INDEX

A

Abreaction
(through confession, 401
in debriefing, 279
in dramatic metaphor, 402
Abstraction skills
assessment, after traumatic brain injury, 334
Acceptance
absence of, with blindness, 369-370
and captivity adaptation, 425
Acetylcholinesterase inhibitors, 89
See also Chemical warfare
Acevedo, Mario H., 114
Achilles, 57
Acker, M., 361
Acute anxiety syndromes, 50-52
Acute combat reactions
after reentry, 298-301
treatment, 483-484
Acute stress disorder, 77-78
diagnostic criteria, 78
in DSM-III, 413, 466
in DSM-IV, 78, 413-414
Adamsite, 92
See also Chemical warfare
Adaptation
and captivity, 434-436
Adjustment
among World War II veterans, 462-463
See also Readjustment; Vietnam-Era Veterans Adjustment Survey (VEVAS)
Adjustment disorder
among POWs, 441
See also Readjustment
Admissions, 13, 17
Affective disorders
and traumatic brain injury, 335
Afghanistan, 22, 94
Agent BZ, 91, 92
See also Chemical warfare
Aggressive behavior
and traumatic brain injury, 336-337
Agrammatism, 333
Agraphia, 333
AIDS (acquired immunodeficiency syndrome), 75, 481
See also HIV (human immunodeficiency virus); Sexually transmitted diseases
Air defense artillery, 166
Alcohol
ancient use, 125
homemade, 27
and memory loss, 341
and sailors, 215
and traumatic brain injury, 338, 340
Alcoholism
among POWs, 441-442, 446-448
in Vietnam War, 19, 73
See also Substance abuse
Alexander, M.P., 330
Alexander, Samuel E., 150
Alexia, 333
Alexithymia
case study, 419-420
Alprazolam, 447
See also Pharmaceuticals; Pharmacotherapy
American Medical Association (AMA), 99
American Red Cross, 155
See also Joint or combined operations other than war
American Revolution, 153
Amnesia
anterograde, 326-327, 400
differential diagnosis, 400
post-traumatic, 326-327
as reaction to combat, 52
retrograde, 326-327, 400
simulated, 400
transient global amnesia, 400
in traumatic brain injury, 324
See also Memory
Amphetamines, 125, 186
See also Pharmaceuticals; Pharmacotherapy; Substance abuse
Amputation, 355-359
behavioral effects, 355-356
and phantom limb, 356-358
treatment, 358-359
Amytal Test
for abreaction, 203
and amnesia, 52
and diagnosis, 402-403
and traumatic brain injury, 338
Anderson, Leslie, 292
Anderson, R.C., 390
Anosognosia, 395
for blindness, 368
and brain syndromes, 364-365
for hemianopia, 368
and traumatic brain injury, 327-328, 335-336
See also Denial
Anosognosic attitude, 335
Anton’s syndrome, 368
Anthrax, 95
See also Biological warfare
Anticipation, uncertainty, surprise
as combat stress variable, 142
Antidepressants, 54, 55, 59, 127, 339, 421, 447
See also Pharmaceuticals; Pharmacotherapy; Treatment
Anxiety-depressive syndromes, 53-55
See also Anxiety disorders; Atypical Anxiety/Depressive Cases
Anxiety disorders
after amputation, 355-356
as combat stress casualty, 38, 47, 48, 53-55
and pharmaceuticals, 126
among POWs, 442
as reentry reaction, 301
and traumatic brain injury, 335
See also Acute anxiety syndromes; Anxiety-depressive syndromes; Atypical Anxiety/Depressive Cases; Panic
Aphasia, 333
Appel, J.W., 15, 40-41, 142, 157
Apraxia
and traumatic brain injury, 334
Archibald, H.C., 464, 465
Arden, 221
Armor, 163-164
Army aviation, 166-167
Arthur, R.J., 475
Artiss, K.L., 9, 202, 479
Askevold, F., 219-220
Astasia-abasia, 396-397
Ativan, 419
See also Pharmaceuticals; Pharmacotherapy
Atomic Bomb Casualty Commission, 99
Atrocity, 56-57
Atropine, 89-90, 91, 92
See also Chemical warfare
Attention
assessment, after traumatic brain injury, 332
Atypical anxiety/depressive cases, 55-57
See also Anxiety-depressive syndromes
Auenbrugger, Leopold, 6
Aum Supreme Truth, 89
AWOL from battle, 57-58

B
Babinski, Joseph, 386, 388
Babinski sign, 389
Bacterial agents, 97
Bailey, A.A., 357
Bailey, P., 10, 38
Baker, S.L., 73
Balance disorders
differential diagnosis, 396-397
Baldwin, Richard W., 2
Bar-on, R., 38, 42
Barton, William P., 214
Basel, Gene, 185
Battle ecologies, 41, 416
Battle fatigue, 37
categorization, 45
military nomenclature, 414
normal signs, 46
prevention, 260
serious signs, 47
treatment, 44, 260
Battle pulses, 42
“Battle shock,” 141
Battle type
as combat stress variable, 141
Battlefield factors
as combat stress variable, 135, 141-142
Battlefield paralysis, 118
Bauden, 8
Beach, E.L., 222-223
Beebe, G.W., 14, 15, 40-41, 142, 157, 439, 443, 461, 462
Beers, Clifford, 9
Behavioral effects
of amputation, 355-356
of spinal cord injuries, 361-362
Behavioral management
of burn injury, 366-367
of traumatic brain injury, 338
Bahr, A.R., 217
Biersner, R.J., 217
Beirut, 20-21, 233
See also Middle East conflicts
Belenky, G.L., 8, 10, 22, 24, 38, 42, 55, 68, 121, 416
Benson, D.F., 330
Benson, H., 79
Benson, J.W., 443
Benzodiazepine receptor studies, 126
Benzodiazepines, 447, 483, 484
antagonists, 482, 483
in Falkland Islands War, 23, 125-126
and functions mediated by, 126
See also Pharmaceuticals; Pharmacotherapy; Substance abuse
Berserk soldiers, 56, 57, 215
Bettelheim, B., 442
Billings, E.G., 70-72
Biological models
of chronic post-traumatic stress disorder (PTSD), 415-416
Biological warfare, 87, 95-98
allegations of, 88
bacterial agents, 97
and neuropsychiatric casualties, 95-98
and physiological effects, 95
rickettsial, fungal, and toxic agents, 98
viral agents, 97
Biopsychosocial model
of chronic post-traumatic stress disorder (PTSD), 416-417
Bledsoe, C. Warren, 371
Blindisms, 370
Blindness, 367-372
cerebral, 368
early reactions, 369
stresses and coping mechanisms, 369-371
treatment, 371-372
visual phenomenology, 368-369
See also Visual disorders; Visuospatial skills
Bohrod, Aaron, 384
Bonaparte, Napoleon, 6, 67, 199
Bors, Ernest, 360
Borus, J.F., 465
Botulinus toxins, 95
See also Biological warfare
Bohne, H., 39, 50
Brace, Francis, 214
Bradley, Omar, 12, 156, 476
Brain syndromes
anosognosia and reduplication, 364-365
delirium, 364
and disfiguring injuries, 364-365
manifestations, delayed, 364
neuropathology, 365
Brainwashing, 422, 438-439
Brando, Marlon, 362
Brandt, T., 394
Breuer, Joseph, 386, 4111
Brevity, 46, 202, 246
Breznitz, S., 142
Brill, N.Q., 461, 462
Briquet, Paul, 386, 4111
Briquet's syndrome, 442
Bromberg, Manuel, 134
Brown-Peterson interference technique, 332
Brumback, R.A., 331

