

ABBREVIATIONS AND ACRONYMS

A

ABC: *Acinetobacter baumannii-calcoaceticus* complex
ABC: airway, breathing, and circulation
ABC: assessment of blood consumption
AC: alternating current
ACCP: American College of Chest Physicians
ACH: Army community hospital
ACRM: Anesthesia Crisis Resource Management
ACS: abdominal compartment syndrome
ACS: acute compartment syndrome
ACTH: adrenocorticotropin
AE: aeromedical evacuation
AECC: Aeromedical Evacuation Co-ordination Centre
AFRICOM: African Command
AKI: acute kidney injury
ALI: acute lung injury
AMEDD C&S: Army Medical Department Center and School
AMPA: alpha-amino-3-hydroxyl-5-methyl-4-isoxazole-propionate
AMPLE: allergies, medication, pregnancy, last eaten
AMR: advanced medical retrieval
APP: abdominal perfusion pressure
APRV: airway pressure-release ventilation
ARDS: acute respiratory distress syndrome
APLS: Advanced Paediatric Life Support
APS: acute pain service
APTR: activated partial thromboplastin time ratio
ATC: acute trauma coagulopathy
ATICE: Adaptation to the Intensive Care Environment (instrument)
ATLS: Advanced Trauma Life Support
ATN: acute tubular necrosis
ATP: adenosine triphosphate
AW2: Army Wounded Warrior Program

B

BABT: behind-armor blunt trauma
BAS: battalion aid station
BATLS: Battlefield Advanced Trauma Life Support
BIPAP: biphasic positive airway pressure ventilation
BK: bradykinin
BPF: bronchopleural fistula
BVM: bag-valve masks

C

<C>ABC: catastrophic hemorrhage, airway, breathing, and circulation
CASEVAC: casualty evacuation
CASF: contingency aeromedical staging facility
CAT: combat application tourniquet
CBF: cerebral blood flow
CBRN: chemical, biological, radiological, or nuclear
CC: combat casualty
CCAT: critical care air transport
CCAST: critical care air support team
CCPG: Canadian clinical practice guideline
CCR: Canadian C-Spine Rule
CENTCOM: Central Command
CMRO₂: cerebral metabolic rate of oxygen
CO: cardiac output
CONUS: continental United States
COTS: coagulopathy of trauma shock
COX: cyclooxygenase
CPAP: continuous level of positive airway pressure

CPG: clinical practice guideline
CPK: creatine phosphokinase
CPNB: continuous peripheral nerve block
CPP: cerebral perfusion pressure
CPR: cardiopulmonary resuscitation
CRM: Crew Resource Management
CRRT: continuous renal replacement therapy
CSH: combat support hospital
CSI: cervical spine injury
CT: clotting time
CT: component therapy
CT: computed tomography
CVC: central venous catheter
CVP: central venous pressure
CVVH: CRRT with a veno-venous technique of hemofiltration
CXR: chest x-ray

D

DLEBT: double-lumen endobronchial tube
DCR: damage control resuscitation
DLT: double-lumen endobronchial tube
DMS: Defence Medical Services (United Kingdom)
DNBI: disease non-battle-injury
DoA: depth of anesthesia
DPL: diagnostic peritoneal lavage
DR: disaster relief
DVPRS: Defense and Veterans Pain Rating Scale
DVT: deep venous thrombosis

E

EAST: Eastern Association for the Surgery of Trauma
ECCN: en-route critical care nurse
ECG: electrocardiogram
ECMO: extracorporeal membrane oxygenation
ED: emergency department
EDOCS: expeditionary deployable oxygen concentrator system
EMT-B: emergency medical technician-basic
EN: enteral nutrition
ESBL: extended spectrum β -lactamase
ESPEN: European Society for Parenteral and Enteral Nutrition
ETCO₂: elevated end-tidal carbon dioxide
ETT: endotracheal tube
EUCOM: European Command

