner ear or spinal cord decompression sickness. Spontaneous bleeding into the joints (e.g.: in hemophilia) may be difficult to distinguish from decompression illness.

Relative Risk Conditions

- Sickle Cell Disease
- · Polycythemia Vera
- Leukemia
- Hemophilia/Impaired Coagulation

METABOLIC AND ENDOCRINOLOGICAL

With the exception of diabetes mellitus, states of altered hormonal or metabolic function should be assessed according to their impact on the individual's ability to tolerate the moderate exercise requirement and environmental stress of sport diving. Obesity may predispose the individual to decompression sickness, can impair exercise tolerance and is a risk factor for coronary artery disease.

Relative Risk Conditions

- Hormonal Excess or Deficiency
- Obesity
- · Renal Insufficiency

Severe Risk Conditions

The potentially rapid change in level of consciousness associated with hypoglycemia in diabetics on insulin therapy or certain oral hypoglycemic medications can result in drowning. Diving is therefore generally contraindicated, unless associated with a specialized program that addresses these issues. [See "Guidelines for Recreational Diving with Diabetes" at www/wrstc.com and www.diversalertnetwork.org.]

Pregnancy: The effect of venous emboli formed during decompression on the fetus has not been thoroughly investigated. Diving is therefore not recommended during any stage of pregnancy or for women actively seeking to become pregnant.

BEHAVIORAL HEALTH

Behavioral: The diver's mental capacity and emotional make-up are important to safe diving. The student diver must have sufficient learning abilities to grasp information presented to him by his instructors, be able to safely plan and execute his own dives and react to changes around him in the underwater environment. The student's motivation to learn and his ability to deal with potentially dangerous situations are also crucial to safe scuba diving.

Relative Risk Conditions

- · Developmental delay
- History of drug or alcohol abuse
- · History of previous psychotic episodes
- · Use of psychotropic medications

Severe Risk Conditions

 Inappropriate motivation to dive – solely to please spouse, partner or family member, to prove oneself in the face of

personal fears

- · Claustrophobia and agoraphobia
- Active psychosis
- · History of untreated panic disorder
- · Drug or alcohol abuse

OTOLARYNGOLOGICAL

Equalisation of pressure must take place during ascent and descent between ambient water pressure and the external auditory canal, middle ear and paranasal sinuses. Failure of this to occur results at least in pain and in the worst case rupture of the occluded space with disabling and possible lethal consequences.

The inner ear is fluid filled and therefore noncompressible. The flexible interfaces between the middle and inner ear, the round and oval windows are, however, subject to pressure changes. Previously ruptured but healed round or oval window membranes are at increased risk of rupture due to failure to equalise pressure or due to marked overpressurisation during vigorous or explosive Valsalva manoeuvres.

The larynx and pharynx must be free of an obstruction to airflow. The laryngeal and epiglotic structure must function normally to prevent aspiration.

Mandibular and maxillary function must be capable of allowing the patient to hold a scuba mouthpiece. Individuals who have had mid-face fractures may be prone to barotrauma and rupture of the air filled cavities involved.

Relative Risk Conditions

- · Recurrent otitis externa
- · Significant obstruction of external auditory canal
- · History of significant cold injury to pinna
- Eustachian tube dysfunction
- · Recurrent otitis media or sinusitis
- · History of TM perforation
- History of tympanoplasty
- · History of mastoidectomy
- Significant conductive or sensorineural hearing impairment
- Facial nerve paralysis not associated with barotrauma
- Full prosthedontic devices
- · History of mid-face fracture
- Unhealed oral surgery sites
- · History of head and/or neck therapeutic radiation
- · History of temperomandibular joint dysfunction
- · History of round window rupture

Severe Risk Conditions

- Monomeric TM
- Open TM perforation
- Tube myringotomy
- · History of stapedectomy
- History of ossicular chain surgery
- · History of inner ear surgery
- Facial nerve paralysis secondary to barotrauma
- Inner ear disease other than presbycusis
- Uncorrected upper airway obstruction
- Laryngectomy or status post partial laryngectomy
- Tracheostomy
- Uncorrected laryngocele
- · History of vestibular decompression sickness

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- Undersea and Hyperbaric Medical Society (UHMS) www.UHMS.org
- Divers Alert Network (DAN) United States, 6 West Colony Place, Durham, NC <u>www.DiversAlertNetwork.org</u>
- Divers Alert Network Europe, P.O. Box 64026 Roseto, Italy, telephone non-emergency line: weekdays office hours +39-085-893-0333, emergency line 24 hours: +39-039-605-7858
- Divers Alert Network S.E.A.P., P. O. Box 384, Ashburton, Australia, telephone 61-3-9886-9166
- Divers Emergency Service, Australia, <u>www.rah.sa.gov.au/hyper-baric</u>, telephone 61-8-8212-9242
- South Pacific Underwater Medicine Society (SPUMS), P.O. Box 190, Red Hill South, Victoria, Australia, <u>www.spums.org.au</u>
- 16. European Underwater and Baromedical Society, www.eubs.org

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Photo and Video Consent Form

For adults

The undersigned voluntarily consents to use by Just Add Water and its staff and affiliates (collectively "JAW") of my photograph(s), video images, name, story and/or voice for communication and promotional purposes, including without limitation in publications, displays, on the World Wide Web, and in advertisements, and the undersigned hereby releases JAW from any liability that may result from a use consistent with said consent. I understand that there will be no financial or other remuneration to me in connection with any use consistent with this consent.

| Signature | Date |
|------------------------|------|
| Please print name | |
| Address City/State/Zip | |
| Area Code/Home Phone | |

For minor child or ward

The undersigned voluntarily on my own behalf and on behalf of my minor child or ward ("Minor") consents to use by Just Add Water and its staff and affiliates (collectively "JAW") of photograph(s), video images, name, story and/or voice of Minor, for communication and promotional purposes, including without limitation in publications, displays, on the World Wide Web, and in advertisements, and the undersigned hereby releases JAW from any liability that may result from a use consistent with said consent. I understand that there will be no financial or other remuneration to me or Minor in connection with any use consistent with this consent.

| Please print name of Minor | |
|--------------------------------|------------------------------------|
| Signature of Consenter | Date |
| Please Print Name of Consenter | Relationship of Consenter to Minor |
| Address City/State/Zip | |
| Area Code/Home Phone | |