494
Acronyms and Abbreviations

Bureau of Medicine and Surgery (BUMED), 214, 217
Burns, 364-367
See also Disfiguring injuries
Burnside, General, 207
Burtt, D.M., 363
Bushard, B., 116
Bushido, 422
BuSpar, 126, 420, 482
See also Pharmaceuticals; Pharmacotherapy
Buspirone, 126-127, 415, 482
See also Pharmaceuticals; Pharmacotherapy
Caffeine, 483
Calculation skills
assessment, after traumatic brain injury, 333-334
Caldwell, J.M., 102
Calhoun, 67
Calley, William, 76-77
Calvert, 120
Cambodia, 94
Camptocormia, 397
Canadian Vietnam veterans, 468-470
Canberra, 221
Cannon, W.B., 415
Capgras syndrome of, 330
Captorvity
adaptation, 424-425, 434-436
coping, 434-436
nature of, 433-434
and psychiatric symptoms, 437-438
and social isolation, 436-437
stresses of, 435
techniques for handling, 424-426
Carden, N.L., 391
Carraway, Howard E., 219
Case studies
of alexithymia, 419-420
of amnesia, 52
of anxiety, severe, 51
of Army support to Air Force base, 254
of atrocity, 56
of battle fatigue, 258
of berserk soldier, 56
of civil disaster relief, 263-264
of cohesion, 226-227
of combat crisis, 3-4
of combat fatigue, 120
of confabulation, 328
of conversion disorders, 390-391, 393, 397, 401-403
of critical incident psychiatric debriefing, 287-288
of CSC staffing, 260-261
of dehydration, 120
of delayed post-trauma debriefing, 284-285, 285-287
of denial of blindness, 368
of denial, 393-394
of depression, severe, 54
of disfiguring injury, 367
of dissociative reaction, 394
of end-of-tour debriefing, 284-285, 285-287
of enjoyment of combat, 58-59
of environmental disorientation, 329
of fugue state, 52
of genital mutilation, 373-374
of “Guadalcanal nerves,” 227-228
of hemorrhagic shock, 49
of inadequate leadership, 168-169
of indiscipline, 75-77
of large group debriefing, 280
of loneliness and frustration disorders, 74
of mass casualties, 254
of multidisciplinary team development, 287-288
of normal reactions to combat, 48-49
of “old sergeant syndrome,” 54-55
of post-traumatic stress disorder (PTSD), 3-4, 417-420
of psychiatric casualties in medical personnel, 228-229
of sleep deprivation, 165
of sleepwalking, 51
of stuttering, 51
of tactical restraints on interventions, 255
of traumatic brain injury, 342
of unit cohesion, 224-227
of wry neck, 397
Casem, N.H., 433
Castration and genital mutilation, 372-374
behavior, 372-373
treatment, 373-374
Casualties
among great powers, 293
and reactions on reentry, 299-301
Catastrophic reaction, 335
Catch-22, 188
Catecholamine precursors, 121
See also Pharmaceuticals; Pharmacotherapy; Serotonin
Center for Policy Research, 466
Cenrality, 202, 246
Chaplains, 281, 309
Charcot, Jean-Martin, 386, 387, 411
Charles Bonnet syndrome, 369
Chemical warfare, 23, 87-95, 116
allegations of, 88
and associated neuropsychiatric syndromes, 93-95
and physiological effects, 89-93
treatment of, 89-92
Chernobyl, 99, 101-102
Chlorine, 87, 388
See also Chemical warfare
Chlorpromazine, 126
See also Pharmaceuticals; Pharmacotherapy
Cholden, L., 370
Churchill, Winston, 195, 224
Cimetidine, 366
Circadian rhythms, 184
disrupted, 121
See also Sleep
Civil disaster relief
as joint operations, 263-264
Civil disturbance response
as joint operations, 263-264
Clark, W.R., 103, 364
Clark Report, 103
Clinton, Bill, 477
Closed-head injury (CHI), 321-324
and diffuse axonal injury (DAI), 322
and focal injury, 321-322
hypoxia - ischemia, 322
microvascular change, 322-323
and oxygen free radicals and lipid peroxidation, 323-324
and secondary tissue injury, 323
Cocaine, 124
See also Pharmaceuticals; Pharmacotherapy; Substance abuse
Code of Conduct, 422, 423, 435
Cognitive changes
and traumatic brain injury, 335
Cohen, B.M. 439
Cohesion
as combat stress variable, 139
impediments to, 477-478
and reentry issues, 302-303
See also Unit cohesion
COHORT (cohesion, operational readiness, training) Pro-
gram, 123
Collaboration, 439
Collazo, C., 23
Combat enjoyment, 58-59
Combat environments
Army: combat support/combat service support troops, 167-169
Army: combat troops, 162-167
Navy: marines: amphibious warriors, 224-231
Navy: merchant mariners, 218-220
Navy: naval air warriors and carrier battle groups, 222-224
Navy: submarine warriors, 216-218
Navy: surface warriors, 220-222
Combat exhaustion, 10, 12, 17, 141
Combat experience
as combat stress variable, 137-138
Combat fatigue, 10, 72, 141, 218
case study, 229
as psychophysiological disorder, 120
and U.S. Air Force psychiatric support, 182-183
See also Exhaustion
Combat length and intensity
as combat stress variable, 41-43, 141-142
Combat psychiatry
in future warfare, 122-127, 482-484
principles of, 8-28, 43, 245-246, 476, 477
of U.S. Air Force, 177-210
of U.S. Army, 149-175
of U.S. Navy, 211-242
Combat reactions, acute
after reentry, 298-301
Combat role
as combat stress variable, 138-139
Combat stress: a psychological model, 133-148
antecedent variables, 135, 136-142
appraisal process, 135, 136, 143-144
background, 135-136
coping modes, 135-136, 144-145
mediating variables, 135, 143
response modes, 135-136, 144
Combat stress behaviors, 66
See also Combat stress casualties
Combat stress casualties
and combat intensity, 41-43
definition, 37
etiopathogenesis, 40-43
from low-intensity warfare, compared with traditional, 65-
66, 479-480, 481
manifestations, 37-40
prediction of psychiatric, 43
prevention and treatment, 37, 43-59, 79, 123, 479-480, 481,
482-484
research on, 120-122
symptoms, 39, 40
treatment, 43-59
See also Combat stress control; Loneliness and frustration
casualties; Nostalgia
Combat stress centers, 250
Combat stress company of Army, 171-173
Combat stress control (CSC) in joint operations, 243-270
in efforts other than war, 259-267
inherent problems, 245
limitations of and need for, 247
mission functions, 246-247
participating military branches, 248-259
preventive methods, 247
recommendations, 267-269
Combat stress control mission of Army, 151-153
Combat stress factors, 4-6
Combat stress reaction, 4-6
See also Reactions to combat
Combat support/combat service support troops, 167-169
Combat troops, 162-167
air defense artillery, 166
armor, 163-164
army aviation, 166-167
field artillery, 164-166
infantry, 162-163
Command action
consultation by mental health professionals, 308-310
Command behavior
and reentry issues, 303
Commitment, 116
See also Ideology, values, and commitment
Committee on Veterans Medical Problems, 461
Compazine, 126
See also Pharmaceuticals; Pharmacotherapy
Compliance
and captivity adaptation, 424-425
and postcaptivity recovery, 425
Compton, A., 396
“Concentration camp syndrome,” 440
Concurrence, 116, 307
Concussion, 325
See also Mild head injury
Confabulation
and traumatic brain injury, 328-329
Confidence
in commanders, 139-140
as soldiers, 140
See also Self-reliance
“Constipation,” 8
Construcational skills
assessment, after traumatic brain injury, 334
Consultant’s stance, 235, 236
Consultation-liaison, 246
Conversion disorders
during Civil War, 385-386
after Civil War, 386-387
differential diagnosis, 396-401
during Korean conflict, 391
during Vietnam War, 391
during World War I, 387-389
during World War II, 389-391
and post-World War II developments, 392-396
Acronyms and Abbreviations

