

Volume 5 - Index

A

Abducen nerve assessment	5A-6
Acoustic nerve assessment	5A-7
Advanced Cardiac Life Support	
embolized diver	20-3
Air supply	
recompression chamber	22-10
Arterial gas embolism	20-1
diagnosing	20-2
preventing	20-3

B

Barotrauma	
body squeeze	19-8
external ear squeeze	19-8
face squeeze	19-9
inner ear	19-10
intestine	19-10
middle ear squeeze	19-8
round or oval window rupture	19-10
sinus squeeze	19-8
suit squeeze	19-9
thoracic squeeze	19-8
tooth squeeze	19-9
Barracuda	5C-4
Blood	
controlling massive bleeding	5B-1
internal bleeding	5B-6
Bloodworms	5C-13
Body squeeze	19-8
Bradycardia	19-16
Bristleworms	5C-13

C

Carbon dioxide	
causes of buildup	19-3
toxicity	19-2
Carbon monoxide	
poisoning	19-2
Cardiopulmonary resuscitation	5B-1
Chamber ventilation bill	22-16
Checklists	
Neurological Examination Checklist	5A-2
Recompression Chamber Postdive Checklist	22-19
Recompression Chamber Pre-dive Checklist	22-12
Chokes	20-7
Ciguatera fish poisoning	5C-18
CNS oxygen toxicity	
symptoms of	19-4
treating	
convulsions	19-4

free swimming diver	19-4
tethered diver	19-4
when employing oxygen treatment tables	21-19
Coelenterates	5C-9
Cone shells	5C-15
Convulsions	
treating CNS	19-4
Coordination tests	5A-5
Coral	5C-11
Cranial nerve assessment	5A-6

D

Decompression	
omitted	21-5
Decompression sickness	20-4
altitude	20-8
Type I	20-5
Type II	20-6
Deep tendon reflexes	5A-10
Diver candidate pressure test	22-26
Diver training and qualification	
ascent training	20-4
emergency medical training	19-16
Diving injuries	
initial assessment	5A-1
Drowning	
causes and prevention	19-13
treatment	19-13

E

Ear	
external ear	
squeeze	19-8
inner ear	
barotrauma	19-10
decompression sickness	20-7
symptoms of barotrauma	19-11
treating barotrauma	19-11
middle ear	
squeeze	19-8
treating reverse squeeze	19-9
Eardrum	
rupture	19-10
Emergency procedures	
unconscious diver on the bottom	19-12
Emphysema	
mediastinal	19-6
treating	19-6
subcutaneous	19-6
treating	19-6
External ear squeeze	19-8
Extremity strength assessment	5A-8

F

Face squeeze	19-9
Facial nerve assessment	5A-7
Finger-to-nose test	5A-6
First aid	
barracuda bites	5C-4
bloodworm and bristleworm bites	5C-13
ciguatera fish poisoning	5C-19
coelenterate wounds	5C-10
cone shell stings	5C-15
coral wounds	5C-11
killer whale bites	5C-4
massive bleeding	5B-1
moray eel bites	5C-5
octopus bites	5C-13
paralytic shellfish poisoning	5C-21
puffer fish poisoning	5C-20
scromboid fish poisoning	5C-20
sea cucumber irritation	5C-22
sea lion bites	5C-5
sea snake bites	5C-17
sea urchin stings	5C-14
shark bites	5C-1
sponge stings	5C-18
stingray wounds	5C-9
toxic fish wounds	5C-7
venomous fish wounds	5C-6
viral and bacterial shellfish poisoning	5C-21
Formulas	
recompression chamber primary system	
capacity	22-11
recompression chamber secondary system	
capacity	22-12
recompression chamber volume	22-6

G

Glossopharyngeal nerve assessment	5A-7
-----------------------------------	------

H

Heel-shin slide test	5A-6
Heel-to-toe test	5A-5
Hypercapnia	
causes	19-3
symptoms of	19-2
treating	19-3
Hyperthermia	
cooling measures	19-14
symptoms	19-14
treatment	19-14
Hyperventilation	
treating	19-5
Hypoglossal nerve assessment	5A-7
Hypothermia	
rewarming techniques	19-15
symptoms	19-14

