INDEX

Note: Page numbers followed by f indicate figures and t indicate tables. CP-1 and CP-2 indicate unpaged color plates.

```
β and γ secretase inhibitors, 147-149
β-blockers, 168
ε2-4 alleles (APOE), 80-81, 153-154
Aβ (amyloid-beta) peptides, 101-102, 103f, 104, 105f, 147-149
Aβ-derived diffusible ligands (ADDLs), 104-105
Abilify, 164t
Accuracy (diagnostic), 82-83, 84t-85t, 86-87
Acetyl-L-carnitine, 147-149
AChEs (acetylcholinesterases), 119, 120t, 121, 129, 130f, 131, 133-134
AChs (acetylcholines), 106-108, 117t, 118-119
Acidosis or alkalosis (serum), 54-55
Acute subdural hematomas, 46t
AD (Alzheimer's disease) and other dementias (diagnoses and
   management). See also under individual topics.
   AD-specific topics, 73-152
      natural history, 89-99
      pathophysiology and neuropathology, 101-111
      risk factors, genetics, biomarkers, and diagnostic accuracy, 73-87
      therapies (current and emerging), 113-152
   clinical trials and studies. See Clinical trials and studies.
   dementing disorders topics, 11-72
      definitions, 11-13
      epidemiology, 15-19
      evaluation processes and procedures, 21-43
      non-AD disorders, 45-72
   drugs and drug therapies. See Drugs and drug therapies.
   patient management topics, 153-182
      agitation and behavioral symptoms management, 153-168
      family education and support, 169-182
   resources and references for, 183-232
      clinician and family resources, 183-191
      references, 192-232
ADAPT (Alzheimer's Disease Anti-Inflammatory Prevention
   Trial), iv, 144-145, 151t-152t
ADAS-Cog (Alzheimer's Disease Assessment Scale-Cognitive
   Subscale), 121, 122t-125t, 126, 128f, 129, 130f, 132f, 134-135
ADCS-ADL (Alzheimer's Disease Cooperative Study-Activities of Daily
   Living) Inventory, 132f
ADCS-ADLsev (Alzheimer's Disease Cooperative Study-Activities of Daily
   Living, modified for severe dementia) Inventory, 140f
Addison's disease, 46t
ADDLs (A\beta-derived diffusible ligands), 104-105
ADEAR Center, 187, 189
Administration on Aging, 184
```

Adrenoleukodystrophy, 48t

Age (risk factor), 73

Advanced AD (Alzheimer's disease), 98-99

| gitation and behavioral symptoms management, 153-168 | MRI, 38-43 |
|--|--|
| assessments and evaluations for, 159, 160f, 161, 162t, 163, 164t-165t, | neuropsychologic evaluations, 39 |
| 166-168 | overviews of, 37-38 |
| decision trees for, 160f | PET, 42-43 |
| nonpharmacologic management strategies, 161, 162t | polysomnography, 41-42 |
| overviews of, 159, 160f, 161 | structural imaging studies, 39-40 |
| pharmacologic management strategies, 163, 164t-165t, 166-168. | T1 and T2 scans, 40 |
| See also Drugs and drug therapies. | VDRL tests, 38, 41 |
| of eating difficulties, 158-159 | Animal models, 111 |
| of hallucinations and delusions, 155-156 | Anoxia, 48t |
| overviews of, 153-154 | Anticholinergic agents, 54t |
| of physical and verbal agitation, 154-155 | Anticonvulsants, 54t, 164t-165t, 168 |
| psycho-behavioral metaphors and, 154 | Antidepressants, 52t-54t, 164t-165t, 166-167 |
| of sleep disruption, 158 | Antihistamines, 54t |
| of wandering and pacing, 156-157 | Antihypertensive agents, 54t |
| slcoholism, 46t | Anti-inflammatory agents, 116, 117t, 144-145 |
| Algorithms (evaluation processes and procedures), 23, 24f | Anti-luteinizing hormone therapies, 117t |
| | Anti-rate mizing normone dictaples, 1177 Antioxidants, 116, 117t, 139, 141-144 |
| Alpha-tocopherol (vitamin E), 115t, 117t, 141-144, 142t | |
| LS (amyotrophic lateral sclerosis), 48t | Anxiolytics, 164t-165t, 167 |
| Alzheimer's Association, 183 | APOE (apolipoprotein E), 80-81, 111, 153-154 |
| Alzheimer's Disease Anti-Inflammatory Prevention Trial (ADAPT), iv, | APP β and γ secretase inhibitors, 102, 103f, 104, 105f, 147-149 |
| 144-145, 151t-152t | Aricept, 120t, 127, 128f, 129 |
| Alzheimer's Disease Assessment Scale-Cognitive Subscale (ADAS-Cog), 121, | Aripiprazole, 164t |
| 122t-125t, 126, 128f, 129, 130f, 132f, 134-135 | Arteritis, 48t |
| Alzheimer's Disease Center (Boston University), 183-184 | Assessments and evaluations, 21-43, 159-168 |
| Alzheimer's Disease Cooperative Study-Activities of Daily Living, modified | for agitation and behavioral symptoms management, 159, 160f, 161, |
| for severe dementia (ADCS-ADLsev) Inventory, 140f | 162t, 163, 164t-165t, 166-168 |
| Alzheimer's Disease Cooperative Study-Activities of Daily Living (ADCS- | ancillary diagnostic studies, 37-43 |
| ADL) Inventory, 132f | measurement instruments for. See Measurement instruments. |
| Alzheimer's Disease Education and Referral Center, 183 | mental status assessments, 30-33, 34f, 35, 36t, 37 |
| Alzheimer's Disease International, 183 | processes and procedures for, 21-43. See also Evaluation processes |
| Alzheimer's Disease Neuroimaging Initiative (National Institute on Aging), | and procedures. |
| 86-87, 186 | Assisted living options, 178, 179f, 180-181 |
| Alzheimer's Foundation of America, 183 | Atypical neuroleptics, 164t-165t, 166 |
| alzheimer's Research Forum, 183 | Autoimmune disorders, 47t |
| American Academy of Neurology, 126 | |
| American Association of Homes and Services for the Aging, 184 | Bacterial meningitis and encephalitis, 46t |
| American Bar Association (Commission on Law and Aging), 184 | Basophilic inclusion body disease, 67-69 |
| American Health Assistance Foundation, 184 | Behavioral symptoms and agitation management, 153-168 |
| American Health Care Association, 184 | assessments and evaluations for, 159, 160f, 161, 162t, 163, 164t-165t, |
| American Society on Aging, 184 | 166-168 |
| Amnestic MCI (mild cognitive impairment), 94-96 | decision trees for, 160f |
| amyloid-beta (Aβ) peptides, 101-102, 103f, 104, 105f, 147-149 | nonpharmacologic management strategies, 161, 162t |
| amyotrophic lateral sclerosis (ALS), 48t | overviews of, 159, 160f, 161 |
| N-1792, 147-149 | pharmacologic management strategies, 163, 164t-165t, 166-168. |
| ancillary diagnostic studies, 37-43 | See also Drugs and drug therapies. |
| brain biopsies, 43 | of eating difficulties, 158-159 |
| for CJD, 41-42 | of hallucinations and delusions, 155-156 |
| CT, 38-40, 42-43 | overviews of, 153-154 |
| EEGs, 41-42 | of physical and verbal agitation, 154-155 |
| FDG-PET, 43 | psycho-behavioral metaphors and, 154 |
| functional imaging studies and fMRI, 42-43, CP-1, CP-2 | of sleep disruption, 158 |
| laboratory blood tests, 40-41 | of wandering and pacing, 156-157 |
| lumbar punctures and CSF analyses, 40-41 | Benzodiazepines, 164t-165t, 167 |
| | dianopinos, 10 to 100th 101 |