- treatment, 401-403
- Convoy fatigue, 218
- Cooper, M.Z., 439
- Cope, D.N., 361
- Copen, Estes G., 39, 158
- Coping mechanisms
  - and blindness, 369-371
  - and captivity, 434-436
  - and combat stress, 135-136, 144-145
  - and disfiguring injuries, 365-366
- Cornell Medical Health Index, 440
- Cortical blindness, 368
- Crane, Stephen, 67
- Critical Incident Stress Foundation, 276, 283
- Crocq, L., 69
- Cullen, William, 10
- Cyanide, 92
  - physiological effects, 92
  - See also Chemical warfare

D

- DaCosta, 8, 48, 153
- Dana, 215
- Darwin, Charles, 415
- Datel, W.E., 17, 19, 20
- Datura stramonium, 92
- Davenport, R.C., 369
- Davidson, J.T., 421
- Davidson, S., 444
- Davis, R., 228
- De Bakey, M.E., 14
- de Goza, S., S., 364
- De Meyerey, 67
- De Wolfe, 229
- Debriefing after combat, 237-239, 271-290, 309, 310-313
  - after-action debriefing (AAD), 206, 275
  - and critical leader actions, 276
  - after-action review (AAR), 274-275
  - of armored division, 164
  - civilian critical incident stress debriefing (CISD), 237, 238, 276, 278
  - critical event debriefing (CED), 276-279
  - end-of-tour debriefing, 280, 284-285, 285-287, 310
  - historical group debriefing, 276, 277
  - history, 273-274
  - large group debriefing, 280
  - psychiatric debriefing, 279-280, 281-288
- Decompression, 310
- Dehydration
  - case study, 120
- Dejerine-Roussy, thalamic pain syndrome of, 395
- Delirium
  - and brain syndromes, 364
- Deller, J.J., 75
- Dementia pugilistica, 322
- Denial
  - after amputation, 356
  - of blindness, 369-370
  - and conversion disorders, 393-394
  - and post-captivity recovery, 426
  - after spinal cord injury, 361-362
  - and traumatic brain injury, 335-336
  - See also Anosognosia; Coping mechanisms; Disbelief
- Dependency, debility, and dread (DDD), 435, 439
- Depression
  - in Alaska and Aleutians, 68-69
  - after amputation, 355-356
  - and blindness, 370-371
  - and captivity adaptation, 425
  - as combat stress casualty, 47
  - followed by euphoria, 365
  - after genital mutilation, 373
  - among POWs, 441
  - after spinal cord injury, 361
  - and traumatic brain injury, 336
  - See also Anxiety-depressive syndromes; Atypical Anxiety/Depressive Cases
- Dercum, Francis X., 387
- Desert Rock I, IV, V, 102-103
- Deutsch, A., 67
- DeVinney, L.C., 120
- Dexamethasone, 125
  - See also Pharmaceuticals; Pharmacotherapy
- Diagnosis
  - See Differential diagnosis; Misdiagnosis
- Diagnostic and Statistical Manual of Mental Disorders (DSM-I), 215, 411
- Diagnostic and Statistical Manual of Mental Disorders (DSM-II), 411
- Diagnostic and Statistical Manual of Mental Disorders (DSM-III) and conversion disorder, 385
  - and post-traumatic stress disorder (PTSD), 413, 466
- Diagnostic and Statistical Manual of Mental Disorders (DSM-III-R), 413
- Diagnostic and Statistical Manual of Mental Disorders (DSM-IV), 78
- and acute stress disorder, 77-78
- and combat stress casualties, 37
- and post-traumatic stress disorder (PTSD), 413
- Diazepam, 125, 419
  - See also Pharmaceuticals; Pharmacotherapy; Substance abuse
- Diet, 121
  - See also Nutrition
- Differential diagnosis
  - of amnesia, 400
  - of balance disorders, 396-397
  - of gait disorders, 396-397
  - of Ganser syndrome, 400-401
  - of hearing loss, 398
  - of involuntary movements, 397
  - of motor disorders, 396
  - of pseudodementia, 400-401
  - of pseudo-seizures, 399-400
  - of sensory disorders, 397-398
  - of simulated amnesia, 400
  - of speech disorders, 398-399
  - of stance disorders, 396-397
  - of visual disorders, 398
- Diffuse axonal injury (DAI)
  - in closed-head injury, 322
- Disabling injuries
  - See Amputation; Blindness; Castration and genital mutilation; Spinal cord injuries
- Disaffection, 75
- Disbelief
  - and captivity adaptation, 424
  - See also Denial
- Disfiguring injuries, 364-367
  - and brain syndromes, 364-365
  - and coping mechanisms, 365-366
  - and recovery stresses, 365
  - treatment, 366-367
Disorientation
and traumatic brain injury, 329-330
Disposition of troops, options, 205-206
Dissociation
of conversion disorders, 394
Dix, Dorothea, 153
Doolittle, James, 295
Downed pilots
and joint operations, 253, 257
Doxepin, 419-420
Drayer, C.S., 38, 57
Drugs
See also Pharmaceuticals; Pharmacotherapy; Substance abuse
“Dutch courage,” 125
Dystonia, 397
Eberly, R.E., 442
Eby, Kerr, 86
Echelon treatment system, 44, 46
first-echelon measures, 196-200
second-echelon measures, 200-206
See also Joint military operations; U.S. Air Force combat psychiatry
Economic adjustment
among World War II veterans, 462
Eder, M.D., 387
Eisenhower, Dwight D., 422
Eitinger, L., 391, 440, 447
El Sudany El Rayes, M., 21
Electroconvulsive therapy, 339-340
Electromagnetic pulse (EMP) effects, 98-99
Ellenhorn, L., 465
Ellsworth, P.D., 204
Emergency War Surgery, 103
Endothelium-derived relaxing factor (EDRF), 323
Enjoyment of combat, 58-59
Enoch, D., 203-204
Environmental conditions
as combat stress variable, 142
Epidemiology
of conversion disorders, 395-396
Epileptic seizures
diagnostic criteria, 399-400
Epstein, S., 137
Erikson, E.H., 3-4
Erikson, K.T., 273
Ethics
and pharmaceuticals, 124-125
and treatment of radiation casualties, 99-100, 105
Etiology
of chronic post-traumatic stress disorder (PTSD), 414-417
Euphoria
and postcaptivity recovery, 425
Euthanasia, 100
Evacuation, forward, 50
“Evacuation syndrome,” 10, 37-38, 70, 123
Executive functions
assessment, after traumatic brain injury, 334
“Exhausted heart,” 4, 8
Exhaustion, 12, 38, 156, 476
Expectancy, 9, 22, 46, 51, 202, 246
Experience
See Combat experience
Euphoria
and postcaptivity recovery, 425
Euthanasia, 100
Evacuation, forward, 50
“Evacuation syndrome,” 10, 37-38, 70, 123
Executive functions
assessment, after traumatic brain injury, 334
“Exhausted heart,” 4, 8
Exhaustion, 12, 38, 156, 476
Expectancy, 9, 22, 46, 51, 202, 246
Experience
See Combat experience
“Explosion blow,” 23
"Facial vision,” 371
Fagan, Joe, 224
Fairrington, David N., 410
Falkland Islands War, 23, 297
Family adjustment
among World War II veterans, 463
Family issues
among POWs, 448
and reentry issues, 304-305
See also Social supports
Famous Faces Test, 332-333
Paradization, 388, 389
Farrar, C.B., 9
Fatigue
See Combat fatigue; Exhaustion; Rest; Sleep
“Fear of flying”
and U.S. Air Force psychiatric support, 182-183
Fenton, N., 68, 459, 461, 463
Field artillery, 164-166
Fighting Spirit, 198
Figley, C.R., 465
“Final Straw,” 54
Fisher, Michael, 185-186
Fliers in combat
support for, 179-194
See also Pilots
Flight Surgeon’s role, 188-194
combat flying, 188-189
ventilation, observation, early intervention, 189-194
Flumazenil, 126, 482, 483
See also Pharmaceuticals; Pharmacotherapy
Focal injury
in closed-head injury, 321-322
Follow-up research on veterans, 457-472
of Korean conflict, 464-465
of Vietnam Conflict, 465-470
of World War I, 459-461
of World War II, 461-464
Ford, C.V., 435
Forward treatment
See Treatment, forward
“Fratricide,” 94
Fragging, 70, 75, 76, 141, 159
French, J., 186
Freud, Sigmund, 10, 58, 77, 386, 387, 411, 415, 417
Friendly fire casualties, 94
Froede, R.C., 73
Frostbite, 16, 43, 479
Frustration
See Loneliness and frustration casualties
Fugue state, 52, 327
Pullerton, T., 24
Fungal agents, 98
Futterman, S., 464, 469
Future combat
and pharmaceutical use, 126-127
research: current and future, 482
and stress research, 121-122
Future warfare
and Army combat psychiatry, 173
characteristics of, 115-118
and principles of combat psychiatry, 122-127

