

ACRONYMS AND ABBREVIATIONS

A

ABC: airway, breathing, and circulation
AC: assist control
acetyl-CoA: acetylcoenzyme A
ACTH: adrenocorticotropic hormone
ADH: antidiuretic hormone
ADSOL: adenine solution number 1
AFB: air force base
AIDS: acquired immunodeficiency syndrome
AIS: Abbreviated Injury Scale
AJBPO: Area Joint Blood Program Office
AMEDD: U.S. Army Medical Department
ANSI: American National Standards Institute
ARDS: adult respiratory distress syndrome
ARF: acute renal failure
ASBP: Armed Services Blood Program
ASBPO: Armed Services Blood Program Office
ASBPOSITREP: ASBPO situation report
ASIA: American Spinal Injury Association
ASTM: American Society for Testing and Materials
ASWBPL: Armed Services Whole Blood Processing Laboratory
ASWBPLSITREP: ASWBPL situation report
ATLS: Advanced Trauma Life Support
ATP: adenosine 5'-triphosphate
ATPase: adenosine triphosphatase
AVDO₂: arteriovenous oxygen contents
A-aDO₂: alveolar-arterial difference in partial pressure of oxygen

B

BAEP: brain stem auditory evoked potential
BDC: blood donor center
BLDREP: blood report
BLDSHIPREP: blood shipment report
BMR: basal metabolic rate
BPD: blood product depot
BSA: body surface area
BSU: blood supply unit
BTC: blood transshipment center
BUN: blood urea nitrogen

C

C.O.: cardiac output
Caco₂: arterial carbon dioxide contents
CAM: chemical agent monitor
cAMP: adenosine 3',5'-cyclic monophosphate
Cao₂: arterial oxygen contents
CAVH-D: continuous arteriovenous hemodiafiltration
CAVH: continuous arteriovenous hemofiltration
CBF: cerebral blood flow
CBPS: chemical biological protective shelter
cCBF: critical cerebral blood flow
CD: cluster of differentiation
CDC: Centers for Disease Control
CDO₂: cerebral oxygen delivery
Cjvo₂: jugular venous oxygen contents
CK: creatine kinase
CMRo₂: cerebral metabolic rate for oxygen
CMV: controlled mechanical ventilation

CMV: cytomegalovirus
CNS: central nervous system
COHb: carboxyhemoglobin
CONUS: continental United States
CPAP: continuous positive airway pressure
CPDA-1: citrate phosphate dextrose adenine
CPE: collective protective ensemble
CPK: creatine phosphokinase
CPP: cerebral perfusion pressure
CPR: cardiopulmonary resuscitation
CRH: corticotrophin-releasing hormone
CRNA: certified registered nurse anesthetist
CSA: compressed spectral array
CSH: combat support hospital
CT: computed tomography
Cvco₂: venous carbon dioxide contents
Cvo₂: venous oxygen contents
CZAR: Combat Zone Assessment and Requirements

D

DDAPV: desmopressin
DEPMEDS: Department of Defense's Deployable Medical Systems
DI: diabetes insipidus
DIC: disseminated intravascular coagulation
DNA: deoxyribonucleic acid
Do₂: oxygen delivery per unit time
DPL: diagnostic peritoneal lavage
DRASH: deployable rapid assembly shelter
DREZ: dorsal root entry zone
DSA: density spectral array

E

EBV: estimated blood volume
ECG: electrocardiogram
ED₅₀: median effective dose
EDP: expiratory distending pressure
EEA: energy expenditure of activity
EEG: electroencephalogram
ELISA: enzyme-linked immunosorbent assay
EMT: emergency medical treatment
EP: evoked potential
EPSP: excitatory postsynaptic potential
ETco₂: end-tidal carbon dioxide

F

F: French (catheter)
FAM: field anesthesia machine
FDA: U.S. Food and Drug Administration
FEV₁: forced expiratory volume in 1 second
FEO₂: fraction of expired oxygen
FECO₂: fraction of expired carbon dioxide
FFP: fresh frozen plasma
FH: field hospital
Fio₂: fraction of inspired oxygen
FM: field manual
FRC: functional residual capacity
FSH: follicle-stimulating hormone
FST: forward surgical team
FVC: forced vital capacity

G

GABA: γ -aminobutyric acid
GB: sarin
GCS: Glasgow coma scale
GH: general hospital
GOS: Glasgow outcome scale
GPI: glucose phosphate isomerase
GPL: general-purpose, large tent

H

HAV: hepatitis A virus
Hb: hemoglobin
HBV: hepatitis B virus
HCV: hepatitis C virus
HIV: human immunodeficiency virus
HMMWV: high-mobility, multipurpose, wheeled vehicle
HUB: Hospital Unit, Base
HUH: Hospital Unit, Holding
HUM: Hospital Unit, Medical
HUS: Hospital Unit, Surgical