| Benzoquinone, 143-144 | ACh receptor blockers, 118-119 |
|--|--|
| Bibliography. See Resources and references. | AChEs, 119, 120t, 121, 129, 130f, 131, 133-134 |
| Binswanger's disease, 48t | Aricept, 120t, 127, 128f, 129 |
| Biomarkers, 81 | butylcholinesterase, 119, 120t, 121 |
| Blood tests (laboratory), 40-41 | carbamate inhibitors, 121 |
| Boston University (Alzheimer's Disease Center), 183-184 | ChEIs, 118-119, 126-127, 131, 133-135, 136t |
| Bovine spongiform encephalopathy (BSE), 70 | cholinergic agonists, 118-119 |
| Brain abcesses, 46t | clinical trials and studies of, 121, 122t-125t, 126 |
| Brain biopsies, 43 | Cognex, 126 |
| Brief mental evaluations, 31-33 | donepezil, 120t, 122t-123t, 127, 128f, 129 |
| BSE (bovine spongiform encephalopathy), 70 | Exelon, 120t, 129, 130f, 131 |
| Bupropion, 52t-53t | galantamine, 120t, 124t, 131, 132f, 133 |
| Busiprone, 164t-165t, 167 | Hup A, 133-134 |
| Butylcholinesterase, 119, 120t, 121 | memantine, 61, 117t, 124t, 135, 137-139, 140f |
| | metrifonate, 133-134 |
| CAA (cerebral amyloid angiopathy), 60-61 | nonspecific cholinesterases, 119, 120t, 121 |
| Cache County Memory and Aging Study, iv | overviews of, 116, 117t, 118 |
| CADASIL (cerebral autosomal dominant arteriopathy with subcortical | Reminyl, 120t, 131, 132f, 133 |
| infarcts and leucoencephalopathy), 60-61 | rivastigmine, 120t, 122t-123t, 129, 130f, 131 |
| Calcium antagonists, 147-149 | scopolamine, 118 |
| Carbamate inhibitors, 121 | side effects of, 134 |
| Carbamazepine, 164t-165t, 168 | tacrine (tetrahydroaminoacridine), 121, 122t, 126-127 |
| Carbon monoxide intoxication, 48t | Cholinergic synapses, 107f |
| Carcinomas, 46t | Cholinesterase inhibitors (ChEIs), 114, 114f, 116, 117t, 118-119, 126-127, |
| Cardiac arrest, 48t | 131, 133-135, 136t, 139, 159 |
| Cardiac failure, 48t | Chronic subdural hematomas, 46t |
| Caregiver support, 169-182. See also Family education and support. | CIBIC-Plus (Clinician's Interview-Based Impression of Change with care- |
| Caregiving careers and caregiver stress, 170-171 | giver input), 121, 122t-125t, 126, 128f, 129, 130f, 134-135, 140f |
| Carnitine (acetyl-L), 147-149 | Citalopram, 52t-53t, 165t |
| Case-control (retrospective) trials and studies, 15 | CJD (Creutzfeldt-Jakob disease), 41-42, 48t, 69-70 |
| Causes, 46t-48t | Clinical courses vs treatment consequences, 115f |
| irreversible, 48t | Clinical heterogeneity, 91-92 |
| potentially reversible, 46t-48t | Clinical trials and studies. See also under individual topics. |
| Celecoxib, 151t | case-control (retrospective), 15 |
| Celexa, 52t-53t, 165t | of cholinergic enhancements, 121, 122t-125t, 126 |
| Centers for Medicare & Medical Services, 185 | cohort (prospective), 15 |
| Central nervous system (CNS) vasculitis, 47t | epidemiologic, 15, 16f, 17-18, 19f |
| CERAD (Consortium to Establish a Registry for Alzheimer's Disease), | incidence, 17 |
| 110-111 | measurement instruments for. See also under individual instruments. |
| Cerebral amyloid angiopathy (CAA), 60-61 | ADAS-Cog, 121, 122t-125t, 126, 128f, 129, 130f, 132f, 134-135 |
| Cerebral autosomal dominant arteriopathy with subcortical | ADCS-ADL Inventory, 132f |
| infarcts and leukoencephalopathy (CADASIL), 60-61 | ADCS-ADLsev Inventory, 140f |
| Cerebral embolisms, 48t | CIBIC-Plus, 121, 122t-125t, 126, 128f, 129, 130f, 134-135, 140f |
| Cerebrolysin, 147-149 | Cornell Scale for Depression in Dementia, 36f |
| ChATs (choline acetyltransferases), 106-108, 107f | Demential Mood Assessment, 36f |
| ChEIs (cholinesterase inhibitors), 114, 114f, 116, 117t, 118-119, 126-127, | Functional Assessment Questionnaire, 27, 28f-29f |
| 131, 133-135, 136t, 139, 159 | Geriatric Depression Scale, 35, 36t, 37 |
| Chelation therapy, 148-149 | Hamilton Depression Scale, 36f |
| Chloroprmazine, 163, 164t-165t, 166 | MMSE, 11-12, 31-33, 34f, 35-36, 90-91, 91f, 126, 127, 128f, 129, |
| Choline acetyltransferases (ChATs), 106-108, 107f | 131, 133, 151t, 172, 175-176, 179f |
| Cholinergic agonists, 118-119 | NPI, 132f |
| Cholinergic enhancements, 116, 117t, 118-119, 120t, 121, 122t-125t, 126- | PDS, 130f |
| 127, 128f, 129, 130f, 131, 132f, 133-135, 136t. See also under | QoL Scale, 128f, 129 |
| individual drugs and drug types. | SIB, 140f |

