Index

Page numbers in *italics* denote figures, those in *bold* denote tables.

abacavir (Ziagen) 332
abdominal pain 149
  ischemic bowel 159
  pancreatitis 164
ACE inhibitors
  indications
    chronic kidney disease 194
    heart failure 103
  side effects
    acute kidney injury 184
    hyperkalemia 419
acetaminophen 356, 490
acinar cells 162
acne rosacea 44–6
acquired immunodeficiency see HIV/AIDS
Actinobacillus
  *actinomycetemcomitans* 355
activities of daily living see ADL
activity theory 2
acute coronary syndrome 79–86
  intrinsic 185
  postrenal 185–6
  prerenal 185
  RIFLE and AKIN criteria 188
acute necrotizing pancreatitis 163
acute respiratory distress syndrome (ARDS) 339–40, 340
acyclovir (Zovirax) 35, 189, 194
ADL 1, 16, 204
advance directives 469–73
  case study 471-2
  definitions 470
  living wills 470-1
  power of attorney 471
adverse drug reactions 174, 388, 501-2
  see also individual drugs
ageism 5–6
Agency for Healthcare Research and Quality 481
Agenerase see amprenavir
agnosia 204
airway hyper-responsiveness 124
AKIN criteria 188
Akineton 246
albumin, serum levels 393
albuterol
  asthma 127
  pneumonia 141
alcohol abuse 309
  enteral feeding 478
  and hypomagnesemia 435, 438
  and pancreatitis 163
alcohol consumption 13
alcohol withdrawal syndrome 388
allergic contact dermatitis 32
allergies 23
  see also contact dermatitis
allopurinol
  gout 295
  and purpura 39
alpha cells 162
alprazolam (Xanax) 333
Altace see lisinopril
Alzheimer’s disease 202–3
amantadine 246
amikacin 184
amiloride, and hyperkalemia 419
aminophylline 132
amiodarone
  atrial fibrillation 89
  and hypothyroidism 269
amprenavir (Agenerase) 332
amylose 165
analgesics 490-1, 531
  see also individual drugs
anasarca 426

angina 79
chest pain 80
ECG 82
intestinal 159
angiotensin converting enzyme inhibitors
see ACE inhibitors
angiotensin II receptor blockers
chronic kidney disease 194
heart failure 103
anion gap 258, 391–2
ankle-brachial index 65, 68, 70, 114, 531
antacids
drug interactions 333
side effects 174
anthropometrics 476
anti-CCP antibodies 531
anti-inflammatory agents, and
    diarrhea 174
antiarrhythmics
    atrial fibrillation 89
    and diarrhea 174
antibiotics
indications
    diverticular disease 154–5
    fever 356–7
    septic arthritis 290
    urinary tract infection 200
side effects
    acute kidney injury 184
    diarrhea 174
    purpura 39
anticholinergics 246
anticoagulants
    acute coronary syndrome 84
    venous thromboembolism 97
antidepressants 207, 443
drug interactions 333
antidiuretic hormone 283
antiepileptics 252
antihypertensives 186, 195, 395, 502
    side effects 107
    diarrhea 174
antineoplastic drugs, and diarrhea 174
antiplatelet therapy 531
    acute coronary syndrome 84
    peripheral vascular disease 116
    stroke 227
antipsychotics
delirium 217
dementia 207
antipyretics 356
antiretrovirals 272, 324, 328–9, 330
    adherence to therapy 335
    guidelines 330–1
    side effects
    allergic reactions 331
    diarrhea 174
antispasmodics 491
anxiety disorders 440–5
aortic regurgitation 117, 118
aortic stenosis 118
aortic valve 117
aphasia 204
appendicitis 148–52
apraxia 204
ARDS see acute respiratory distress syndrome
arrhythmias 340, 391, 394, 397, 398, 407, 435
