

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
Ardent, 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
Behnke, 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
Bourne, P.G., 120, 138
Bowen, Edward J., 64
Bowman, J., 39, 50
Braceland, 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, 387
Briquet's syndrome, 442
Bromberg, Manuel, 134
Brown-Peterson interference technique, 332
Brumback, R.A., 331

Bureau of Medicine and Surgery (BUMED), 214, 217
 Burns, 364-367
 See also Disfiguring injuries
 Burnside, General, 207
 Burt, 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

C

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
 Captivity
 adaptation, 424-425, 434-436
 coping, 434-436
 nature of, 433-434
 and psychiatric symptoms, 437-438
 sequelae of, 439-443
 severity of, as predictor of psychiatric distress, 443
 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 amputation, 356
 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 event debriefing (CED), 279
 of critical incident psychiatric debriefing, 287-288
 of CSC staffing, 260-261
 of debriefing timing error, 283
 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 naval psychiatric casualties, 216, 221-223, 224-227, 228-229
 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
 Cassem, N.H., 433
 Castration and genital mutilation, 372-374
 and 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
 Centrality, 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) Program, 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
- Constructional 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

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, 89
 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 postcaptivity 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
 Dexedrine, 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 pseudoseizures, 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

E

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

"Explosion blow," 23

F

"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
Faradization, 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
Fullerton, T., 24
Fungal agents, 98
Futterman, S., 464, 469
Future combat, 482-484
 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

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
 Gonorrhea, 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
 Heilporn, 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
 Homosexuality, 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

Immediacy, 9, 46, 51, 202, 246
Incapacitants, 91, 92
Incident, 75
"Incubation of threat," 142
Indiscipline
 as loneliness and frustration disorder, 75-77
Individual factors
 as combat stress variable, 135, 136-139, 478
 See also Personality
Infantry, 162-163
Ingraham, L.H., 198
Inouye, Dean A., 419
Insubordination, 75
Interventions
 critical incident psychiatric debriefing, 287-288
Inventum Novum, 6
Involuntary movements
 differential diagnosis, 397
Iraq
 use of chemical warfare, 23, 88, 89
Irritability
 as reentry reaction, 301
Ischemia
 See Hypoxia - ischemia
Isolation, 299, 436-437

J

Jacobson, S.A., 360
Jamais vu experience, 327
James, William, 102
Janet, Pierre, 386
Japan, 89
 See also Hiroshima and Nagasaki
Jimson Weed, 92
Joint or combined operations other than war, 245, 259-267
 civil disaster relief, 263-264
 civil disturbance response, 263-264
 CSC mission priorities, 260
 CSC staffing, 260-261
 inherent problems, 245
 lessons recently learned, 261-262
 mass casualty disasters, 264
 POW or hostage repatriation, 263
 recovery of dead human bodies, 264-267
 special operations, 262-263
 See also Combat stress control (CSC) in joint operations
Joint military operations, 248-259
 U.S. Air Force MH/CSC capability, 248-249
 U.S. Air Force - U.S. Army: CSC cooperative situations,
 252-257
 U.S. Army MH/CSC capability, 251-252
 U.S. Army, U.S. Navy, and U.S. Marine Corps: CSC
 cooperative situations, 257-259
 U.S. Marine Corps and Navy MH/CSC capability, 249-251
 See also Combat stress control (CSC) in joint operations
Johnson, A.W., Jr., 19, 20, 126
Johnson, L.C., 121
Jones, F.D., 8, 10, 14, 17, 19, 20, 38, 39, 65, 66, 72, 75, 120-121,
 142, 194, 202, 391, 396, 435

K

Kahn, R.L., 50
Kalay, E., 139
Katz, J., 358
Kaufman, L.W., 68

Kawabe, General, 225
Keehn, R.J., 439
Keen, W.W., 8, 385
Killing
 and distress on reentry, 298-299
Kirkland, F., 58
Kjaer, G.C., 366
Kluznik, J.C., 441-442
"KO Team," 158
Kolb, L., 357
Komora, P.O., 10, 38
Konuma, M., 101
Korean conflict
 and Army neuropsychiatry, 158
 and brainwashing, 438-439
 and combat stress casualties, 69
 and conversion disorders, 391
 and follow-up research on veterans, 464-465
 and reentry issues, 296
Kral, V.A., 391
Krasner, L., 417
Kubler-Ross, E., 50
Kubo, 101
Kucala, T., 465
KZ syndrome, 440, 447

L

L-tryptophan, 121
 See also Serotonin
La Salpetriere, school of, 386
Lai, S.K., 357
Language skills
 assessment, after traumatic brain injury, 333
Larrey, Baron, 6, 7, 20, 67
Laser radiation, 103
Laterality, 328
 and conversion disorders, 395
Laughlin, H.P., 54
Law of Land Warfare, 57
Lawson, N., 361
Lazarus, R.S., 143
Le Tourneau, R.L., 96
Lea, Tom, 36
Leadership, 198-199
Lebanon War, 70
Lee, Robert E., 207
LeFebvre, 69
Lejeune, John A., 224
Lessons of war, 1-33, 475-478
 case study of combat crisis, 3-4
 combat psychiatry: 20th century principles, 8-28
 application of, 11
 development of, 8-11
 discovery of mediating, 12-16, 477
 limitations of, 16-28
 rediscovery and extensive application of, 11-12, 476
 validation of, 16-28
 impediments to cohesion, 477-478
 personal factors in combat stress, 478
 personnel: selection, 475-476
 personnel: training, 476
 psychiatric casualties: early conceptions, 6-8
 psychiatric casualties: prevention, 477
 role of military, 475
 stress inoculation, 478

- Levav, I., 138
 Levin, R., 363
 Levin, W.A., 363
 Levy, N.A., 192-193
 Levy, R., 202
 LewBSITE, 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, I., 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
 Marshall, S.L.A., 15, 16, 24, 120, 140, 237, 273-274, 276, 277, 288, 414, 425
 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
 Menninger, 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
Oppenheim, 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

- 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
- Protopam, 90
See also Chemical warfare
- Proximity, 9, 46, 51, 202-203, 246
- Prozac, 420

See also Pharmaceuticals; Pharmacotherapy

Pseudodementia

differential diagnosis, 400-401

Pseudopsychotic reactions, 55

Pseudoseizures

differential diagnosis, 399-400

See also Seizures

Pseudospeciation, 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

Reconstitution, 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

- 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
 Sarin, 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
 deprivation, 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, 22
 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 Benzodiazepines; Pharmaceuticals; Pharmacotherapy
 Transcutaneous electrical nerve stimulation (TENS), 359
 Trauma
 revisualization 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
U.S. Army, U.S. Navy, and U.S. Marine Corps: CSC cooperative situations, 257-259
 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
Vandre, R.H., 98, 99

Varna, S.K., 357

Vedder, James, 228-229

Veneral diseases

rates of, by war, 74

See also Sexually transmitted diseases

Vernon, 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

Worthington, 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

Yudofsky, S.C., 340