F

F: French gauge
FiO₂: fraction of inspired oxygen
FAST: focused assessment with sonography for trauma
FFP: fresh frozen plasma
Fr: French gauge
FRC: functional residual capacity
FST: forward surgical team
FW: fixed wing
FWB: fresh whole blood

G

G: gauge
Ga: gauge
GABA: γ -aminobutyric acid
GAWS: Guardian Angel Weapon System
GCOs: Clinical Guidelines for Operations
GCS: Glasgow coma scale

G6PD: glucose-6-phosphate dehydrogenase

H

HA: humanitarian assistance
HbCO: carbon monoxide hemoglobin
HD: hemodialysis
HELLP: hemolysis, elevated liver enzymes, and low platelets (syndrome)
HEMS: Helicopter Emergency Medical System
HFOV: high-frequency oscillatory ventilation
HFV: high-frequency ventilation
HIV: human immunodeficiency virus
HMAP: high mean arterial pressure
HR: heart rate

I

IAP: intraabdominal pressure
ICO: infection control officer
ICP: intracranial pressure
ICU: intensive care unit
ID: internal diameter
IED: improvised explosive device
IJV: internal jugular
iLA: interventional lung assistance
ILV: independent lung ventilation
IM: intramuscular
IMV: intermittent mandatory ventilation
IN: intranasal
INR: international normalized ratio
IO: intraosseous
IOP: intraocular pressure
IPPV: intermittent positive-pressure ventilation
IRI: ischemia-reperfusion injury
IRT: immediate response team
ISO: International Organization for Standardization
ISS: injury severity score
IV: intravenous
IVC: inferior vena cava
IVCF: inferior vena cava filter

J

JTTR: Joint Theater Trauma Registry

L

LAST: local anesthetic systemic toxicity
LMA: laryngeal mask airway
LMAP: lower mean arterial pressure
LMWH: low molecular weight heparin
LOP: limb occlusion pressure
LRMC: Landstuhl Regional Medical Center
LSI: life-saving intervention
LTP: long-term potentiation

M

MAC: minimum alveolar concentration
MAP: mean arterial pressure
MASF: mobile aeromedical staging facilities
MCF: maximum clot firmness
MDCT: multidetector row spiral computed tomography
MDR: multidrug-resistant
MEAC: minimum effective analgesic concentration
MEDCEN: military medical center
MEDCOM: US Army Medical Command
MEDEVAC: medical evacuation
MERT: medical emergency response team

MERT(E): medical emergency response team (enhanced)
MH: malignant hyperthermia
MILS: manual inline stabilization
MIST-AT: mechanism of injury, injuries sustained, symptoms and signs, treatment given—age (adult/child) and time of injury
MHS: Military Health System
MODS: multiorgan dysfunction syndrome
MRAP: mine-resistant ambush-protected
MRI: magnetic resonance imaging
MRSA: methicillin-resistant *Staphylococcus aureus*
MRSN: Multidrug Resistant Organism Repository and Surveillance Network
MTF: medical treatment facility
MTP: massive transfusion protocol

N

NAPQI: *N*-acetyl-*p*-benzoquinone imine
NASA: National Aeronautics and Space Administration
NBI: nonbattle injury
NEXUS: National Emergency X-Radiography Utilization Study
NGF: nerve growth factor
NGO: nongovernmental organization
NHS: National Health Service (United Kingdom)
NK₁: neurokinin-1
NMBA: neuromuscular blocking agent
NMDA: *N*-methyl-*D*-aspartate
NMS: neuroleptic malignant syndrome
NS: normal saline
NSAID: nonsteroidal antiinflammatory drugs

O

OEF: Operation Enduring Freedom
OI: oxygenation index
OIF: Operation Iraqi Freedom
OL-ILV: one-lung independent ventilation
OR: operating room
OSCAR: High Frequency Oscillation in ARDS (trial)
OSCILLATE: Oscillation for Acute Respiratory Distress Syndrome Treated Early (trial)
OTFC: oral transmucosal fentanyl citrate