    atrial fibrillation 86–92
    and hypercalcemia 414
    and hyperkalemia 418
    and hypomagnesemia 434
Artane see trihexphenidyl
arterial blood gases 393
arterial ulcers 64
    clinical presentation 65
    treatment 71
arteriovenous fistula 193
arteriovenous graft 193
arthritis
    rheumatoid 364–9
    septic 288–92
arthrocentesis 289, 290
arthroplasty see joint replacement
arthroscopy 290, 531
aspiration 139
    prevention 143
aspirin 356
    acute coronary syndrome 83
    peripheral vascular disease 116
    and purpura 40
    stroke 227
asthma 124–8
atazanavir (Reyataz) 333
atherosclerosis 531
athlete’s foot 53, 54
atrial fibrillation 86–92
atrioventricular node 86
autodigestion 163
autoimmune disease 531
azathioprine (Imuran)
    SLE 374
    vasculitis 383
B lymphocytes 364
B-type natriuretic peptide 102, 121
Babesia spp. 354
band keratopathy 277
barium swallow 180
Barthel Activities Instrument 204
Bartter syndrome 419
Behçet’s disease 379, 381
benztropine mesylate (Cogentin) 246
beta cells 162
beta-blockers
  indications
    acute coronary syndrome 83-4
    atrial fibrillation 89
    heart failure 103
    hyperthyroidism 273
  side effects 419
  see also individual drugs
bi-level positive airway pressure (BiPAP) 132
biologic response modulators 531
biologic theory of aging 2
biotherapy 321
bisacodyl 171
bisoprolol 103
bisphosphonates
  hyperparathyroidism 278-9
  osteoporosis 312
  Paget's disease 311
bladder training 515
blepharitis 48
blood count
  cancer 319
  chronic kidney disease 194
  dementia 204
  fever 354
  gout 294
  osteomyelitis 305
  pancreatitis 165
  pneumonia 141
  septic arthritis 289
  surgical patients 393
blood pressure
  classification 108
  measurement 107
  see also hypertension
blood urea nitrogen 392
body mass index (BMI) 475
body temperature 351
bone biopsy
  osteomyelitis 29, 306
  pressure ulcers 59
bone density 308
  hyperparathyroidism 277
  osteoporosis 311
bone marrow transplantation 321
Borrelia spp. 354
  B. burgdorferi 288
bowel obstruction 386, 390
bowel sounds
  appendicitis 149-50
  constipation 169
  diarrhea 176-7
  diverticular disease 153, 154
  ischemic bowel 159, 160
  pancreatitis 164-5
Braden scale for pressure ulcers 14-15, 60-1, 62
bradykinesia 242
Brant-Daroff maneuver 234
brawny induration 531
Brief Abuse Screen 464
bromocriptine 245
bronchitis, chronic 129, 532
bronchoalveolar lavage 340
bronchodilators
  asthma 127
  COPD 132
bulimia 419
bulking agents 171
bullae 23
bupropion (Wellbutrin) 333
burns 24-7
  body surface percentage 25
  classification 25
Buspar see buspirone
buspirone (Buspar), and seborrheic dermatitis 47
butenafine 48
C-reactive protein
  septic arthritis 289
  systemic lupus erythematosus 377
calcium 275
  correction for albumin 409
  homeostasis 409
  hypercalcemia 277, 408-16
  hypocalcemia 278, 279, 408-16
  serum levels 277, 280
  supplements 281, 312, 313-14
calcium antagonists
  acute coronary syndrome 84
  atrial fibrillation 89
  drug interactions 334
  see also individual drugs
calcium gluconate 413-14
Campylobacter spp. 174
cancer 316-23, 531
  classification 316-17
  clinical presentation 317-18
  diagnosis 319-20
  incidence 316
  risk factors 317
  staging 534
cancer therapy 320-1
Candida albicans 50-2
captopril 110