| TICSm questionnaire, 150t-152t | as diagnoses, 12-13 |
|--|---|
| named. See also under individual trials and studies. | as a syndrome, 11 |
| ADAPT, iv, 144-145, 151t-152t | as syndrome of persistent cognitive impairment in adults, 13 |
| Cache County Memory and Aging Study, iv | as unsuccessful aging shorthand, 11-12 |
| DATATOP, 150t-152t | DSM-IV and, 12-13 |
| GEMS, 150t-152t | future perspectives of, 13 |
| Heart Protection Study, 150t-152t | overviews of, 11 |
| HERS, 150t-152t | Degenerative diseases, 48t |
| MIRAGE Study, iv | Dehydroepiandrosterone (DHEA), 146 |
| NIH Clinical Trials (National Library of Medicine), 184 | Delusions and hallucinations, 155-156 |
| PREADVISE, 150t-152t | Dementia pugilistica, 48t |
| PROSPER, 151t-152t | Demential Mood Assessment, 36f |
| | · · · · · · · · · · · · · · · · · · · |
| REVEAL Study, iv, 81 | Dementing disorders topics, 11-72. See also under individual topics. |
| WHI-PERT, 151t-152t | definitions, 11-13 |
| population-based, 17-18, 19f | epidemiology, 15-19 |
| prevalence, 15, 16f, 17 | evaluation processes and procedures, 21-43 |
| Clinic-based estimates, 19f | non-AD disorders, 45-72 |
| Clinician and family resources, 183-191 | Depakote, 164t |
| Clinician's Interview-Based Impression of Change with caregiver input | Deprenyl and Tocopherol Antioxidative Therapy for Parkinson's Disease |
| (CIBIC-Plus), 121, 122t-125t, 126, 128f, 129, 130f, 134-135, 140f | (DATATOP), 150t-152t |
| Clioquinol, 148-149 | Depression, 35-51, 47t, 50t |
| Clonidine, 146-149 | non-AD (Alzheimer's disease) disorders and, 47t, 49, 50t, 51 |
| Clozapine, 164t-165t, 166 | screenings for, 35, 36, 37 |
| CNS (central nervous system) vasculitis, 47t | Desipramine, 52t-53t |
| Coenzyme Q (CoQ), 117t, 143-144 | DHEA (dehydroepiandrosterone), 146 |
| Cognex, 126 | Diagnoses and management concepts. See also under individual topics. |
| Cohort (prospective) trials and studies, 15 | AD-specific topics, 73-152 |
| Commission on Law and Aging (American Bar Association), 184 | natural history, 89-99 |
| Common symptoms, 23t | pathophysiology and neuropathology, 101-111 |
| Communication (physician-patient and physician-caregiver), 171-173 | risk factors, genetics, biomarkers, and diagnostic accuracy, 73-87 |
| Conjugated equine estrogen, 150t-152t | therapies (current and emerging), 113-152 |
| Consortium to Establish a Registry for Alzheimer's Disease (CERAD), | clinical trials and studies. See Clinical trials and studies. |
| 110-111 | dementing disorders topics, 11-72 |
| CoQ (coenzyme Q), 117t, 143-144 | definitions, 11-13 |
| Cornell Scale for Depression in Dementia, 36f | epidemiology, 15-19 |
| Corticosteroids, 54t | evaluation processes and procedures, 21-43 |
| Corticotropin-releasing factor enhancers, 117t | non-AD disorders, 45-72 |
| COX and COX-2 (cyclooxygenase and cyclooxygenase-2) inhibitors, 144-145 | drugs and drug therapies. See Drugs and drug therapies. |
| Crainocerebral injuries, 46t, 48t | patient management topics, 153-182 |
| Creutzfeldt-Jakob disease (CJD), 41-42 | agitation and behavioral symptom management, 153-168 |
| Cryptococcal meningitis, 46t | family education and support, 169-182 |
| | |
| CSF (cerebrospinal fluid) analyses, 40-41 | resources and references for, 183-232 |
| CT (computed tomography), 38-40, 42-43 | clinician and family resources, 183-191 |
| Current and emerging therapies, 113-152. See also Therapies (current and | references, 192-232 |
| emerging). | Diagnostic accuracy, 82-83, 84t-85t, 86-87 |
| Current symptoms and patient histories, 25-26 | Diagnostic and Statistical Manual of Mental Disorders, fourth edition |
| Cushing's disease, 46t | (DSM-IV), 12-13 |
| Cyclooxygenase and cyclooxygenase-2 (COX and COX-2) inhibitors, 144-145 | Diagnostic studies (ancillary), 37-43. <i>See also</i> Ancillary diagnostic studies. Diet, 47t, 158-159 |
| DATATOP (Deprenyl and Tocopherol Antioxidative Therapy for | eating difficulties and, 158-159 |
| Parkinson's Disease), 150t-152t | nutritional disorders and, 47t |
| Decision trees (assessments and evaluations), 160f | Diffuse Lewy body diseases (DLBDs), 48t, 62, 64, 65t |
| Definitions, 11-13 | Diffuse plaques (DPs), 104-105 |
| of dementias | Diffusible ligands, 104-105 |

| Disseminated lupus erythematosus, 47t | citalopram, 52t-53t, 65t |
|---|---|
| Divalproex sodium, 164t | clioquinol, 148-149 |
| DLBDs (diffuse Lewy body diseases), 48t, 62, 64, 65t | clonidine, 146-149 |
| Donepezil, 120t, 122t-123t, 127, 128f, 129, 139 | clozapine, 164t-165t, 166 |
| Dopamine agonists, 54t | Cognex, 126 |
| Doxepin, 52t-53t, 164t-165t, 166-167 | conjugated equine estrogen, 150t-152t |
| DPs (diffuse plaques), 104-105 | CoQ, 117t, 143-144 |
| Driving-related issues, 174-176 | corticosteroids, 54t |
| Drugs and drug therapies, 51-54, 113-152, 163-168 | corticotropin-releasing factor enhancers, 117t |
| clinical courses vs treatment consequences, 115f | COX and COX-2 inhibitors, 117t, 144-145 |
| management strategies using, 163, 164t-165t, 166-168 | Cymbalta, 52t-53t |
| overviews of, 113-114, 115f, 116, 117t | decision tree for, 160f |
| side effects of, 134 | deprenyl, 150t-152t |
| specific drugs and drug types. See also under individual drugs and | |
| | desipramine, 52t-53t, 165t |
| drug types. | DHEA, 146 |
| β-blockers, 168 | divalproex sodium, 164t |
| acetyl-L-carnitine, 147-149 | donepezil, 120t, 122t-123t, 127, 128f, 129, 139 |
| ACh agonists, 117t | dopamine agonists, 54t |
| ACh precursors, 117t | doxepin, 52t-53t, 164t-165t, 166-167 |
| ACh receptor blockers, 118-119 | duloxitene, 52t-53t |
| AChEs, 119, 120t, 121, 129, 130f, 131, 133-134 | Effexor, 52t-53t |
| amitriptyline, 52t-53t | Eldepryl, 141 |
| AN-1792, 147-149 | escitalopram, 52t-53t, 165t |
| antiarrhythmias, 54t | estrogen, 117t, 146 |
| anticholinergic agents, 54t | Exelon, 120t, 129, 130f, 131 |
| anticonvulsants, 54t, 164t-165t, 168 | fluoxetine, 52t-53t, 165t |
| antidepressants, 52t-54t, 164t-165t, 166-167 | FPF 1070, 147-149 |
| antihistamines, 54t | galantamine, 120t, 124t, 131, 132f, 133 |
| antihypertensive agents, 54t | ginkgo biloba, 143-144 |
| anti-inflammatory agents, 116, 117t, 144-145 | glucocorticoids, 117t |
| anti-luteinizing hormone therapies, 117t | glucose, 147-149 |
| antioxidants, 116, 117t, 139, 141-144 | glutamate, 135, 137-139 |
| antipsychotics, 54t | growth factors, 117t |
| anxiolytics, 164t-165t, 167 | guanfacine, 146-149 |
| APP β and γ secretase inhibitors, 147-149 | haloperidol, 163, 164t-165t, 166 |
| Aricept, 120t, 127, 128f, 129 | HMG CoA reductase inhibitors, 148-149 |
| aripiprazole, 164t | HRTs, 116, 117t, 145-146 |
| benzodiazepines, 164t-165t, 167 | Hup A, 133-134 |
| benzoquinone, 143-144 | idebenone, 143-144 |
| bupropion, 52t-53t | ketamine, 137 |
| busiprone, 164t-165t, 167 | lorazepam (short-acting), 164t-165t, 167 |
| butylcholinesterase, 119, 120t, 121 | MAOIs, 141-144 |
| calcium antagonists, 147-149 | medroxyprogesterone, 150t |
| carbamate inhibitors, 121 | melatonin, 168 |
| | |
| carbamazepine, 164t-165t, 168 | memantine, 61, 117t, 124t, 135, 137-139, 140f |
| celecoxib, 151t | metrifonate, 133-134 |
| cerebrolysin, 147-149 | mirtazapine, 52t-53t, 165t |
| ChEIs, 114, 114f, 116, 117t, 118-119, 126-127, 131, 133-135, 136t, | MK-801, 137 |
| 139, 159 | monoamine oxidase type B inhibitors, 117t |
| chelation therapy, 148-149 | mood stabilizers, 164t |
| chlorpromazine, 163, 164t-165t, 166 | muscle relaxants, 54t |
| cholinergic agonists, 118-119 | Namenda, 138-139. See also memantine. |
| cholinergic enhancements, 116, 117t, 118-119, 120t, 121, 122t-125t, | naproxen, 151t |
| 126-127, 128f, 129, 130f, 131, 132f, 133-135 | narcotics, 54t |
| | |