Acronyms and Abbreviations

G

Gabriel, R.A., 141
Gait disorders
differential diagnosis, 396-397
Gal, R., 120, 137, 139, 140
Galveston Orientation and Amnesia Test (GOAT), 331-332
Ganser, Sigbert J., 400
Ganser syndrome
differential diagnosis, 400-401
“Garrison casualties,” 16-17, 43, 65, 70
“Gas hysteria,” 38, 93, 94
Gas mask phobia, 94
“Gas neurosis,” 93, 388
Gas warfare, 94
Gassner, Father, 415
Gaupp, R., 387
Genender, E., 424, 425
Geneva Convention, 170
Genital injuries
See Castration and genital mutilation
Geva, Eli, 77
Ginsberg, E., 155
Ginsberg, M.G., 363
Glasgow Coma Scale, 324, 326
Glass, Albert J., 12, 16, 38, 41, 46, 55, 57, 58, 104, 137, 139, 158,
202, 475-476, 479
Glasser, W., 421
Goiania, 101-102
“Goldbricking,” 53
Golden wound, 50
Goldstein, Kurt, 335
Gororrhea, 75
See also Sexually transmitted diseases; Venereal diseases
Goodwin, J., 417
Gorgas, General, 154
Graves Registration, 169
Greenfield, Sidney, 158
Greenson, R.R., 434
Greenwood, Marion, 458
Grenada invasion, 24, 233
Grief, 298, 299, 300
Grinker, R.R., 143, 187, 195, 391
Group therapy, 215
“Guerrilla neurosis,” 65
Guilt, 298, 299
survivor, 24, 28, 233, 234, 299
Guttmann, Ludwig, 360, 361, 362

H

Hackett, T.P., 433
Halcion, 24, 126
See also Pharmaceuticals; Pharmacotherapy
Hales, R.E., 340
Haley, S., 465
Hall, K.M., 361
Hall, R.C.W., 441
Halsey, Admiral, 226
Hamburg, B., 364
Hamburg, D.A., 364
Hammond, William A., 7-8, 385
Hanson, Fred, 12, 14-15, 38, 156, 476
Hara kiri, 422
Hartman, B.O., 184
Hayes, F.W., 19, 20
Head, Henry, 330
Head injury
closed-head injury (CHI), 321-324
mild, 325-326
penetrating, 324
Hearing loss
differential diagnosis, 398
Hector, 57
Helioporn, A., 360
Helweg, Hans H., 244
Hemineglect, 332, 334, 395
Henderson, W.R., 357
Heroin abuse, 19, 73
See also Substance abuse
High-intensity warfare
and battlefield treatment, 123-124
characteristics of, 117
and combat psychiatry principles, 122
and combat stress casualties, 37
in the future, 117-118
Hiroshima, 99, 101
Historical event reconstruction debriefing (HERD), 276
See also Historical group debriefing
Hitler, Adolf, 388
HIV (human immunodeficiency virus), 75, 481
See also AIDS (acquired immunodeficiency syndrome); Sexually transmitted diseases
Hocking, W.C., 197
Hofer, 67
Hoffman, K., 199
Hogan, Bart W., 223
Hohmann, G.W., 361
“Hollow army,” 159
Holloway, H.C., 19, 215
Holmes-Johnson, E., 24
Homecoming guidance, 311, 312
Homer (Iliad), 57
Homesickness, 67, 68
Homoerosexuality, 180, 477-478
Hoover, Richard E. “Dick,” 371
Hoover light cane, 370, 371
Horizontal cohesion, 302
See also Cohesion
Horror, 300
Hospital ship operations, history, 231-232
Hostage repatriation
as joint operations, 263
Huffman, R.E., 18, 72, 73
Hunter, E.J., 437, 438
Hurd, Peter, 178
Hurst, A.F., 387
Hyperarousal
and postcaptivity recovery, 425
Hypervigilance
and captivity adaptation, 424
Hypnosis, 327, 389, 401
Hypoxia - ischemia
in closed-head injury, 322
Hysteria, 385-388, 411
See also Conversion disorders
I