P

PACCOM: Pacific Command
PAG: periaqueductal grey
PCA: patient-controlled analgesia
PCR: polymerase chain reaction
PD: peritoneal dialysis
PE: pulmonary embolism
PECC: patient evacuation coordination center
PEEP: positive end-expiratory pressure
PetCO₂: partial pressure of end-tidal carbon dioxide
PG: propylene glycol
PICU: pediatric intensive care unit
PiO₂: partial pressure of the inspired oxygen
PIS: propofol infusion syndrome
PLT: platelets
PMI: patient movement item
PMRC: patient movement requirement center
PN: parenteral nutrition
PO: per os
POGS: portable oxygen generator system
PP: pulse pressures
PPE: personal protective equipment
Ppl: plateau pressure
PPV: positive pressure ventilation
PRBC: packed red blood cells

PRIS: propofol infusion syndrome
PTSD: posttraumatic stress disorder

Q

QEHB: Queen Elizabeth Hospital Birmingham

R

RA: regional anesthesia
RAAS: rennin-angiotensin-aldosterone system
RAF: Royal Air Force
RAP: regimental aid post
RASS: Richmond Agitation-Sedation Scale
RBC: red blood cell
RCC: red cell concentrate
RCDM: Royal Centre for Defence Medicine
RCT: randomized controlled trial
REBOA: resuscitative endovascular balloon of the aorta
rFVIIa: recombinant factor VIIa
RIFLE: risk, injury, failure, loss, and end-stage disease
ROSC: return of spontaneous circulation
RSI: rapid sequence induction
RTD: return-to-duty
RRT: renal replacement therapy
RSI: rapid-sequence induction
RW: rotary wing

S

SAVe: simplified automated ventilator
SCCM: Society of Critical Care Medicine
SCD: sequential compression device
SCM: sternocleidomastoid muscle
SCV: subclavian
ScvO₂: central venous oxygen saturation
SI: sacroiliac
SIB: self-inflating bag
SIMV/PS: synchronized intermittent mandatory ventilation with pressure support
SIRS: systemic inflammatory response syndrome
SO: standard operating instruction
SOP: standard operating procedures
SOUTHCOM: Southern Command
STRATEVAC: strategic evacuation
SVC: superior vena cava
SVR: systemic vascular resistance

T

TACEVAC: tactical evacuation
TARGIT: Triservice Research Group Initiative on TIVA
TBI: traumatic brain injury
TBSA: total burned surface area
TCCC: Tactical Combat Casualty Care
TCI: target-controlled infusion
TCRA: traumatic cardiorespiratory arrest
TD: tracheal disruption
TENS: toxic epidermal necrolysis syndrome
TIC: toxic industrial chemicals
TIVA: total intravenous anesthesia
TL-ILV: two-lung independent lung ventilation
TLR4: toll-like receptor 4
TRPV: transient receptor potential vallinoid
TTE: transthoracic echocardiogram
TTP: tactic, technique, or procedure
TRALI: transfusion-related acute lung injury
TrkA: tyrosine kinase A
TSAA: Triservice Anaesthetic Apparatus
TST: tuberculin skin testing

U

UFH: unfractionated heparin
UK: United Kingdom
UN: United Nations
US: ultrasound
USAF: US Air Force
USAISR: US Army Institute of Surgical Research

V

VA: Veterans Affairs (Department)
VAP: ventilator-associated pneumonia
VAS: visual analog scale
VDC: volts direct current
VGA: volatile gas anesthesia
VILI: ventilator-induced lung injury
VITRIS: Vasopressin in Refractory Traumatic Hemorrhagic Shock (study)
VRE: vancomycin-resistant *Escherichia coli*
VRS: verbal rating score
Vt: tidal volume
VTE: venous thromboembolism

W

WFWB: warm fresh whole blood
WHO: World Health Organization
WRAIR: Walter Reed Army Institute of Research
WWR: Wounded Warrior Regiment

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MERT Head Out Again by Tony Green, acrylic on paper, 2009.

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