| neuroleptics (atypical), 164t-165t, 166 | overviews of, 139, 141-144 |
|---|--|
| neuroleptics (typical), 163, 164t-165t, 166 | vitamin C, 117t |
| neurotrophic agents, 147-149 | vitamin E (alpha-tocopherol), 115t, 117t, 141-144, 142t |
| nicotine, 147-149 | DSM IV (Diagnostic and Statistical Manual of Mental Disorders, fourth |
| nimodipine, 147-149 | edition), 12-13 |
| NMDA receptor antagonists, 114, 114f, 116, 117t, 135, 137-139, | Duloxitene, 52t-53t |
| 145-146 | |
| nonadrenergic replacement therapies, 146-149 | Early AD (Alzheimer's disease), 96-97 |
| nonspecific cholinesterases, 119, 120t, 121 | Early diagnoses, 22t-23t |
| nonsteroidal anti-inflammatories, 117t, 144-145 | Eating difficulties, 158-159 |
| nootropics, 147-149 | Education and support (family), 169-182. See also Family education and |
| Norpramin, 52t-53t | support. |
| nortriptyline, 52t-53t, 164t-165t, 166-167 | Education (risk factor), 74-75 |
| olanzapine, 164t-165t, 166 | EEGs (electroencephalograms), 41-42 |
| opiate antagonists, 146-147 | Effexor, 52t-53t, 165t |
| overmedication and, 51, 52t-54t | Eldepryl, 141 |
| Pamelor, 52t-53t | Elderweb, 185 |
| paroxetine, 52t-53t, 165t | Electroencephalograms (EEGs), 41-42 |
| Paxil, 52t-53t | Embolisms (cerebral), 48t |
| PCP, 137 | Emerging and current therapies, 113-152. See also Therapies (current and |
| pravastatin, 151t | emerging). |
| prednisone, 144-145 | Encephalitis, 46t |
| progesterone, 146 | Endocrine and metabolic abnormalities, 46t, 54-55 |
| programmer | Enhancements (cholinergic). See Cholinergic enhancements. |
| propertofylline, 117t | Epidemiology, 15-19 |
| Prozac, 52t-53t | etiologies, 17-18, 19f |
| | clinic-based estimates, 19f |
| quetiapine, 164t-165t, 166 | overviews of, 17-18 |
| Reminyl, 120t, 131, 132f, 133 | · · · · · · · · · · · · · · · · · · · |
| risperidone, 164t-165t, 166 | population-based estimates, 19f |
| rivastigmine, 120t, 122t-123t, 129, 130f, 131 | incidence rates, 17 |
| scopolamine, 118 | overviews of, 15 |
| sedatives, 54t | prevalence rates, 15, 16f, 17 |
| selegiline, 141-144, 142f | EPS (extrapyramidal symptoms), 91-92 |
| selenium, 150t | Escitalopram, 52t-53t, 165t |
| SERMs, 117t, 145-146 | Estrogen, 117t, 146 |
| serotonin agonists, 117t | Etiologies, 17-18, 19f |
| sertraline, 52t-53t, 164t-165t, 166-167 | clinic-based estimates, 19f |
| simvastatin, 151t | population-based estimates, 19f |
| Sinequan, 52t-53t | Evaluation processes and procedures, 21-43. See also |
| somatostatin replacement therapy with octreotide, 146-149 | Assessments and evaluations. |
| SSRIs, 117t, 164t-165t, 166-167 | algorithm for, 23, 24f |
| statins, 148-149 | ancillary diagnostic studies, 37-43 |
| tacrine, 121, 122t, 126-127 | brain biopsies, 43 |
| thioridazine, 163, 164t-165t, 166 | for CJD, 41-42 |
| thyrotropin-releasing hormone and analogues, 117t | CT, 38-40, 42-43 |
| trazodone, 164t-165t, 166-167 | EEGs, 41-42 |
| tricyclic antidepressants, 164t-165t, 166-167 | FDG-PET, 43 |
| trifluoperazine, 163, 164t-165t, 166 | functional imaging studies and fMRI, 42-43, CP-1, CP-2 |
| valproic acid, 164t-165t, 168 | laboratory blood tests, 40-41 |
| venlafaxine, 52t-53t, 165t | lumbar punctures and CSF analyses, 40-41 |
| Wellbutrin, 52t-53t | MRI, 38-43 |
| ziprasidone, 164t | neuropsychologic evaluations, 39 |
| Zoloft, 52t-53t | overviews of, 37-38 |
| vitamin supplementation, 115t, 139, 140, 141-144, 142f | PET, 42-43 |