Ideology, values, and commitment, 140-141
See also Morale
Iliad, 57
Levav, I., 138
Levin, R., 363
Levin, W.A., 363
Levy, N.A., 192-193
Levy, R., 202
Lewisite, 93
See also Chemical warfare
Liaison
as CSC function, 246
Limited wars
and casualties, 293
dates and participants, 296
and reentry issues, 295-297
Lincoln, Abraham, 215
Linden, E., 76
Lipid peroxidation and oxygen free radicals
in closed-head injury, 323-324
Lipper, S.L., 421
Lloyd, Hendrie, 387
Loneliness and frustration casualties
precipitants, 70-72
presentations, 72-79
See also Nostalgia
Long, Perrin, 12, 156
Long, D.M., 464
Lorazepam, 419
See also Pharmaceuticals; Pharmacotherapy
Lovell, Joseph, 153
Low-intensity warfare
and combat stress casualties, 37
in the future, 116-117
Lyons, T.J., 186
M
Madigan, Patrick, 155
Mahan, 221
Mail, 226
Major wars
and reentry issues, 294-295
“Mal de corazon,” 67
“Maladie du pays,” 67
Malek, L., 95, 97, 98
Malingering, 8, 48
Malone, P.T., 441
Manning, F.J., 79, 198
Marchand, F., 14, 123
Marchand, W.E., 141
Margolin, S., 219
Marijuana
and loneliness and frustration disorder, 74
in Vietnam War, 19, 73
See also Substance abuse
Marines: amphibious warriors, 224-231
Marital adjustment
among World War II veterans, 462-463
Maritime psychiatry, history, 214-215
Marlowe, D.H., 8, 41, 70, 416
Marquez, L., 196
Marren, J.J., 69
Martin, J.A., 28
Mason, J.W., 120, 138
Mass casualty disasters
as joint operations, 264
Masserman, J.H., 478
Match Sellers, 86
Mateczun, J., 24
Maudlin, Bill, 162
McCarroll, J.E., 264-267
McCoy, A.W., 73
McCubbin, H.I., 448
McNamara, Robert, 476
“ McNamara’s 100,000,” 68
MEDIC, 218
Medical combat health support troops, 169-170
Medical disorders
as sequelae of captivity, 439-440
treatment of, after repatriation, 446-447
Medical/psychiatric organization of Army, 171-173
Meguro, K., 464
Melzack, R., 358
Membership, 15, 157
Memorial services, 237, 309
Memory, 335
and alcohol, 341
assessment, after traumatic brain injury, 332-333
See also Amnesia
Men Against Fire, 15
Men, The, 362
Menneninger, W.C., 48, 156, 200, 215, 204-205, 475
Mental health professionals
roles of, after reentry, 308-315
training, 281
Mental health program of Army, 171-173
“Mental-hygiene approach,” 116
Merchant mariners, 218-220
Merzenich, M.M., 358
Mesmer, Anton, 414-415
Meyer, Adolf, 337, 413
Microvascular change
in closed-head injury, 322-323
Microwave radiation, 103
Middle East conflicts, 21
Mild head injury
and traumatic brain injury, 325-326
Milgram, N.A., 135
Military bearing, maintaining, 435
Military Psychiatry: Preparing in Peace for War, 281
Military, role of, 475
Miller, Barse, 354
Miller, C., 464
Miller, R.G., 138
Mira, E., 11
“Misconduct combat stress reactions,” 72
“Misconduct stress behaviors,” 37, 65
prevention, 260
Misdiagnosis
and Amytal Test, 402-403
Mitchell, J.T., 237, 276, 277
Mitchell, S. Weir, 8, 385, 386
Mobile aeromedical staging facility (MASF), 255-256
Moersch, F.P., 357
Montgomery, Field Marshall, 141, 199
Mood disorders
and traumatic brain injury, 331
Mood stabilizers, 340
See also Pharmaceuticals; Pharmacotherapy; Treatment
Moody, Burdell, 272
Morale
as combat stress variable, 139
essentials, 225-227
See also Ideology, values, and commitment
Morehouse, G.R., 8, 385
Mortality
mass murders at Air Force base, 254
from nuclear warfare, 105
and traumatic brain injury, 321
among women soldiers, 28
among World War II veterans, 462
Mortuary Affairs units, 169
See also Recovery, of dead human bodies
Motor disorders
differential diagnosis, 396
Mott, Frederic W., 387
Mukherjee, A., 357
Multiple personality, 52
Munro, Donald, 360
Murphy, Audie, 459
Mustard gas, 87, 388
physiological effects, 92-93
See also Chemical warfare
Mutiny, 75
My Lai, 76-77
Mycotoxins, 87, 89
physiological effects, 93
See also Chemical warfare
Myoclonus, 397

N
“N.Y.D. (nervous),” 10, 38, 155
Nagasaki, 99, 101
Nagona, Admiral, 224
Naitoh, P., 121
Napoleon
See Bonaparte, Napoleon
Nardini, J.E., 435
National Vietnam Veterans Readjustment Study (NVVRS), 467
Naval air warriors and carrier battle groups, 222-224
Naval Health Research Center, 121
Naval Undersea Medical Institute (NUMI), 218
Neel, S., 17
Nefzger, M.D., 439
Nelson, Admiral Lord, 356
Nerve agents, 89-92
Neumann, M., 139, 140
Neurofibrillary tangles (NFT), 322
Neuroleptics, 339, 340
See also Pharmaceuticals; Pharmacotherapy; Treatment
Neurological aspects
of spinal cord injuries, 360-361
Neurophysiological aspects
of phantom limb, 357-358
Neuropsychiatric casualties
See Biological warfare; Chemical warfare; Nuclear warfare and disasters
Neuropsychiatry in World War II, 16, 157
Neuropsychiatry in combat, history, 153
Neuropsychological assessment after traumatic brain injury, 331-334
of abstraction, 334
of attention, 332
of calculation, 333-334
of constructional skills, 334
of executive functions, 334
of language, 333
of memory, 332-333
of praxis, 334
of visuospatial skills, 334
Newton, Isaac, 414
Nightingale, Florence, 8
Nightmares
as reentry reaction, 301
1984, 116
Nixon, Richard, 70
Noel, G., 360
Nonne, M., 387
Nonsteroidal antiinflammatory drugs (NSAIDs), 339
Norbury, F.B., 69
Noriega, Manuel, 24, 297, 298
Nostalgia, 4, 6-8, 65, 66, 67-70
See also Loneliness and frustration casualties
Nostalgic casualties, 42
See also Loneliness and frustration casualties; Nostalgia
Noy, S., 15, 137, 138, 139
Nuclear warfare and disasters, 87, 98-105
electromagnetic pulse effects, 98-99
laser and microwave radiation, 103
neuropsychiatric casualties, 101-103
physical effects, 98
physiological casualties, 99-100
treatment of casualties, 104-105
Nurses
volunteer, 231
See also Vietnam veteran nurses
Nutrition
and Guadalcanal campaign, 225
and POWs, 447
supplements, 124
See also Diet
O
Occupational adjustment
among World War II veterans, 462
O’Connell, M.R., 222
“Old sergeant syndrome,” 14, 53-54, 54-55, 478, 479
“OM Team,” 159
Opium, 73
See also Substance abuse
Oppenheimer, H., 8, 411
Oppenheimer, B., 138
Organicity
in conversion disorders, 394-395
Orientation and mobilization (O & N0, 371
Orwell, George, 116
Overt Aggression Scale, 337
Oxygen free radicals and lipid peroxidation
in closed-head injury, 323-324
P
Page, Herbert, 387
Page, W., 440, 441, 443, 445
Pak Six, 185
Pala, Michael, 474
Panama invasion, 24-26, 297, 298, 306
and Army neuropsychiatry, 160
Panic
and captivity adaptation, 424
See also Anxiety disorders
Paranoid behavior
and traumatic brain injury, 336-337
Parrish, Matthew D., 15, 157
Acronyms and Abbreviations

