

Acknowledgment

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LIST OF ABBREVIATIONS

AES	: Apathy evaluation scale
AGE	: Arterial gas emboli
ATA	: Atmospheres absolute
ATLS	: Advanced Trauma Life Support
AVDO₂	: Arteriovenous oxygen difference
BBB	: Blood brain barrier
CBF	: Cerebral blood flow
CBV	: Cerebral blood volume
CDI	: Central diabetes insipidus
CPP	: Cerebral perfusion pressure
CSF	: Cerebrospinal fluid
CSW	: Cerebral salt wasting
CT	: Computed Tomography
DAI	: Diffuse axonal injury
DCS	: Decompression sickness
DRS	: Disability rating score
DVT	: Deep vein thrombosis
EEG	: Electroencephalography
EGOS	: Extended Glasgow outcome scale
FSW	: Feet of sea water
GCS	: Glasgow coma scale
GOS	: Glasgow outcome scale
Hb	: Haemoglobin
HBOT	: Hyperbaric oxygen therapy
ICP	: Intracranial pressure
ICU	: Intensive care unit
Lactate (art.)	: Arterial lactate
Lactate (j.v)	: Jugular venous lactate
LOI	: Lactate oxygen index
MD	: Microdialysis
MRI	: Magnetic resonance imaging
MSW	: Meter of sea water
MV	: Mechanical ventilation
NBH	: Normobaric hyperoxia
PaCO₂	: Arterial carbon dioxide tension
PaO₂	: Arterial oxygen tension
PET	: Positron emission tomography
PtiO₂	: Brain tissue oxygen tension
PvO₂	: Jugular venous oxygen tension
RTA	: Road traffic accidents

SaO₂	: Oxygen saturation of the arterial blood
SIADH	: Syndrome of inappropriate anti-diuretic hormone secretion
SjvO₂	: Jugular venous oxygen saturation
SvO₂	: Oxygen saturation of the jugular venous blood
TBI	: Traumatic brain injury
UPTD	: Unit pulmonary toxic dose
VF	: Ventricular fibrillation