| polysomnography, 41-42 | Functional Assessment Questionnaire, 27, 28f-29f |
|--|--|
| structural imaging studies, 39-40 | Functional capabilities and patient histories, 25-26 |
| T1 and T2 scans, 40 | Functional imaging studies and fMRI, 42-43, CP-1, CP-2 |
| VDRL tests, 38, 41 | Fungal meningitis and encephalitis, 46t |
| common symptoms, 23t | |
| early diagnoses, 22t-23t | Galantamine, 120t, 124t, 131, 132f, 133 |
| measurement instruments for. See Measurement instruments. | GEMS (Ginkgo for the Evaluation of Memory), 150t-152t |
| mental status assessments, 30-33, 34f, 35, 36t, 37 | Gender (risk factor), 74 |
| brief mental evaluations, 31-33 | Genetics, 76-77, 78f-79f, 80 |
| depression screenings, 35, 36, 37 | FAD (familial Alzheimer's disease), 77, 78f, 80 |
| MMSE and, 31-33, 34. See also MMSE (Mini-Mental State | known mutations and polymorphisms, 79f |
| Examination). | overviews of, 76-77, 78f-79f, 80 |
| overviews of, 30-31 | |
| | pedigrees, 78f |
| overviews of, 21-23, 22t-23t, 24f | PS-1 and PS-2 (presenilin-1 and -2) genes, 77, 78f-79f, 80 |
| patient histories, 23, 25-27, 28f-29f | as risk factors, 73-74 |
| current symptoms and, 25-26 | Geodon, 164t |
| functional capabilities and, 25-26 | Geriatric Depression Scale, 35, 36t, 37 |
| medical histories and, 27, 28f-29f | Gerstmann-Sträussler-Scheinker syndrome, 69-70 |
| neuropsychiatric histories and, 27, 28f-29f | Ginkgo biloba, 143-144 |
| overviews of, 23, 25 | Ginkgo for the Evaluation of Memory (GEMS), 150t-152t |
| physical examinations, 30 | Gliomas, 46t |
| Exelon, 120t, 129, 130f, 131 | Glucocorticoids, 117t |
| Extrapyramidal symptoms (EPS), 91-92 | Glucose, 147-149 |
| | Glutamate, 135, 137-139 |
| FAD (familial Alzheimer's disease), 77, 78f, 80 | Growth factors, 117t |
| Familial insomnia (fatal), 69-70 | Guanfacine, 146-149 |
| Family and clinician resources, 183-191 | |
| Family Caregiver Alliance, 185 | Hallervorden-Spatz disease, 48t |
| Family education and support, 169-182 | Hallucinations and delusions, 155-156 |
| assisted living options, 178, 179f, 180-181 | Haloperidol, 164t |
| caregiving careers and caregiver stress, 170-171 | Hamilton Depression Scale, 36f |
| driving-related issues, 174-176 | HD (Huntington's disease), 48t, 71 |
| financial and legal issues, 176-177 | Head injuries (risk factor), 75 |
| hospice care, 182 | Heart and Estrogen/Progestin Replacement Study (HERS), 150t-152t |
| overviews of, 169-170 | Heart Protection Study, 150t-152t |
| physician-patient and physician-caregiver communication, 171-173 | Heavy metal toxicity, 46t |
| residential care facilities, 178, 179f, 180-181 | Hepatic failure, 46t, 54-55 |
| respite care, 177-178 | HERS (Heart and Estrogen/Progestin Replacement Study), 150t-152t |
| safety issues, 174 | Heterogeneity (clinical), 91-92 |
| Family histories (risk factor), 73 | Histories (patient), 23, 25-27, 28f-29f |
| Fatal familial insomnia, 69-70 | • |
| | current symptoms and, 25-26 |
| FDA (Food and Drug Administration), 121 | functional capabilities and, 25-26 |
| FDG-PET (fluorodeoxyglucose-positron emission tomography), 43 | medical histories and, 27, 28f-29f |
| Female gender (risk factor), 74 | HIV (human immunodeficiency virus)-associated dementias, 71-72 |
| Financial and legal issues, 176-177 | HMG CoA reductase inhibitors, 148-149 |
| FLAIR (fluid-attenuated inversion recovery), 69-70 | Hospice care, 182 |
| Fluorodeoxyglucose-positron emission tomography (FDG-PET), 43 | HRTs (homone replacement therapies), 116, 117t, 145-146 |
| Fluoxetine, 52t-53t, 165t | Human immunodeficiency virus (HIV)-associated dementias, 71-72 |
| fMRIs, 42-43 | Huntington's disease (HD), 48t, 71 |
| Folate deficiency, 47t | Hup A (huperzine A), 133-134 |
| Food and Drug Administration (FDA), 121 | Hydrocephalus (normal-pressure), 47t |
| FPF 1070, 147-149 | Hyper- and hyponatremia, 46t |
| FTDs (frontotemporal dementias), 48t, 66-67, 68f, CP-1 | Hyper- and hypothyroidism, 46t, 54-55 |

