

## ACRONYMS AND ABBREVIATIONS

### Volumes 1 and 2

#### A

AAEM: American Association of Electrodiagnostic Medicine  
 AAROM: active assistive range-of-motion  
 ABG: arterial blood gas  
 ABPM&R: American Board of Physical Medicine and Rehabilitation  
 ABPM: American Board of Physical Medicine  
 ABR: auditory brainstem response  
 AC: acromioclavicular  
 ACE: angiotensin converting enzyme  
 ACL: anterior cruciate ligament  
 ACTH: adrenocorticotrophic hormones  
 ADH: antidiuretic hormone  
 ADL: activities of daily living  
 ADP: adenosine diphosphate  
 AE: above elbow  
 AFO: ankle/foot orthosis  
 AFQT: Armed Forces Qualification Test  
 AGR: Active Guard Reserve  
 AKA: above-knee amputation  
 AMC: Army Medical Center  
 AMEDD: U.S. Army Medical Department  
 AMSC-CIR: Army Medical Specialist Corps Clinical Investigation and Research  
 AMSC: Army Medical Specialist Corps  
 ANG: Army National Guard  
 AP: anterior-posterior  
 APDAB: Army Physical Disability Appeals Board  
 AR: Army Regulation  
 ARC: American Red Cross  
 ARG: Army Reservists and National Guard  
 AROM: active range-of-motion  
 ARVN: Army of the Republic of Vietnam  
 ASIA: American Spinal Injury Association  
 ATH: air transportable hospital  
 ATN: acute tubular necrosis  
 ATP: adenosine triphosphate  
 ATPase: adenosine triphosphatase

#### B

BAEP: brainstem auditory evoked potential  
 BAER: brain stem auditory evoked response  
 BAM: basilar artery migraine  
 BE: Below elbow  
 BEAM: brain electrical activity mapping  
 BEE: basal energy expenditure  
 BIA: Brain Injury Association  
 bid: twice daily  
 BKA: below-knee amputation  
 BP: blood pressure  
 BSA: body surface area  
 BUN: blood urea nitrogen

#### C

CAD/CAM: computer aided design/computer aided manufacturing  
 CAPTE: Commission on Accreditation for Physical Therapy Education  
 CASD: computer aided socket design  
 CAT/CAM: contoured adducted trochanteric-controlled alignment method

CDP: cytidine 5'-diphosphocholine  
 CED: cognitive enhancing drug  
 CK: creatine kinase  
 CMAP: compound motor action potential  
 CMRR: common mode rejection ratio  
 CMST: circulation, motion, sensation, and temperature  
 CMUAP: compound motor unit action potential  
 CN: cranial nerve  
 CNS: central nervous system  
 C.O.: cardiac output  
 CO<sub>2</sub>: carbon dioxide  
 COMMZ: combat zone  
 CONUS: continental United States  
 CP: conventional prosthesis  
 CP: creatine phosphate  
 CPAP: continuous positive airway pressure  
 CPM: continuous passive motion  
 C-PMN: C polymodal nociceptors  
 CPR: cardiopulmonary resuscitation  
 CRPS: Complex Regional Pain Syndrome  
 CRT: cathode ray tube  
 CSF: cerebrospinal fluid  
 CT: computed tomography  
 CTR: carpal tunnel release  
 CTS: carpal tunnel syndrome

#### D

dB: decibel  
 DCCS: Deputy Commander for Clinical Services  
 DEXA: dual photon X-ray absorptiometry  
 DF: dorsiflexion  
 DIP: distal interphalangeal  
 diphosphonate EHDP: disodium ethane-1-hydroxy-1, 1-diphosphonate  
 DoD: Department of Defense  
 DREZ: dorsal root entry zone  
 DVA: Department of Veterans Affairs  
 DVT: deep venous thrombosis

#### E

ECU: environmental control unit  
 EEG: electroencephalogram/electroencephalographic/electroencephalography  
 EF: Epileptiform findings  
 EMG: electromyographic/electromyography  
 ENG: electronystagmography  
 EPB  
 ERG: electroretinogram  
 ERMPs: early recovery management programs  
 ESWL: extracorporeal shock wave lithotripsy