Paykel, E., 441
Penetrating brain injury, 321, 324
“Persian Gulf Syndrome,” 89
Persian Gulf War, 26, 27-28
and Army neuropsychiatry, 160-161
and biological warfare, 95
and chemical warfare, 89
Personality
as combat stress variable, 137
and spinal cord injuries, 362
See also Individual factors
Personality changes
as sequelae of captivity, 442-443
Personality development
and trauma as organizer, 445
Personnel
for joint CSC operations, 260-261
psychiatric casualties among, 228-229
selection, 475-476
support for nonflying combat, 195-207
training, 476
for debriefing, 281
Peterson, Donald, 158
Phantom limb, 356-358
Phantoms
of genitals, 373
of vision, 369
Pharmaceuticals
and ethical and practical issues, 124-125
and “no-sweat” pill, 74
as second-echelon measure, 203
use of
in combat, 123-124, 125-127
in future combat, 126-127, 482, 483, 484
See also Amytal Test; Pharmacotherapy
Pharmacological management
and traumatic brain injury, 338-339
See also Pharmaceuticals; Pharmacotherapy; Treatment
Pharmacotherapy
for burn injury, 366
after castration, 372
for chronic post-traumatic stress disorder (PTSD), 421
and conversion disorders, 391
for mood and behavior disorders of traumatic brain injury, 339
for pain of traumatic brain injury, 339
See also Case studies; Pharmaceuticals; Treatment
Phelan, J.D., 438
Phenothiazines, 91
See also Chemical warfare
Phenoxybenzamine, 339
Phosgene, 87, 93
See also Chemical warfare
Physostigmine, 91, 92
See also Chemical warfare
Piaget, Jean, 331
Pick, Arnold, 330
Pilots
downed, and joint operations, 253, 257
See also Fliers in combat; U.S. Air Force combat psychiatry;
U.S. Army combat psychiatry; U.S. Naval combat psychiatry
Pinel, Philippe, 153
Point system, 477
Ponteva, M., 464
Post, R.M., 421
Postconcussion syndrome, 322
Post-trauma debriefing
history, 273-274
Post-traumatic amnesia, 326-327
Post-traumatic stress disorder (PTSD), chronic, 77-79, 409-430
biological etiologic models, 415-416
biopsychosocial etiologic model, 416-417
and depression, 441
diagnostic criteria, 412
in DSM-III, 466
in DSM-IV, 273
etiology, 414-417
history, 411-414
military nomenclature, proposed, 414
among POWs, 421-426, 440-441
presentations, 417-420
prevalence, 469
prevention, as CSC mission priority, 260
as psychiatric syndrome, 480-481
and traumatic brain injury, 325
treatment, 420-421
among Vietnam veterans, 466-470
See also Post-traumatic stress disorder (PTSD), delayed
Post-traumatic stress disorder (PTSD), delayed, 77-79
and depression, 441
diagnostic criteria, 412
in DSM-III, 466
among POWs, 440-441
See also Post-traumatic stress disorder (PTSD), chronic
POW repatriation
as joint operations, 263
Pratt, D., 12, 475
Praxis
assessment, after traumatic brain injury, 334
Precaptivity training, 424
“Precombat syndrome,” 8, 47, 52-53, 142
Predictability and predisposition
and traumatic brain injury, 341-343
See also Predisposition
Predisposition
as predictor of psychiatric distress, 443-444
see also Predictability and predisposition
Prevention
of battle fatigue, 260
of combat stress casualties, 123, 247, 482-483
of low-intensity combat stress casualties, 79, 481
of misconduct stress behaviors, 260
of post-traumatic stress disorder (PTSD), 260, 483-484
of psychiatric casualties, 477
using rest for, 183-188
of venereal disease, 75
Prisoners of war (POWs), 421-426, 431-455
and chronic post-traumatic stress disorder (PTSD), 421-426
and coping mechanisms, 436
and experience of captivity, 433-438
and family issues, 448
and predictors of psychiatric distress, 443-444
readjustment of, 444-446
repatriation, 263
resistance of, 438-439
and sequelae of captivity, 439-443
treatment of, after repatriation, 446-448
Prostaglandins, 323, 324
Prosthesis, 359
Prozac, 420
Prisoners of war (POWs), 421-426, 431-455
and chronic post-traumatic stress disorder (PTSD), 421-426
and coping mechanisms, 436
and experience of captivity, 433-438
and family issues, 448
and predictors of psychiatric distress, 443-444
readjustment of, 444-446
repatriation, 263
resistance of, 438-439
and sequelae of captivity, 439-443
treatment of, after repatriation, 446-448
Prostaglandins, 323, 324
Prosthesis, 359
Prozac, 420
See also Pharmaceuticals; Pharmacotherapy

Pseudodementia
differential diagnosis, 400-401

Pseudopsychotic reactions, 55

Pseudoseizures
differential diagnosis, 399-400
See also Seizures
Pseudopsiepsia, 299
Psychiatric casualties
early conceptions, 6-8
prevention of, 477
Psychiatric debriefing, 279-280, 281-288
case studies, 280, 283, 284-288
debriefing tasks, 281-282
implementation, 284-288
issues and pitfalls, 282-283
postdebriefing tasks, 282
predebriefing tasks, 281
Psychiatric disability
among World War II veterans, 463
Psychiatric disorders
during captivity, 437-438
predictors of, among POWs, 443-444
as sequelae of captivity, 440-442
treatment of, after repatriation, 447-448
among World War II POWs, 446
Psychiatric symptoms, 437-438
prevalence among World War II veterans, 462
Psychiatric syndromes, 480-481
Psychiatry in a Troubled World, 200
Psychogenic seizures, 399-400
“Psychological fallout,” 99
Psychoneurosis, 38
Psychoses
and traumatic brain injury, 337
among Vietnam soldiers, 19
Psychotherapy
for chronic post-traumatic stress disorder (PTSD), 420-421
group therapy, 215
Puerto Rican Syndrome, 396
Pumpian-Mindlin, E., 464, 469
Putnam, James J., 387
R
“R and R,” 16, 477, 478, 479
Rachman, S., 197
Radiation, ionizing
clinical effects, 100
See also Nuclear warfare and disasters
Rage, 298
Rahe, R.H., 424, 425
Raines, George, 215
Ranson, S.W., 14-15, 49, 50
Ranson, W.W., 102
Rapid deployments, 294
and joint operations, 254-255
and reentry issues, 297
Raphael, B., 288
Rayman, R.B., 184
Reactions to combat
atypical, 55-59
normal, 48-50
pathological, 50-55
Readjustment
and postcaptivity recovery, 426
among POWs, 444-446
See also Adjustment disorder
Reconditioning, 246-247
Reconstruction, 246
Recovery
and captivity adaptation, 425-426
of dead human bodies, 264-267
among POWs, 445, 446
stresses, after disfigurement, 365
by units, and mental health professionals, 310-313
See also Mortuary Affairs units
Red Badge of Courage, 67
Red glass test, 398
Red Rover, 231
Redeployment home
and joint operations, 257, 259
Reduplication
and brain syndromes, 364-365
and traumatic brain injury, 330-331
Reentry after combat, 291-317
and acute combat reactions, 298-301
after limited wars, 295-297
after major wars, 294-295
after rapid deployments, 297
and reintegration to peacetime life, 301-305
and roles of mental health professionals, 308-315
and validation, 305-308
Rehm, Captain, 193-194
Reintegration to peacetime life
among POWs, 444-445
and reentry issues, 301-305
Relaxation response, 421
Renner, J.A., 18-19, 141
Reorganization/reconstitution, 246
Repatriation
of POWs or hostages, 263, 444-445
Repatriation
among POWs, 444-445
Research
atomic bomb burst simulation studies, 102-103
current and future targets, 482
extrapolation studies of trauma, 102
Vineberg Report, 103
See also Follow-up research on veterans
Residual stress, 465
Resistance
during captivity, 424-425
and postcaptivity recovery, 425
among POWs, 438-439
Rest, 183-188
crew, 183-187
interval between missions, 187
and recreation, 187
tour length, 187-188
See also Combat fatigue; Sleep
Restitution
and postcaptivity recovery, 426
 Restoration, 246
Restoril, 24, 126, 185
See also Pharmaceuticals; Pharmacotherapy
Retraining, 246-247
Revisualization of trauma, 401-402
Reynolds, John Russell, 386
Ribot’s law, 327
Richardson, F.W., 198
Richardson’s Tranquility House, 202
Acronyms and Abbreviations

Rickettsial agents, 98
Rickover, H., 217
Riddoch, G., 357
Ridenour, Dick, 231
Ripley, H.S., 463
Ritalin, 125
See also Pharmaceuticals; Pharmacotherapy
Roberts, A., 362
Roffman, R.A., 73
Romazicon, 126, 482
See also Pharmaceuticals; Pharmacotherapy
Rommel, 199
Rose, E., 75
Rose, R.M., 120, 138
Rosen, G., 67, 480
Roy, A., 394
Rumbaugh, James H., 401
Rush, Benjamin, 153
Rwanda relief mission, 267