carbamazepine (Tegretol) 252
carbidopa 245
carcinogens 317, 322, 531
cardiac catheterization
  heart failure 102
  heart valve disease 121
cardiac markers 82–3, 83, 393
cardiac postoperative monitoring 389
Cardiobacterium hominis 355
cardiovascular disorders 79-124
  acute coronary syndrome 79-86
  atrial fibrillation 86-92
  heart failure 99-105
  heart valve disease 117-23
  hypertension 105-12
  peripheral vascular disease 112-16
  venous thromboembolism 92-9
cardioversion 89
cardioverter-difibrillators 103
carotid duplex scanning 226
carvedilol 103
catechol-O-methyl transferase inhibitors 245
catheter ablation 89
cellulitis 27-31, 531
Centers for Medicaid and Medicare Services (CMS) 399
cerebellar ataxia 232
cerebral edema 406, 407, 426
chest pain 79, 80-1
chest X-ray
  heart failure 101
  heart valve disease 121
  pneumonia 141
  SIADH 284
  surgical patients 394
chicken pox 33
Chlamydia pneumoniae 139
chlorpromazine, and seborrheic dermatitis 47
cholinesterase inhibitors 207
chronic kidney disease 191-7, 532
  staging 192
chronic obstructive pulmonary disease see COPD
Churg-Strauss syndrome 379, 381
Chvostek's sign 278, 280
ciclopirox
  onychomycosis 55
  seborrheic dermatitis 48
cimetidine (Tagamet) 395-6
  side effects 40
ciprofloxacin 184
citrine of magnesia 171
clarification 523
clinical presentation 18, 19-20
clonidine 110
clopidogrel (Plavix) 116, 227
Clostridium difficile 174, 457
  diarrhea 454
clotrimazole 55
  thrush 51
Cockcroft-Gault formula 184, 532
Cogentin see benztropine mesylate
cognitive assessment 16-17, 203
cognitive impairment 203
  Parkinson's disease 242
colchicine
gout 295
  side effects 295
diarrhea 174
colonization 154
colostomy 155-6
colovesicular fistula 153
communication 525-30
community-acquired pneumonia 139
compartment syndrome 391
diagnosis 395
treatment 397
computed tomography see CT
Conflict Tactics Scale 464
Confusion Assessment Method (CAM) 17, 213
constipation 167-73
  Parkinson's disease 243
contact dermatitis 31-3
continuity theory 2
continuous positive airway pressure (CPAP) 132, 507
continuous venovenous hemofiltration (CVVH) 189
cooling, external 357
COPD 124, 128-34
coronary artery bypass surgery 84
corticosteroids
  indications
    contact dermatitis 32
    COPD 132
    gout 295
    systemic lupus erythematosus 374
    temporal arteritis 378
  side effects 40
creatine kinase 82-3, 83
creatinine 186-7
cretinism 269
Crixivan see indinavir
cromolyn sodium 127
crusting 23
cryoglobulinemic vasculitis 379, 381
Cryptosporidium spp. 174
CT
  diverticular disease 154
  gout 294
  normal pressure hydrocephalus 238
osteomyelitis 306
osteoporosis 311
pancreatitis 165
SIADH 284
Index

stroke 226
surgical patients 395
CT, quantitative 311
Cullen's sign 164
cultural diversity 520
Cushing syndrome 419
cutaneous vasculitis 379, 380
cyclizine 235
cyclophosphamide (Cytoxan)
SLE 374
vasculitis 383
cyclosporine (Neoral, Sandimmune) 374
cyclical 235
cytokines 351
cytotoxic drugs 325
side effects 40
systemic lupus erythematosus 370, 374
see also individual drugs
Cytoxan see cyclophosphamide

D-dimer 392, 532
dabigatran 90
Darvone see propoxyphene
debridement 532
decarboxylase inhibitors 245
deep brain stimulation 245-7
deep venous thrombosis 92, 94
differential diagnosis 96
