**Table 1. Clinical manifestations of decompression illness in compressed-air and breath-hold divers**

|  |  |  |
| --- | --- | --- |
|  | Breath-hold divers (Wong, 2006) | Compressed-air divers (Vann et al., 2011) |
| Non-neurological  | * Dizziness/ vertigo
* Constitutional\*
* Pain
* Cardiovascular
 | * Pain
* Constitutional
* Dizziness/ vertigo
* Cutaneous
* Muscle discomfort
* Pulmonary
* Auditory
* Lymphatic
* Cardiovascular
 |
| Neurological  | * Motor weakness
* Numbness/ paresthesia
* Consciousness
* Mental status
* Altered speech
* Visual disturbance
* Coordination
* Convulsions
* Bladder/ bowel
 | * Numbness/ paresthesia
* Motor weakness
* Mental status
* Coordination
* Consciousness
* Bladder/ bowel
 |

\*Constitutional symptoms include headache, fatigue, agitation, nausea and vomiting.

**Table 2. Diving events in different types of breath-hold divers**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Spanish spearfishermen (25 cases) (Batle, 1999) | Japanese Ama divers (12 cases)(Tamaki et al., 2010a) | Competitive athletes (4 cases) (Tetzlaff et al., 2017) |
| Manifestation | * Constitutional (23)\*
* Numbness/ paresthesia (17)
* Consciousness (13)
* Motor weakness (11)
* Visual disturbance (10)
* Altered speech (7)
* Dizziness/ vertigo (5)
* Coordination (5)
* Memory loss (4)
* Convulsions (1)
* Sphincter relaxation (1)
* Auditory disturbance (1)
* Cardiorespiratory arrest (1)
* Pain (1)
 | * Dizziness/ vertigo (8)
* Numbness/ paresthesia (8)
* Motor weakness (6)
* Altered speech (3)
* Constitutional (2)
* Pain (2)
* Visual disturbance (1)
 | * Numbness/ paresthesia (3)
* Motor weakness (2)
* Altered speech (2)
* Dizziness/ vertigo (1)
* Unconsciousness (1)
 |

\* Parenthesis means total number of cases.