I

ICAD: individual chemical agent detector
ICD: International Classification of Disease
ICP: intracranial pressure
ICU: intensive care unit
Ig: immunoglobulin
IGF-1: insulinlike growth factor
IL: interleukin
IMV: intermittent, mandatory ventilation
IFN: interferon
IOP: intraocular pressure
IPE: individual protective ensemble
IPPB: intermittent positive-pressure breathing
IPPV: intermittent positive-pressure ventilation
IPSP: inhibitory postsynaptic potential
ISO: International Organization for Standardization, from the French
ISS: Injury Severity Score
IVOX/ECCOR: intravenacaval blood oxygen/carbon dioxide transfer device

J

JBPO: Joint Blood Program Office
JTF: Joint Task Forces

L

LH: luteinizing hormone
LMA: laryngeal mask airway
LVEDP: left ventricular end diastolic pressure
LVEDVI: left ventricular end diastolic volume index
LVSWI: left ventricular stroke work index

M

MAC: minimal alveolar concentration
MAP: mean arterial pressure
MASF: mobile aeromedical staging facility
MASH: mobile army surgical hospital
MEDSOM: Medical Supply, Optical, and Maintenance
MEP: motor evoked potential
MetHb: methemoglobin
MF2K: Medical Force 2000
MIAT: manual in-line axial traction

MIEMSS: Maryland Institute for Emergency Medical Services Systems
MMS: medical material sets
MODS: multiple organ dysfunction syndrome
MOPP: mission-oriented protective posture
MOS: military occupation specialty
MRE: meals ready to eat
MRI: magnetic resonance imaging
MRI: medical reengineering initiative
MSH: melanocyte-stimulating hormone
MSOF: multiple system organ failure
MTF: medical treatment facility
MUST: medical unit, self-contained, transportable
MVB: microvascular bleeding

N

NANB: non-A, non-B
NATO: North Atlantic Treaty Organization
NMDA: N-methyl-D-aspartate
NSAID: nonsteroidal antiinflammatory drug

O

O₂Hb: oxyhemoglobin
OCONUS: outside the continental United States
OMV: Oxford Miniature Vaporizers
OOTW: operations other than war

P

PAC: portable anesthesia circuit
Paco₂: arterial partial pressure of carbon dioxide
Pao₂: arterial partial pressure of oxygen
PAOP: pulmonary artery occlusion pressure
2-PAM Cl: 2-pyridine aldoxime methyl chloride, also pralidoxime chloride
PAP: peak airway pressure
PASG: pneumatic antishock garment
PCA: patient controlled anesthesia
PCP: phencyclidine
PCWP: pulmonary capillary wedge pressure
PEEP: positive end-expiratory pressure
PGE₂: prostaglandin E₂
PGI₂: prostacyclin
PISS: pin index safety system
PMN: polymorphonuclear leukocyte
Po₂: partial pressure of oxygen
POC: point of contact
POMCUS: prepositioned material configured in units and sets
PPN: peripheral parenteral nutrition
PRBCs: packed red blood cells
PRIMOB: primary mobilization stations
PRL: prolactin
PS: pressure support
PTH: posttransfusion hepatitis
PVR: pulmonary vascular resistance

R

RAE: Ring, Adair, and Elwyn endotracheal tube
RBC: red blood cell
RDA: recommended dietary allowances
REE: resting energy expenditure
RNA: ribonucleic acid
RQ: respiratory quotient
RVEF: right ventricular ejection fraction

S

Sa_o₂: oxygen saturation of arterial blood
 SBPO: Service Blood Program Office
 SCBF: spinal cord blood flow
 SCUF: slow, continuous ultrafiltration
 SIADH: syndrome of inappropriate antidiuretic hormone secretion
 SIMV: synchronized, intermittent, mandatory ventilation
 SIRS: systemic inflammatory response syndrome
 S_{mv}O₂: mixed venous saturation
 SpEP: spinal evoked potentials
 SQRT: square root of time
 SSEP: somatosensory evoked potential
 STH: somatotrophic hormone
 succinyl-CoA: succinylcoenzyme A
 SVI: systolic velocity integral
 Svo₂: venous oxygen saturation
 SVR: systemic vascular resistance
 SWI: stroke work index

T

TBSA: total body surface area
 TBTC: transportable blood transshipment center
 TCA: tricarboxylic acid
 TEE: total energy expenditure
 TEF: thermic effect of food
 TEMPER: tents, extendable, modular, personnel

TENS: transcutaneous electrical nerve stimulation
 THBF: total hepatic blood flow
 TNF: tumor necrosis factor
 TOE: table of organization and equipment
 TOF: train-of-four
 TPN: total parenteral nutrition
 TSH: thyroid-stimulating hormone
 TV: tidal volume

U

UD: unit dose
 USARIEM: U.S. Army Research Institute of Environmental Medicine
 UUN: urinary urea nitrogen

V

V/Q: ventilation-perfusion
 VA: alveolar ventilation
 VCO₂: carbon dioxide consumption per unit time
 VEP: visual evoked potential
 Vo₂: oxygen consumption per unit time

W

WDMET: Wound Data and Munitions Effectiveness Team
 WRAIR: Walter Reed Army Institute of Research
 WRAMC: Walter Reed Army Medical Center