treating	19-15
Hypoxia	
causes of	19-2
symptoms of	19-1
treating	19-2

I

Intestinal gas expansion	
preventing	19-10

K

Killer whales	5C-3
---------------	------

L

Lungs	
thoracic squeeze	19-8

M

Mammalian reflex	19-15
Marine life	
barracuda	5C-4
bloodworms	5C-13
bristleworms	5C-13
coelenterates	5C-9
cone shells	5C-15
coral	5C-11
killer whales	5C-3
moray eels	5C-4
octopuses	5C-12
parasites	5C-22
sea cucumbers	5C-22
sea lions	5C-5
sea snakes	5C-16
sea urchins	5C-14
sharks	5C-1
sponges	5C-18
stingrays	5C-9
toxic fish	5C-7
venomous fish	5C-6
Mediastinal emphysema	19-6
treating	19-6
Mental status exam	5A-5
Middle ear	
oxygen absorption syndrome	19-11
treating	19-11
squeeze	19-8
treating reverse	19-9
Moray eels	5C-4

N

Neurological assessment	5A-2
-------------------------	------

O

Octopuses	5C-12
Oculomotor nerve assessment	5A-6
Olfactory nerve	5A-6
Omitted decompression	21-5
Operating procedures	
recompression chambers	22-15
Operational hazards	
communicable diseases	19-17
marine life	19-17
otitis externa	19-16
uncontrolled ascent	19-16
underwater trauma	19-17
Optic nerve assessment	5A-6
Otitis externa	19-16
Oxygen	
deficiency	19-1

P

Parasitic infestation	5C-22
Pneumothorax	19-7
treating	19-7
Postdive procedures	
recompression chamber	22-19
Predive procedures	
recompression chamber	22-12
Puffer fish poisoning	5C-20
Pulmonary overinflation syndromes	19-6
mediastinal emphysema	19-6
pneumothorax	19-7
preventing	19-7
subcutaneous emphysema	19-6
Pulmonary oxygen toxicity	
when employing oxygen treatment tables	21-20

R

Rapid alternating movement test	5A-6
Recompression	
in-water	21-9
in-water using air	21-10
in-water using oxygen	21-10
Recompression chamber	
basic requirements	22-1
general operating procedures	22-15
minimum manning requirements	21-22
modernized chamber	22-6
optimum manning requirements	21-22
postdive checklist	22-19
predive checklist	22-12
safety precautions	22-12
scheduled maintenance	22-19
ventilation	22-16
Recompression treatment	
Treatment Table 4	21-14
Treatment Table 5	21-12

Treatment Table 6	21-13
Treatment Table 6A	21-14
Treatment Table 7	21-15
Treatment Table 8	21-17
Treatment Table 9	21-18

Reverse squeeze	
treating	19-9
Romberg Test	5A-6

S

Scromboid fish poisoning	5C-19
Sea cucumbers	5C-22
Sea lions	5C-5
Sea snakes	5C-16
Sea urchins	5C-14
Sensory function assessment	5A-8
Sharks	5C-1
Shellfish	
bacterial and viral diseases from	5C-21
paralytic shellfish poisoning	5C-20
Shock	
signs and symptoms of	5B-6
treating	5B-7
Sinus	
preventing squeeze	19-9
squeeze	19-8
treating reverse	19-9
Spinal accessory nerve assessment	5A-7
Sponges	5C-18
Squeeze	
body	19-8
external ear	19-8
face	19-9
middle ear	19-8
preventing	19-9
sinus	19-8
suit	19-9
thoracic	19-8
tooth	19-9
treating	19-9
Stingrays	5C-9
Subcutaneous emphysema	19-6
treating	19-6
Suit squeeze	19-9

T

Thermal problems in diving	
excessive heat (hyperthermia)	19-14
excessive heat loss (hypothermia)	19-14
physiological effects of exposure to	
cold water	19-15
Thoracic squeeze	19-8
Tinnitus	19-4
Tooth squeeze	19-9
Tourniquet	5B-4
Toxic fish	5C-7

Transfer lock 22-6
 Transportable recompression chamber system ... 22-6
 Trigeminal nerve assessment 5A-7
 Trochlear nerve assessment 5A-6

U

Unconsciousness
 unconscious diver on the bottom 19-12
 Uncontrolled ascent 19-16
 treating 21-7

V

Vagus nerve assessment 5A-7
 Venomous fish 5C-6
 VENTIDC 19-4, 21-19
 Ventilation
 recompression chamber 22-16

Vertigo
 persistent 19-12
 transient
 alternobaric 19-11
 caloric 19-11

W

Worksheets
 Recompression Chamber Postdive Checklist 22-19
 Recompression Chamber Pre-dive Checklist 22-12