| W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | NOT (111 111 111 111 111 111 111 111 111 |
|--|--|
| Hypercalcemia, 46t | MCI (mild cognitive impairment), 92-96, 153-154 |
| Hypoglycemia, 46t | agitation and behavior symptoms management and, 153-154 |
| Hypopituitarism, 46t | amnestic MCI, 94-96 |
| | non-amnestic MCI, 94-96 |
| Idebenone, 143-144 | normal aging and, 92-94 |
| Incidence rates, 17 | subtypes diagnoses of, 95f |
| Incidence trials and studies, 17 | Measurement instruments. See also under individual instruments. |
| Infections, 46t, 48t | ADAS-Cog, 121, 122t-125t, 126, 128f, 129, 130f, 132f, 134-135 |
| Inflammatory cascades, 106f | ADCS-ADL Inventory, 132f |
| Instruments (measurement). See Measurement instruments. | ADCS-ADLsev Inventory, 140f |
| Irreversible causes, 48t | CIBIC-Plus, 121, 122t-125t, 126, 128f, 129, 130f, 134-135, 140f |
| | Cornell Scale for Depression in Dementia, 36f |
| Ketamine, 137 | Demential Mood Assessment, 36f |
| Khachaturian criteria, 110-111 | Functional Assessment Questionnaire, 27, 28f-29f |
| Known mutations and polymorphisms, 79f | Geriatric Depression Scale, 35, 36t, 37 |
| Kuf's disease, 48t | Hamilton Depression Scale, 36f |
| Kuru, 69-70 | MMSE, 11-12, 31-33, 34f, 35-36, 90-91, 91f, 126, 127, 128f, |
| | 129, 131, 133, 151t, 172, 175-176, 179f |
| Laboratory blood tests, 40-41 | NPI, 132f |
| LBDs (Lewy body diseases), 48t, 62, 64, 65t, 92 | PDS, 130f |
| Legal and financial issues, 176-177 | QoL Scale, 128f, 129 |
| Leukemia, 46t | SIB, 140f |
| Lewy body diseases (LBDs), 48t, 62, 64, 65t, 92 | TICSm, 150t-152t |
| Lexapro, 52t-53t, 165t | Medical histories, 27, 28f-29f. <i>See also</i> Patient histories. |
| | |
| Ligands (diffusible), 104-105 | Medroxyprogesterone, 150t |
| Lorazepam (short-acting), 164t-165t, 167 | Melatonin, 168 |
| Lumbar punctures and CSF (cerebrospinal fluid) analyses, 40-41 | Memantine, 61, 117t, 124t, 135, 137-139, 140f |
| Lupus erythematosus, 47t | Membrane attack complex (MAC), 106f |
| Lymphomas, 46t | Meningiomas, 46t |
| | Meningitis and encephalitis, 46t |
| M1 (postsynaptic) and M2 (presynaptic) autoreceptors, 107-108 | Mental inactivity (risk factor), 76 |
| MAC (membrane attack complex), 106f | Mental status assessments, 30-33, 34f, 35, 36t, 37 |
| Magnetic resonance imaging (MRI), 38-43, 56-57, 59f, 69-70 | brief mental evaluations, 31-33 |
| Management and diagnoses concepts. See also under individual topics. | depression screenings, 35, 36, 37 |
| AD-specific topics, 73-152 | MMSE and, 31-33, 34. See also MMSE (Mini-Mental State |
| natural history, 89-99 | Examination). |
| pathophysiology and neuropathology, 101-111 | overviews of, 30-31 |
| risk factors, genetics, biomarkers, and diagnostic accuracy, 73-87 | Metabolic and endocrine abnormalities, 46t, 54-55 |
| therapies (current and emerging), 113-152 | Metachromatic leukodystrophy, 48t |
| clinical trials and studies. See Clinical trials and studies. | Metastic tumors, 46t |
| dementing disorders topics, 11-72 | Metrifonate, 133-134 |
| definitions, 11-13 | MIDs (multi-infarct dementias), 56-57 |
| epidemiology, 15-19 | Mild AD (Alzheimer's disease), 96-97 |
| evaluation processes and procedures, 21-43 | Mini-Mental State Examination (MMSE), 11-12, 31-33, 34f, 35-36, 90-91, |
| non-AD disorders, 45-72 | 91f, 126-127, 128f, 129, 131, 133, 172, 175-176, 179f |
| drugs and drug therapies. See Drugs and drug therapies. | MIRAGE (Multi-Institutional Research in Alzheimer's Genetic Epidemiol- |
| patient management topics, 153-182 | ogy) Study, iv |
| agitation and behavioral symptom management, 153-168 | Mirtazapine, 52t-53t, 165t |
| family education and support, 169-182 | Mixed dementias, 55-57, 58t, 59f, 60-61 |
| resources and references for, 183-232 | MK-801, 137 |
| clinician and family resources, 183-191 | MMSE (Mini-Mental State Examination), 11-12, 31-33, 34f, 35-36, 90-91, |
| references, 192-232 | 91f, 126-127, 128f, 129, 131, 133, 172, 175-176, 179f |
| Mania, 47t | Moderate AD (Alzheimer's disease), 97-98 |
| MAOIs (monamine oxidase inhibitors), 141-144 | iviouciate AD (Alzhenner 8 disease), 71-70 |
| 1711 1015 (HIOHAITING OAIGASC HIIIUIUIS), 141-144 | |

| Modified Telephone Interview for the Cognitive Status questionnaire | NPs, 104-105 |
|---|--|
| (TICSm), 150t-152t | SPs and blood vessels, 101-102, 103f, 104, 105f |
| Monamine oxidase inhibitors (MAOIs), 141-144 | neuropathologic diagnoses criteria, 108-111 |
| Monoamine oxidase type B inhibitors, 117t | CERAD and, 110-111 |
| Mood stabilizers, 164t | M1 (postsynaptic) and M2 (presynaptic) autoreceptors and, 107-108 |
| MRI (magnetic resonance imaging), 38-43, 56-57, 59f, 69-70 | NIA-NINCDS (Khachaturian) criteria and, 110-111 |
| MS (multiple sclerosis), 47t-48t | overviews of, 108-111 |
| Multi-Institutional Research in Alzheimer's Genetic Epidemiology | neurotransmitter system abnormalities, 105-108, 106f-107f |
| (MIRAGE) Study, iv | AChs and, 106-108 |
| Multiple sclerosis (MS), 47t-48t | ChATs and, 106-108, 107f |
| Muscle relaxants, 54t | cholinergic synapses, 107f |
| Mutations and polymorphisms, 79f | inflammatory cascades, 106f |
| Myoclonus, 92 | MAC and, 106f |
| | overviews of, 105-108 |
| Named trials and studies. See Clinical trials and studies. | overviews of, 101 |
| Namenda, 138-139. See also memantine. | Neurophychologic evaluations, 39 |
| Naproxen, 151t | Neuropsychiatric histories, 27, 28f-29f. See also Patient histories. |
| Narcotics, 54t | Neuropsychiatric Inventory (NPI), 132f |
| National Academy of Elder Law Attorneys, 184 | Neurosyphilis, 46t |
| National Association of Area Agencies on Aging, 185 | Neurotransmitter system abnormalities, 105-108, 106f-107f |
| National Council on Aging, 185 | Neurotrophic agents, 147-149 |
| National Hospice and Palliative Care Organization, 185 | NFTs (neurofibrillary tangles), 101-102, 103f, 104, 105f |
| National Institute on Aging, 86-87, 186 | NIA-NINCDS (Khachaturian) criteria, 110-111 |
| National Library of Medicine, 184-186 | Nicotine, 147-149 |
| Natural history, 89-99 | NIH (National Institutes of Health), 144-145, 184, 186 |
| advanced AD, 98-99 | Nimodipine, 147-149 |
| clinical heterogeneity, 91-92 | NINCDS-ADRDA criteria, 84t-85t |
| early (mild) AD, 96-97 | NINDS-AIREN criteria, 57, 57t, 60-61 |
| EPS, 91-92 | NMDA (<i>N</i> -methyl-D-aspartate) receptor antagonists, 114, 114f, 116, 117t, |
| MCI, 92-96 | 135, 137-139, 145-146 |
| amnestic MCI, 94-96 | Non-AD (Alzheimer's disease) disorders, 45-72 |
| non-amnestic MCI, 94-96 | autoimmune disorders, 47t |
| normal aging and, 92-94 | CAA and, 60-61 |
| overviews of, 94 | CADASIL and, 60-61 |
| subtypes diagnoses of, 95f | degenerative diseases, 48t |
| moderate AD, 97-98 | depression, 47t, 49, 50t, 51 |
| overviews of, 89 | DLBDs, 48t, 62, 64, 65t |
| progression rates, 89-91, 90f | FTDs, 48t, 66-67, 68f, CP-1 |
| Neoplasms, 46t | HD, 48t, 71 |
| Neuritic plaques (NPs), 104-105 | HIV-associated dementias, 71-72 |
| Neuroleptics, 163, 164t-165t, 166 | infections, 46t, 48t |
| atypical, 164t-165t, 166 | irreversible causes of, 48t |
| typical, 163, 164t-165t, 166 | LBDs, 48t, 62, 64, 65t |
| Neuronal death, 101-102, 103f, 104, 105f | metabolic and endocrine abnormalities, 46t, 54-55 |
| Neuropathic changes, 104-105, 111 | MIDs, 56-57 |
| Neuropathology and pathophysiology, 101-111 | mixed dementias, 55-57, 58t, 59f, 60-61 |
| animal models, 111 | neoplasms, 46t |
| neuropathic changes, 104-105, 111 | NINDS-AIREN criteria for, 57, 57t, 60-61 |
| ADDLs, 104-105 | nutritional disorders, 47t |
| | |
| APOE and, 111 Aβ peptides, 101-102, 103f, 104, 105f | overmedication, 47t, 51, 52t-54t |
| DPs, 104-105 | overviews of, 45, 46t-48t, 49 |
| neuronal death, 101-102, 103f, 104, 105f | PD and Parkinsonian syndromes, 48t, 61-62, 63t potentially reversible causes of, 46t-48t |
| NFTs, 101-102, 103f, 104, 105f | prion diseases, 69-70 |
| 141 15, 101-102, 1031, 104, 1031 | priori diseases, 07-70 |