#### F

FAD: (McMaster) Family Assessment Device  
 FAD: flavin adenine dinucleotide  
 FADH<sub>2</sub>: FAD gains electrons to become  
 FAM: Functional Assessment Measure  
 FDA: Food and Drug Administration  
 FDP: fibrin degradation product  
 FES: functional electrical stimulation  
 FF: full field  
 FIM: Functional Independence Measure  
 FNQ: Family Needs Questionnaire

FS: focal slowing  
FVC: forced vital capacities  
FY: fiscal year

## G

GABA: gamma-aminobutyric acid  
GAP-43: growth-associated protein-43  
GCS: Glasgow Coma Scale  
GED: General Education Diploma  
GI: gastrointestinal  
GMO: general medical officer  
GOS: Glasgow Outcome Scale  
GPB: glossopharyngeal breathing

## H

H<sub>2</sub>: Histamine<sub>2</sub>-receptor  
HDL: high density lipoprotein  
HF: half field  
HIV: human immunodeficiency virus  
HO: heterotopic ossification  
HR: heart rate  
HTL: hearing threshold level  
HTM: high threshold mechanoreceptors

## I

IASP: International Association for the Study of Pain  
IC: intermittent catheterization  
ICP: intracranial pressure  
ICU: intensive care unit  
International 10-20: The International Ten-Twenty System of Electrode Placement  
IP: interphalangeal  
IPI: interpotential interval  
IPOP: immediate postoperative prosthesis  
IPORD: immediate postoperative rigid dressing  
ISNY: Icelandic-New York  
ITB: iliotibial band  
IU: international units  
IV: intravenous

## K

KAFO: knee-ankle-foot orthosis

## L

L-dopa: levodopa  
LE: lower extremity  
LHS: left heelstrike  
LLB: long leg brace  
LOD: line of duty  
LTM: low threshold mechanoreceptors

## M

MAOI: monoamine oxidase inhibitor  
MCL: medial collateral ligament  
MCP: metacarpophalangeal  
MCVOST: Medical College of Virginia Olfactory Screening Test  
MEB: Medical Evaluation Board  
MEDCOM: Medical Command  
MEP: motor evoked potential  
MESI: Mangled Extremity Syndrome Index  
MF2K: Medical Force 2000  
ML: medial-lateral

MMPI-2: Minnesota Multiphasic Personality Inventory-2  
MMRB: Military Medical Retention Board  
MMTN: myelinated mechanothermal nociceptors  
MOD: modification  
MOS: military occupation specialty  
MP: myoelectric prosthesis  
MP: metacarpophalangeal  
MPA: microstomia prevention appliance  
MRI: magnetic resonance imaging  
mRNA: messenger ribonucleic acid  
MS: multiple sclerosis  
MSH: melanocyte stimulating hormone  
MTF: medical treatment facility  
MTP: metatarsophalangeal  
MVC: maximum voluntary isometric contraction

## N

NAD<sup>+</sup>: nicotinamide adenine-dinucleotide  
NADH: NAD<sup>+</sup> gains hydrogen to become  
NARSUM: narrative summary  
NATO: North Atlantic Treaty Organization  
NCS: nerve conduction study  
NG: National Guard  
NGF: nerve growth factor  
NHIF: National Head Injury Foundation  
NIH: National Institutes of Health  
Nm: knee moment  
NMDA: N-methyl D-aspartate  
NMS: neuromusculoskeletal  
NPO: nothing by mouth  
NPT: nocturnal penile tumescence  
NSAID: nonsteroidal antiinflammatory drug  
NSNA: normal shape, normal alignment

## O

OBLA: onset of blood lactate accumulation  
OEA: Operations, Evaluations, and Analysis Officer  
OH: orthostatic hypotension  
OT: occupational therapist/therapy  
OTSG: Office of The Surgeon General