investigations 96
post-surgery 387
dehydration 403-8, 465
delavirdine (Rescriptor) 332
delirium 209-21
communicating with patients 215-16
Confusion Assessment Method
(CAM) 17, 213
"Get to Know Me" poster 219
hyperactive/agitated 212
hypoactive 212
I WATCH DEATH mnemonic 214
mixed 212
risk factors 210-12
safety interventions 216
sensory/environmental support 216
delta cells 162-3
demeclocycline 286
dementia 202-9
diagnostic criteria 204-5
Demerol see meperidine
demographics of aging 1-2
denosumab (Prolia) 312
Depakote see divalproex
depression 387-8, 445-53
clinical presentation 20
Parkinson's disease 242
symptoms 447
dermatitis
contact 31-3
seborrheic 46-9
desmopressin acetate 430
diabetes insipidus 430
diabetes mellitus 255-68
clinical presentation 19, 256
hyperglycemic crisis 264-7
hypoglycemia 258, 260-4
type 1 255
type 2 255
diabetic ketoacidosis 260, 264-7
diabetic retinopathy 259
diabetic ulcers 65, 66-7, 68, 259
treatment 71-2
DIAPPERS mnemonic 514
diabetes mellitus 255
clinical presentation 19, 256
hyperglycemic crisis 264-7
hypoglycemia 258, 260-4
type 1 255
type 2 255
diabetic ketoacidosis 260, 264-7
diabetic retinopathy 259
diabetic ulcers 65, 66-7, 68, 259
treatment 71-2
DIAPPERS mnemonic 514
diabetes mellitus 255
clinical presentation 19, 256
hyperglycemic crisis 264-7
hypoglycemia 258, 260-4
type 1 255
type 2 255
diabetic ketoacidosis 260, 264-7
diabetic retinopathy 259
diabetic ulcers 65, 66-7, 68, 259
treatment 71-2
dishonesty 230-6
docusate sodium 171
dopamine agonists 245
doxycycline 45, 456
drooling 243
drotrecogin alfa 341
dual X-ray absorptiometry (DXA) 311
dysphagia 139, 179
dyspnea 532
edsymoses 37
ECG
  acute coronary syndrome 82
  atrial fibrillation 88
  heart failure 101
  heart valve disease 121
hyperkalemia/hypokalemia 419
hyperparathyroidism 277
stroke 226
surgical patients 394
echocardiography
  atrial fibrillation 88
  heart failure 101
  heart valve disease 121
  stroke 226
  surgical patients 394
edema 242, 246, 270, 273, 283, 284, 285, 289, 294, 298, 300, 304-5, 328, 338, 354, 361, 365, 390, 393, 426
  cerebral 406, 407, 426
efavirenz (Sustiva) 332
drug interactions 333
Eikenella corrodens 355
d elder abuse/neglect 461-9
  guardianship 467-8
  management 466-7
  risk factors 462-3
  screening and assessment 464-6
  self-neglect 463-4
Elder Assessment Instrument 464
electrocardiography see ECG
electroconvulsive therapy 448
embolism 532
  pulmonary see pulmonary embolism
emotional abuse 462
ephymesis 129, 309, 532
  see also COPD
enalapril (Zestril) 184
enalaprilat 110
endocrine disorders 255-87
  diabetes mellitus 255-68
  hyperparathyroidism 275-9
  hyperthyroidism 272-4
  hypoparathyroidism 279-82
  hypothyroidism 269-71
SIADH 283-7
endoscopic retrograde
  cholangiopancreatogram (ERCP) 165
enemas 171
entacapone 245
enteral nutrition 477-8
Enterobacter spp. 197
Enterococcus spp., vancomycin-resistant
  see VRE
entry/fusion inhibitors 330
Epidermophyton 52
epilepsy see seizures
Epley maneuver 234
Epworth Sleepiness Scale 508
erythema 354, 532
  nonblancheable 533
erythrocyte sedimentation rate 532
  osteomyelitis 305
  septic arthritis 289
erythromycin 45
eschar 23, 532
Escherichia coli 139, 174, 197, 288, 303
esophagoscopy 180
estrogen, side effects 40
ethambutol 348