| psychiatric disorders, 47t | NFTs, 101-102, 103f, 104, 105f |
|--|---|
| toxins, 46t | NPs, 104-105 |
| trauma, 46t | SPs and blood vessels, 101-102, 103f, 104, 105f |
| VaDs, 48t, 55-57, 58t, 59f, 60-61 | neuropathologic diagnoses criteria, 108-111 |
| Nonadrenergic replacement therapies, 146-149 | CERAD and, 110-111 |
| Non-amnestic MCI (mild cognitive impairment), 94-96 | M1 and M2 autoreceptors and, 107-108 |
| Nonpharmacologic management strategies, 161, 162t | NIA-NINCDS (Khachaturian) criteria and, 110-111 |
| Nonspecific cholinesterases, 119, 120t, 121 | overviews of, 108-111 |
| Nonsteroidal anti-inflammatories, 117t, 144-145 | neurotransmitter system abnormalities, 105-108, 106f-107f |
| Nootropics, 147-149 | AChs and, 106-108 |
| Normal aging, 92-94 | ChATs and, 106-108, 107f |
| Normal-pressure hydrocephalus, 47t | cholinergic synapses, 107f |
| Norpramin, 52t-53t, 165t | inflammatory cascades, 106f |
| Nortriptyline, 52t-53t, 164t-165t, 166-167 | MAC and, 106f |
| NPI (Neuropsychiatric Inventory), 132f | overviews of, 105-108 |
| NPs (neuritic plaques), 104-105 | overviews of, 101 |
| Nutritional disorders, 47t | Patient histories, 23, 25-27, 28f-29f |
| Authoria disordors, 171 | current symptoms and, 25-26 |
| Octreotide, 146-149 | functional capabilities and, 25-26 |
| Olanzapine, 164t-165t, 166 | medical histories and, 27, 28f-29f |
| Olivopontocerebellar atrophy and degeneration, 48t, 63t | neuropsychiatric histories and, 27, 28f-29f |
| Onset delay treatments, 149, 150t-152t | |
| | Patient management topics, 153-182. See also under individual topics. |
| Opiate antagonists, 146-147 | agitation and behavioral symptom management, 153-168 |
| Organic poisons, 46t | family education and support, 169-182 |
| Outcomes (measurement instruments). See Measurement instruments. | Paxil, 52t-53t, 165t |
| Overmedication, 47t, 51, 52t-54t | PCP, 137 |
| Overviews. See also under individual topics. | PD (Parkinson's disease) and Parkinsonian syndromes, 48t, 61-62, 63t |
| of AD, 73-74, 89, 101, 113-114 | PDS (Progressive Deterioration Scale), 130f |
| natural history, 89 | Pedigrees, 78f |
| pathophysiology and neuropathology, 101 | Pellagra, 47t |
| risk factors, genetics, biomarkers, and diagnostic accuracy, 73-74 | Peptides (Aβ), 101-102, 103f, 104, 105f, 147-149 |
| therapies (current and emerging), 113-114 | Pernicious anemia, 47t |
| of dementing disorders, 11, 15, 21-24, 45-49 | PET (positron emission tomography), 42-43 |
| definitions, 11 | Pharmacologic therapies. See Drugs and drug therapies. |
| epidemiology, 15 | Physical activity (risk factor), 76 |
| evaluation processes and procedures, 21-23, 22t-23t, 24f | Physical and verbal agitation, 154-155 |
| non-AD (Alzheimer's disease) disorders, 45, 46t-48t, 49 | Physical examinations, 30 |
| of patient management topics, 153-154, 169-170 | Physician-patient and physician-caregiver communication, 171-173 |
| agitation and behavioral symptoms management, 153-154 | Pick's disease, 67-69 |
| family education and support, 169-170 | Plaques, 101-105 |
| | DPs, 104-105 |
| Pacing and wandering, 156-157 | NPs, 104-105 |
| Pamelor, 52t-53t, 165t | SPs and blood vessels, 101-102, 103f, 104, 105f |
| Parasitic meningitis and encephalitis, 46t | Poisons (organic), 46t |
| Parkinson's disease (PD) and Parkinsonian syndromes, 48t, 61-62, 63t | Polymorphisms and mutations, 79f |
| Paroxetine, 52t-53t, 165t | Polysomnography, 41-42 |
| Pathophysiology and neuropathology, 101-111 | Population-based estimates, 19f |
| animal models, 111 | Positron emission tomography (PET), 42-43 |
| neuropathic changes, 104-105, 111 | Postencephalitic dementias, 48t |
| ADDLs, 104-105 | Postsynaptic (M1) and presynaptic (M2) autoreceptors, 107-108 |
| APOE, 111 | Potentially reversible causes, 46t-48t |
| Aβ peptides, 101-102, 103f, 104, 105f | Pravastatin, 151t |
| DPs, 104-105 | PREADVISE (Prevention of Alzheimer's Disease by Vitamin E and Sele- |
| neuronal death, 101-102, 103f, 104, 105f | nium), 150t-152t |