S

Sacks, J.G., 102
Salmon, T.W., 9, 11, 40, 46, 135, 154, 155, 156, 202, 459, 461, 463
Salvesen, George, 219
Sample, Paul, 212
Sampson, J.B., 115
Sapol, E., 73
Sarín, 89
See also Chemical warfare
Sauvages, 67
Savage, P.L., 141
Schein, E.H., 422, 438
Schizophrenia, 19, 20, 337
See also Psychoses
Schneider, R.J., 28, 390
Schramel, D.J., 391
Schwartz, H.J., 288
Schwartzkopf, H. Norman, 478
Scopolamine, 90
See also Chemical warfare
Screening, psychiatric, 11, 12, 18
Scurvy, 215
Sears, H. James T., 232
Segal, J., 439
Seizures
diagnostic criteria, 399-400
Self-care
by soldier, and effectiveness, 92
Self-help groups, 421
Self-inflicted wounds, 57
Self-neglect, 361
Self-reliance
and combat stress, 120-121
See also Confidence, as soldiers
Sensory disorders
differential diagnosis, 397-398
Serotonin
agonist, 482
and depression, 336
and diet, 121
excess, 335
selective, reuptake inhibitors, 127, 419
See also Pharmaceuticals; Pharmacotherapy; Treatment
Sexual problems
after genital mutilation, 373
as loneliness and frustration disorder, 74-75
and recovery stresses, 365
and spinal cord injury, 362
Sexually transmitted diseases, 74-75, 481
See also AIDS (acquired immunodeficiency syndrome); Sexual problems; Venereal diseases
Shalev, A., 276
Shaw, J.A., 135, 478
Shay, J., 57, 169
Shea, Frances T., 232
“Shell shock,” 8, 9, 38, 123, 154, 411
“Short-timer’s syndrome,” 42, 157, 194, 203
Silver, M., 340
Simplicity, 203, 246
Simulated amnesia
differential diagnosis, 400
Singer, M.T., 437, 438
Sledge, W.H., 444
Sleep
and chemical warfare, 94
and combat role, 121
derprivation, 165, 483
discipline, as first-echelon measure, 199
and high-intensity warfare, 117
need for, 121-122
and recovery stresses, 365
slow wave, 186
and symptom differences, 233
See also Circadian rhythms, disrupted
Sleepwalking, 10, 51
Smallpox, 95
See also Biological warfare
Smythe, G.E., 357
Sobel, R., 14, 53, 54-55
Social and community adjustment
among World War II veterans, 463
Social isolation, 436-437
after genital mutilation, 373
Social supports
as predictor of psychiatric distress, 444
See also Family issues
Sodetz, 55
“Soldier’s disease,” 73
“Soldier’s heart,” 48, 153, 385
Solomon, Z., 138
Somalia deployment, 261, 276-277
Soman, 89
See also Chemical warfare
Somatoform disorders
among POWs, 442
Somatosensory memories, 357
and pain, 358
Somnambulism, 51
See also Sleepwalking
Southerly, W.T., 465
Soviet Union, former
Chernobyl, 99, 101-102
Sverdlovsk, 95
Spanish Civil War, 11
Spaulding, R.C., 435
Special operations forces, 262
contact, with conventional MH/CSC, 262-263
and mental health capability, 262
Speech disorders
differential diagnosis, 398-399
See also Stuttering
Speed, N., 440
Spiegel, D., 401
Spiegel, H., 401
Spiegel, J.P., 143, 187, 195, 391
Spinal cord injuries, 359-363
behavioral effects, 361-362
neurological aspects, 360-361
and personality, 362
treatment, 362-363
Spitz, Renee, 445
SPRINT (special psychiatric rapid intervention team), 234-239
history, 234
intervention techniques, 234-239
joint operations, 259
organization and mission, 234
St. Vincent, Lord, 356
St. Vitus’ Dance, 93
Stabilization, 246
Stafford-Clark, D., 191
Stahl, C.J., 73
Stance disorders
differential diagnosis, 396-397
Stanton, M.D., 73
Star, S.A., 120
Stark, 222, 274
Startle
and captivity adaptation, 424
reaction, 54
See also Anticipation, uncertainty, surprise
Staton, R.D., 331, 337
Steiner, H., 364
Steiner, M., 139, 140
Stelazine, 224
See also Pharmaceuticals; Pharmacotherapy
Stenger test, 398
Steroids
anabolic, 124
excretion, and combat stress, 120-121, 138
Stewart, T.D., 363
Steyn, Rolf, 214-215
Stimson, Henry L., 221
“Stockholm Syndrome,” 425
Stokes, J., 24, 25-27
Stouffer, S.A., 14, 120, 157
Strange, R.E., 231, 232
Strassman, A.D., 434
Strayer, R., 465
Strecker, E.A., 40
Stress disorders, 77-79
and captivity, 435
See also Acute stress disorder; Post-traumatic stress disorder (PTSD), chronic; Post-traumatic stress disorder (PTSD), delayed
Stress evaporation, 465
Stress inoculation, 478
Stress reactions, persistent
and reentry issues, 304
Stretch, R., 420, 468
Strike, 75
Stroop interference procedure, 332
Studies in Hysteria, 411
Stuss, D.T., 330
Stuttering, 51
See also Speech disorders
Submarine warriors, 216-218
Substance abuse
after genital mutilation, 373
as loneliness and frustration disorder, 73-74
and Persian Gulf War, 27
among POWs, 441-442, 447-448
and Vietnam Conflict, 19, 70
See also Alcoholism; Marijuana; Pharmaceuticals;
Pharmacotherapy
Suicide
by another’s hand, 56
and blindness, 369
hara kiri, 422
and self-neglect, 361
See also Coping mechanisms
Sullivan, Harry Stack, 12, 155
Superoxide dismutase, 323, 324
Surface warriors, 220-222
Surprise, 118
See also Anticipation, uncertainty, surprise; Startle
Survivor guilt, 24, 28, 233, 234, 299
Sutker, P.B., 442
Sverdlovsk, 95
Swank, R.L., 14, 123, 141, 390
Swann, S.W., 100
“Swiss disease,” 6, 67
Symonds, C.P., 190-191
Syphilis, 75, 215
See also Venereal diseases

T

Tabun, 89
See also Chemical warfare
Taft, W.H., 221
Tagamet, 366
See also Pharmaceuticals; Pharmacotherapy
“Tarantism,” 93
Telescoping, 357, 360
Temazepam, 24, 126, 185, 186
See also Pharmaceuticals; Pharmacotherapy; Restoril
Tennant, C.C., 439
Thanatos, 58
Thienes-Hontos, P., 465
Thom, A., 361
Thorazine, 126
See also Pharmaceuticals; Pharmacotherapy
Tissue injury, secondary
in closed-head injury, 323
Tokyo, Japan, 89
Torticollis, 397
Toxic agents, 98
Tranquilizers
See also Benzodiazepines; Pharmaceuticals; Pharmacotherapy
Transcutaneous electrical nerve stimulation (TENS), 359
Trauma
rewivalization of, 401-402
“Trauma membrane,” 236, 283
Traumatic brain injury (TBI), 319-351
and anosognosia, 327-328
and confabulation, 328-329
and disorientation, 329-330
and long-term sequelae, 334-337
and mild head injury, 325-326
and mood disorders, 331
and neuropsychological assessment, 331-334
and outcome, 341
pathogenesis, 321-324
and post-traumatic amnesia, 326-327
and post-traumatic stress disorder (PTSD), 325
predictability and predisposition, 341-343
and reduplication, 330-331
treatment, 337-340
"Traumatic neurosis," 77
Treatment
of acute combat stress, 483-484
of amputation, 358-359
of biological warfare, 95
of blindness, 371-372
of castration and genital mutilation, 373-374
of chronic post-traumatic stress disorder (PTSD), 420-421
of combat stress casualties, 37, 43-59
of conversion disorders, 388-389, 401-403
of disfiguring injuries, 366-367
of low-intensity combat stress casualties, 79, 479-480, 481
of nerve agent exposure, 89-92
of nuclear warfare casualties, 104-105
of postrepatriation illness, 446-448
of psychiatric casualties, 479-480
of reactions to combat stress, 43-59
after reentry, 313
of spinal cord injuries, 362-363
of substance abuse, 73
of traditional combat stress, 479
of traumatic brain injury, 337-340
using rest for, 183-188
and World War II veterans, 463-464
See also Case studies; Pharmacotherapy; U.S. Air Force combat psychiatry; U.S. Army combat psychiatry; U.S. Naval combat psychiatry
Treatment, battlefield
in high-intensity warfare, 123-124
pharmaceutical use, in combat, 125-127
Treatment, forward, 9, 11, 22
and breakdown, 138
and challenges to principles, 118-120
development of principles, 43-59
essential elements, 118
and negation of principles, 119
Tremor, 397
Triage, 100, 119
proximate neuropsychiatric, 246
by SPRINT unit, 236
Triazolam, 24, 126, 483
See also Pharmaceuticals; Pharmacotherapy
Trigger, 214
Troubador, 219
Tuddenham, R.D., 464, 465
Tureen, Major, 12, 156
Two Years Before the Mast, 215
Tyhurst, J.S., 102, 104
Tyner, 55