ethanol, side effects 40
etravirine (Intelence) 332
Evista see raloxifene
exercise 3
exudate 532
Faces Pain Scale 489
falls 480-8
  interventions 483-4
  management 484-5
  risk factors 481-2
famiciclovir (Famvir) 35
familial hypocalciuric hypercalcemia (FHH) 276
Famvir see famciclovir
Fanconi syndrome 419
febrile seizures 352
fexinostat 295
fenoldopam 110
fever 351-9
  of unknown origin 351, 352
fibrinolitics 84, 341
fissures 23
flare 532
fluconazole
  thrush 51
  tinea versicolor 55
fluid and electrolytes 403-39
  dehydration and hypovolemia 403-8
  hypercalcemia/hypocalemia 408-16
  hyperkalemia/hypokalema 416-23
  hypomagnesemia/
    hypermagnesemia 432-9
  hyponatremia/hypernatremia 423-32
Index

forced expiratory volume (FEV₁) 125, 532
forced vital capacity 125, 532
Forteo see teriparatide
fosamprenavir (Lexiva) 332
drug interactions 333
frail elders 1
friction 532
frontotemporal dementia 202
full thickness injury 533
functional assessment 16
functional incontinence 513
treatment 516
functional residual capacity 125
furosemide 184
GABA 440
gamma-aminobutyric acid see GABA
gastroesophageal reflux disease see GERD
gastrointestinal disorders 148–82
appendicitis 148-52
constipation 167-73
diarrhea 173-8
diverticular disease 152-7
GERD 178-82
haemorrhage 19
ischemic bowel 158-62
obstruction 20
pancreatitis 162-7
gastrointestinal postoperative monitoring 389-90
generalized anxiety disorder (GAD) 440-5
genitourinary disorders 183-201
acute kidney injury 183-91
chronic kidney disease 191-7
urinary tract infection 197-201
genitourinary postoperative monitoring 390
gentamicin 184
GERD 178-82
geriatric assessment 10-12
Geriatric Depression Scale (GDS) 447
geriatric interdisciplinary team 10
“Get to Know Me” poster 219
giant cell arteritis see temporal arteritis
Giardia spp. 174
gingivitis 259
glomerular filtration rate 183-4, 392, 409, 533
Cockcroft-Gault formula 184, 532
Modification of Diet in Renal Disease (MDRD) formula 184
glomerulosclerosis 183
glucocorticoids ARDS 341
polymyalgia rheumatica 362
vasculitis 383
glucose, serum levels 392
goiter 272
gold, side effects 40
gout 292-6
gouty tophi 295
granulation tissue 533
grapefruit juice, drug interactions 334
Graves’ disease 269
Gray Turner’s sign 164
griseofulvin 55
guardianship 467-8
HAART 324, 330-1
adverse effects 332
drug interactions 333-4
see also individual drugs
HACEK organisms 355
Haemophilus spp. 355
H. influenzae 139
Haldol see haloperidol
haloperidol (Haldol) 217
side effects 47
hand hygiene 143
Hashimoto’s thyroiditis 269
health assessment 10-20
health behavior models 521-2
health belief model 521
health history 12-17
cognition and health literacy 16-17
functional 16
medication review 12
nutrition 13
skin assessment 13-15, 14-15
substance abuse 12-13
health literacy 6-7, 16-17
Healthcare Infection Control Practices Advisory Committee (HICPAC) 143
healthy aging 2-3
heart failure 99-105
clinical presentation 19, 100
heart murmurs 118, 120
heart valve disease 117-23
heartburn 179
heavy metals, side effects 174
Heberden’s nodes 294
hematocrit 393
hematology/oncology 316-23
hematoma 533
hemiplegia 533
hemodialysis 195
hemoglobin 393
hemoptysis 533
Henoch-Schönlein purpura 37, 40, 379, 380
Index

heparin
  indications
    stroke 227
    stroke prevention 90