## P

PA: Physician Assistant  
PAFO: plastic ankle-foot orthosis  
PCA: patient controlled analgesia  
Pco<sub>2</sub>: partial pressure of carbon dioxide  
PDB: Physical Disability Branch  
PEB: Physical Evaluation Board  
PEBLO: Physical Evaluation Board Liaison Officer  
PEEP: positive end-expiratory pressure  
PERSCOM: Personnel Command  
PF: plantarflexion  
PFT: pulmonary function test  
PIP: proximal interphalangeal  
PMO: Personnel Management Officer  
PMR: physical medicine and rehabilitation  
PNF: proprioceptive neuromuscular facilitation  
Po<sub>2</sub>: partial pressure of oxygen  
PROM: passive range-of-motion  
PT: physical therapist/therapy  
PT: prothrombin time  
PTA: posttraumatic amnesia  
PTB-TCS: patellar tendon bearing, total contact socket  
PTE: posttraumatic epilepsy  
PTSD: posttraumatic stress disorder

## R

IRM: one repetition maximum test  
 RDA: recommended dietary allowance  
 RGO: reciprocating gait orthosis  
 RH: thyrotropin releasing hormone  
 RHO: right heeloff  
 RHS: right heelstrike  
 RQ: respiratory quotient  
 RSD: reflex sympathetic dystrophy  
 RSDS: reflex sympathetic dystrophy syndrome  
 RTO: right toef off  
 RTS: right toestrike

## S

3S: silicone suction socket  
 SACH: solid-ankle cushion-heel  
 SAFE: stationary attachment, flexible endoskeleton  
 Sca: Slow component a  
 Scb: Slow component b  
 SCI: spinal cord injury  
 SCL-90: Symptom Checklist-90  
 SCV: slow component velocity  
 SEE: standard error of the estimate  
 SFC: soluble fibrin complex  
 SIADH: secretion of inappropriate antidiuretic hormone  
 SIDS: Sudden Infant Death Syndrome  
 SMP: sympathetically maintained pain  
 SNAP: sensory nerve action potential  
 SP: silent period  
 SPECT: single photon emission computed tomography scans  
 SPL: sound-pressure level  
 SSRI: selective serotonin reuptake inhibitors  
 STEN: STored ENergy foot  
 STSG: split thickness skin graft  
 SV: stroke volume  
 SWOB: separated without benefits  
 SWSP: separated with severance pay

## T

TABPM: American Board of Physical Medicine  
 TBI: traumatic brain injury  
 TBSA: total body surface area  
 TBSAB: total body surface area burned  
 TCA: tricyclic antidepressants  
 TCL: tibial collateral ligament

TDRL: Temporary Disability Retired List  
 TENS: transcutaneous electrical nerve stimulation  
 TES: total elastic suspension  
 TD: termal device  
 THA: tetrahydro-9-aminoacridine  
 tid: three times per day  
 TKA: trochanter, knee, ankle (line)  
 TLE: temperolimbic epilepsy  
 TLSO: thoracolumbosacral orthosis  
 TO: Theater of Operations  
 TOS: thoracic outlet syndrome  
 TPR: total peripheral resistance  
 TRH: thyrotropin releasing hormone  
 TRM: ten repetition maximum  
 TUN: total urinary nitrogen

## U

UCL-BC: University College of London Bioengineering Center  
 UDS: Utah Dynamic Socket  
 UE: upper extremity  
 UN: United Nations  
 USAPDA: United States Army Physical Disability Agency  
 USAR: United States Army Reserve  
 USC: United States Code  
 UTI: urinary tract infection  
 UUN: urinary urea nitrogen

## V

VA: Veterans Affairs, Department of  
 VAMC: Veterans Affairs Medical Center  
 VASRD: Veterans Administration Schedule for Rating Disabilities  
 VEP: visual evoked potentials  
 VHIS: Vietnam Head Injury Study  
 Vo<sub>2</sub>max: volume of maximum oxygen consumption  
 Vo<sub>2</sub>: oxygen consumption

## W

WBC: white blood cell  
 WBGT: wet-bulb globe temperature  
 WDR: wide dynamic range  
 WHFO: wrist, hand, finger orthosis  
 WMSC: Women's Medical Specialist Corps  
 WRAMC: Walter Reed Army Medical Center