U

Ullmann, L.P., 417
Uncertainty
See Anticipation, uncertainty, surprise
Uniform Code of Military Justice, 57, 77, 477-478
Unit cohesion, 12, 15, 19, 68, 197-198
impediments to, 477-478
Unit factors
as combat stress variable, 135, 139-141
Unit recovery
and participation by mental health professionals, 310-313
Unrest, 75
Ur-defenses, 478

Ursano, R.J., 215, 264-267, 433, 434, 437, 438, 441, 442, 443, 444, 445
U.S. Air Force Combat Psychiatry, 248
U.S. Air Force combat psychiatry, 177-210
support for fliers in combat, 179-194
support for nonflying combat personnel, 195-207
See also Combat stress control (CSC) in joint operations; Joint military operations
U.S. Air Force MH/CSC capability, 248-249
U.S. Air Force Echelon II CSC, 248
U.S. Air Force Echelon III CSC, 248-249
U.S. Air Force Echelon IV CSC, 249
U.S. Air Force - U.S. Army: CSC cooperative situations, 252-257
Air Force liaison personnel in Army units, 253
with Army units stationed near Air Force bases, 253
with downed Air Force pilots, 253
forward Air Force bases under attack, 253-254
initial rapid deployment contingency operations, 254-255
during major buildup, 256-257
ongoing combat operations, 255-256
during redeployment home, 257
U.S. Army
medical department mission, 151, 152
mission, 151
U.S. Army combat psychiatry, 149-175
combat environments, 162-170
future, 173
history of neuropsychiatry in combat, 153
medical/psychiatric organization and combat stress company, 171-173
mental health/combat stress control mission, 151-153
See also Combat stress control (CSC) in joint operations; Joint military operations
U.S. Army MH/CSC capability, 251-252
U.S. Army CSC in Medical Command/Control Headquarters, 252
U.S. Army Echelon II MH Sections, 251
U.S. Army Echelon II/III CSC, 251-252
U.S. Army Echelon III Corps-Level Hospitals, 252
U.S. Army Echelon IV General and Field Hospitals, 252
U.S. Army Research Institute of Environmental Medicine, 121
with cross-attached units, 258
with downed pilots, 257
in joint SPRINT operations, 259
during major buildup, 259
Navy/Marine Corps liaison personnel in Army units, 257
with neighboring units, 257-258
during redeployment home, 259
U.S. Civil War
and Army neuropsychiatry, 153-154
and conversion disorders, 385-386, 386-387
and nostalgic casualties, 7-8
U.S. Marine Corps and Navy MH/CSC capability, 249-251
combat stress centers, 250
U.S. Marine Echelon II Medical Battalion Assets, 249-250
U.S. Navy CSC capability in peacetime disasters, 250-251
U.S. Navy Echelon III/IV Afloat - Hospital Ship, 250
U.S. Navy Echelon III/IV Ashore - Fleet Hospital, 250
U.S. Naval combat psychiatry, 211-242
care of casualties, 231-233
combat environments, 216-231
history of maritime psychiatry, 214-215
medicine and psychiatry, 214
mission and organization, 213-214
SPRINT (special psychiatric rapid intervention team), 234-239
See also Combat stress control (CSC) in joint operations; Joint military operations
USNS Comfort, 26, 232
USNS Mercy, 232
USS Pueblo, 423-424, 435, 436, 438
USS Bonefish, 239
USS Iowa, 239
USS Lexington, 239
USS Repose, 231, 232
USS Sanctuary, 231
USS Wasp, 223

V

Validation
of losses, 306-307
of principles of combat psychiatry, 16-28
substantive, 307-308
symbolic, 305-306

Valium, 125, 419
See also Pharmaceuticals; Pharmacotherapy

Values
See Ideology, values, and commitment
Van Drebbel, Cornelius, 216
Vandegrift, General, 226, 227
Vandere, R.H., 98, 99
Varna, S.K., 357
Vedder, James, 228-229

Venereal diseases
rates of, by war, 74
See also Sexually transmitted diseases

Veron, Edward, 215
Vertical cohesion, 302-303
See also Cohesion

Veterans
See Follow-up research on veterans
Vietnam-Era Veterans Adjustment Survey (VEVAS), 468-470
Vietnam Head Injuries Study, 324, 325, 341
Vietnam veteran nurses, 468-470

Vietnam Conflict
and Army neuropsychiatry, 158-159
causes of admission, 17
and conversion disorders, 391
and follow-up research on veterans, 465-470
and genital mutilation, 372
and My Lai, 76-77
and nostalgic casualties, 69-70
POWs, 423
psychiatric phases, 17
and reentry issues, 296
stress symptoms, 40
Vietnamization, 70
Villa, Pancho, 154
Vincennes, 173
Vineberg Report, 103

Violence
role of, in conversion disorders, 392-393
in traumatic brain injury, 336-337

Viral agents, 97

Virtual reality, 476

Visual disorders
and conversion disorders, 390
differential diagnosis, 398
See also Blindness; Visuospatial skills

Visuospatial skills
assessment, after traumatic brain injury, 334
Voluntary casualties, 42

Volunteer service
in submarines, 217-218

Von Salzen, C.F., 361

Vorbeireden, 400

W

War neurosis, 8, 9, 10
Washington, George, 153
Watson, C.G., 465
Wayne, John, 459
Webber, Dr., 229
Wechsler Adult Intelligence Scale, 334

Wehrle, John O., 320
Weinstein, E.A., 38, 50, 55, 394
Well-being, of individual
as combat stress variable, 137

Wellington, 199
Wheatley, R.D., 443, 445
White, James C., 358
White, N.S., 440
Whitlock, F.A., 394
Williams, F.E., 10, 38
Williams, Russell C., 371
Williams, R.M., 120

Wilmot, C.B., 361
Wilson, H., 331
Wilson, J.P., 465
Wisconsin Card Sort Test, 335

Wittkower, E., 369

Wolf, S., 463

Women soldiers
mortality, 28
as POWs, 445
as therapists, 233

World War I
and Army neuropsychiatry, 153-155
and biologic agents, 95
and chemical warfare, 87-88, 92, 93, 94
and conversion disorders, 387-389
and follow-up research on veterans, 459-461

World War II
and Army neuropsychiatry, 155-158
and biological warfare, 95
and chemical warfare, 87-89
and conversion disorders, 389-391
and follow-up research on veterans, 461-464
and psychiatric disorders among POWs, 446
and reentry, 295

Wortthington, E.R., 465

Wounds
admissions for, 13, 17
golden, 50
and psychiatric care, 232-233
rates of, in U.S. wars, 41
self-inflicted, 57

Wry neck
case study, 397

Y

“Yellow rain,” 87
See also Chemical warfare; Mycotoxins
Yerke, Sandra, 207
Yom Kippur War, 21, 42, 115-116, 122
York, Alvin, 459
Yudovsky, S.C., 340