

DIVING MEDICINE FOR SCUBA DIVERS

BACKGROUND

1. History of Diving
2. Physics
3. Physiology
4. Breath-hold Diving
5. Equipment
6. Diving Environments
7. Stress Disorders — Panic and Fatigue
8. Female Divers

SPECIFIC DIVING DISEASES (PRESSURE RELATED DISEASES)

9. Ear Barotrauma
10. Sinus Barotrauma
11. Pulmonary Barotrauma
12. Other Barotraumas
13. Decompression Theory & Physiology
14. Decompression Procedures Tables
15. Decompression Sickness Clinical
16. Decompression Sickness Treatment
17. Dysbaric Osteonecrosis
18. Nitrogen Narcosis
19. HPNS
20. Hypoxia
21. Oxygen Toxicity
22. Carbon Dioxide Problems
23. Carbon Monoxide Toxicity
24. Breathing Gas Contamination

AQUATIC DISEASES

25. Drowning
26. Salt Water Aspiration Syndrome
27. Cold and Hypothermia
28. Infections
29. Dangerous Marine Animals

GENERAL DIVING RELATED MEDICAL PROBLEMS

30. Hearing Loss
31. Disorientation
32. Miscellaneous Disorders –
Pulmonary Oedema,
Contact Lenses
Muscular Cramps
Other Ear Problems
Headache
Sunburn
Seasickness
Jaw Joint Arthritis
Explosions
33. Unconsciousness in Divers
34. Why Divers Die
35. Sudden Death Syndrome
36. Psychological Disorders
37. Drugs and Diving

TREATMENT and PREVENTION

38. Medical Examinations for Divers
39. First Aid Kit
40. Oxygen Therapy Techniques
41. Training and Safety Checklist
42. Resuscitation Review

RECENT DEVELOPMENTS

43. Technical Diving

APPENDICES

- A. Diving Medical Library
- B. Emergency Contact Numbers
- C. In-water O₂ Recompression Therapy
- D. Divers Alert Network