| Prednisone, 144-145 | risk factors, 73-75, 74f |
|---|---|
| Presenilin-1 and -2 (PS-1 and PS-2) genes, 77, 78f-79f, 80 | age, 73 |
| Presynaptic (M2) autoreceptors, 107-108 | education, 74-75 |
| Prevalence rates, 15, 16f, 17 | family histories, 73 |
| Prevention of Alzheimer's Disease by Vitamin E and Selenium | female gender, 74 |
| (PREADVISE), 150t-152t | genetic factors, 73-74, 74f |
| Preventive and onset delay treatments, 149, 150t-152t | head injuries, 75 |
| Primary AIDS encephalopathy, 46t | mental inactivity, 76 |
| Prion diseases, 69-70 | overviews of, 73 |
| Progesterone, 146 | physical activity, 76 |
| Progression rates, 89-91, 90f | vs protective factors, 75-76 |
| Progressive Deterioration Scale (PDS), 130f | vascular disease, 75 |
| Progressive multifocal leukoencephalopathy, 48t | vitamin supplementation, 76 |
| Progressive supranuclear failure, 63t | Risperdal, 164t |
| Progressive supranuclear palsy, 48t | Risperidone, 164t, 166 |
| Prolyl endopeptidase inhibitors, 117t | Rivastigmine, 120t, 122t-123t, 129, 130f, 131 |
| Propentofylline, 117t | 117434giiino, 1204, 1224 1234, 129, 1301, 131 |
| Prospective (cohort) trials and studies, 15 | Sarcoidosis, 47t |
| PROSPER, 151t-152t | Schizophrenia, 47t |
| Protective factors, 75-76 | Scopolamine, 118 |
| Prozac, 52t-53t, 165t | Secretase inhibitors (β and γ), 147-149 |
| PS-1 and PS-2 (presenilin-1 and -2) genes, 77, 78f-79f, 80 | Sedatives, 54t |
| Psychiatric disorders, 47t | Selective estrogen receptor modulators (SERMs), 117t, 145-146 |
| Psycho-behavioral metaphors, 154 | Selective estrogen receptor modulators (SERMS), 117t, 143-140 Selective serotonin reuptake inhibitors (SSRIs), 117t, 164t-165t, 166-167 |
| Psychoses, 47t | |
| rsychoses, 47t | Selegiline, 141-144, 142f |
| Ool (Opplity of Life) Scale 129f 120 | Selenium, 150t |
| QoL (Quality of Life) Scale, 128f, 129 | SERMs (selective estrogen receptor modulators), 117t, 145-146 |
| Quetiapine, 164t-165t, 166 | Seroquel, 164t |
| | Serotonergic antidepressants, 165t |
| Readings. See Resources and references. | Serotonin agonists, 117t |
| Reference resources, 183-192 | Sertraline, 52t-53t, 164t-165t, 166-167 |
| Remeron, 52t-53t, 165t | Serum acidosis or alkalosis, 54-55 |
| Reminyl, 120t, 131, 132f, 133 | Shy-Drager syndrome, 63t |
| Renal failure, 46t, 54-55 | SIB (Severe Impairment Battery), 140f |
| Research studies and trials. See Clinical trials and studies. | Simvastatin, 151t |
| Resources and references, 183-232 | Sinequan, 52t-53t |
| clinician and family resources, 183-191 | Sleep apnea, 47t |
| references, 192-232 | Sleep disruption, 158 |
| Retrospective (case-control) trials and studies, 15 | Social Security Administration, 186 |
| REVEAL (Risk Evaluation and Education in Alzheimer's) Study, iv, 81 | Somatostatin replacement therapy with octreotide, 146-149 |
| Reversible causes, 46t-48t | Specific AD (Alzheimer's disease) topics, 73-152. See also |
| Risk factors, genetics, biomarkers, and diagnostic accuracy, 73-87 | under individual topics. |
| APOE, 80-81 | natural history, 89-99 |
| biomarkers, 81 | pathophysiology and neuropathology, 101-111 |
| diagnostic accuracy, 82-83, 84t-85t, 86-87 | risk factors, genetics, biomarkers, and diagnostic accuracy, 73-87 |
| NINCDS-ADRDA criteria and, 84t-85t | therapies (current and emerging), 113-152 |
| overviews of, 82-87 | SPs (senile plaques) and blood vessels, 101-102, 103f, 104, 105f |
| genetics, 76-77, 78f-79f, 80 | SSRIs (selective serotonin reuptake inhibitors), 117t, 164t-165t, 166-167 |
| FAD, 77, 78f, 80 | Statins, 148-149 |
| known mutations and polymorphisms, 79f | Stress (caregiver), 170-171 |
| overviews of, 76-77, 78f-79f, 80 | Striatonigral degeneration, 63t |
| pedigrees, 78f | Structural imaging studies, 39-40 |
| PS-1 and PS-2 genes, 77, 78f-79f, 80 | Studies and trials. See Clinical trials and studies. |
| overviews of, 73-74 | Subacute spongiform encephalopathy. See CJD (Creutzfeldt-Jakob disease). |

Subdural hematomas (acute and chronic), 46t Subprogressive multifocal leukoencephalopathy, 48t Subtypes diagnoses, 95f Support and education (family), 169-182, See also Family education and support. Symptoms (common), 23t T1 and T2 scans, 40 Tacrine (tetrahydroaminoacridine), 121, 122t, 126-127 Tegretol, 164t Telephone Interview for the Cognitive Status questionnaire modified (TICSm), 150t-152t Temporal arteritis, 47t Tetrahydroaminoacridine, 121, 122t, 126-127 Therapies (current and emerging), 113-152 emerging therapies, 146-149 management strategies, 113-114 overviews of, 113-114 pharmacologic therapies, 114-152. See also Drugs and drug therapies. anti-inflammatory therapies, 144-145 antioxidant therapies, 139, 140f, 141-144, 142f cholinergic enhancement, 118-119, 120t, 121, 122t-125t, 126-127, 128f, 129, 130f, 131, 132f, 133-134 diet, 139, 140f, 141-144, 142f hormone therapies, 145-146 NMDA receptor antagonism, 135, 136t, 137-139 overviews of, 114, 115f, 116, 117t vitamin supplementation, 139, 140f, 141-144, 142f preventive and onset delay treatments, 149, 150t-152t Thiamine deficiency, 47t Thioridazine, 163, 164t-165t, 166 Thyroid diseases, 46t Thyrotropin-releasing hormone and analogues, 117t TICSm (modified Telephone Interview for the Cognitive Status questionnaire), 150t-152t Toxins, 46t Trauma, 46t Trazodone, 164t-165t, 166-167 Treatment consequences vs clinical courses, 115f Trials and studies. See Clinical trials and studies. Tricyclic antidepressants, 164t-165t, 166-167 Trifluoperazine, 163, 164t-165t, 166 Typical neuroleptics, 163, 164t-165t, 166 Unsuccessful aging shorthand definition, 11-12 VaDs (vascular dementias), 48t, 55-57, 58t, 59f, 60-61 Valproic acid, 164t-165t, 168 Vascular dementias (VaDs), 48t, 55-57, 58t, 59f, 60-61 Vascular disease (risk factor), 75 Vasculitis, 47t VDRL (Venereal Disease Research Laboratory) tests, 38, 41 Venlafaxine, 52t-53t Verbal and physical agitation, 154-155

Viral meningitis and encephalitis, 46t Vitamin supplementation, 47t, 76, 115t, 139, 140, 141-144, 142f overviews of, 139, 141-144 as protective factors, 76 vitamin B, deficiency, 47t vitamin B₁₂ deficiency, 47t vitamin C, 117t vitamin E (alpha-tocopherol), 115t, 117t, 141-144, 142t Wandering and pacing, 156-157 Wellbutrin, 52t-53t Wernicke-Korsakoff syndrome, 47t Wernicke's encephalopathy, 47t WHI-PERT (Women's Health Initiative-Progestin and Estrogen Replacement Therapy) study, 146, 151t-152t Whipple's disease, 47t Wilson's disease, 46t, 48t Women's Health Initiative-Progestin and Estrogen Replacement Therapy (WHI-PERT) study, 146, 151t-152t Ziprasidone, 164t Zoloft, 52t-53t, 165t

Zyprexa, 164t