    venous thromboembolism 97
  side effects
    hyperkalemia 419
    purpura 40
herbal products, side effects 174
hernia 389–90
  incisional 386
herpes zoster 33–7
  herpes zoster ophthalmicus 34
highly active antiretroviral therapy see HAART
hip fractures 480
hip protectors 311
histamine-2 receptor antagonists
  GERD 181
  side effects, diarrhea 174
HIV virus 324–5
HIV/AIDS 324–36
  clinical presentation 326–7
  diagnostics 328–9
  differential diagnosis 329–30
  HAART 324, 330–1, 332, 333–4
  nursing assessment 327–8
  risk factors 325–6
Homan's sign 390
Hospital Elder Life Program (HELP) 218
hospital-acquired infections see nosocomial infections
hospital-acquired pneumonia 139
hospitalization 9
  and delirium 209–21
  impact of 5
human immunodeficiency virus see HIV/AIDS
hydralazine
  indications
    heart failure 103
    hypertensive emergency 110
  side effects 40
hydrocephalus, normal pressure 236–40
hydroxyzine 32
hyeraldosteronism 419
hypercalcemia 277, 408–16
hyperglycemia 255
HAART-associated 332
hyperglycemic hyperosmolar state 260, 264–7
hyperkalemia 416–23
hyperlipidemia, HAART-associated 332
hypermagnesemia 432–9
hyponatremia 403, 428–32
  euvoletic 424
  hypervolemic 424
  hypovolemic 424
  hypoparathyroidism 279–82
  hypothyroidism 269–71
  hypovolemia 403–8
  hypotonic 403
hypoxia 365
I WATCH DEATH mnemonic 214
IADL 16
IADL Scale 204
ibuprofen
  ARDS 341
  gout 295
immunoglobulins 364
immunosuppressants, side effects 184
Imodium see loperamide
Imuran see azathioprine
incisional hernia 386
indinavir (Crixivan) 332
indomethacin 502
  gout 295
infectious diseases 324–50
  clinical presentation 19
  fever 354
  HIV/AIDS 324–36
  sepsis and ARDS 337–42
  tuberculosis 343–50
inflammatory response 351
influenza 134–8
insomnia 506
instrumental activities of daily living see IADL
integrase inhibitors 330
Intence see etravirine
intermittent claudication 65, 113, 533
International Classification of Sleep Disorders 506
international normalized ratio (INR) 392
interstitial acute pancreatitis 163
intestinal angina 159
iplratropium bromide
    asthma 127
    COPD 132
    pneumonia 141
irrigation 533
irritant contact dermatitis 32
ischemic bowel 158-62
ischemic colitis 158, 161
ischemic stroke see stroke
isoniazid 348
jaw claudication 533
Joint Commission on Accreditation
    Healthcare Organization (JCAHO) 481, 503, 525
joint replacement 296-302
    postoperative period 298-300, 302
    preoperative period 297-8, 300, 302
Katz ADL 16
Kawasaki disease 379, 381
Kegel exercises 515
Kemadrin 246
Keppra see levetiracetam
ketocanazole
    seborrheic dermatitis 48
    side effects 40
kidney
    age effects 183
    blood flow 183
    glomerular filtration rate 183-4
kidney disease
    acute 183-91, 531
    chronic 191-7, 532
Kingella spp. 355
Klebsiella pneumoniae 139, 197
Kussmaul respiration 265
kyphoplasty 312
labetalol 110
laboratory investigations 18, 20
lactate dehydrogenase 83
lactic acidosis 332
lactulose 171
Lamictal see lamotrigine
lamotrigine (Lamictal) 252
lavage 533
Lawton IADL 16
laxatives 171
    osmotic 171
left ventricular assist device 104
leg ulcers 64-74
    arterial 64, 65, 66-7
    neuropathic 64-6, 66-7
    prevention 72-3, 72
    treatment 71-2
    venous 64, 65, 66-7
    Legionella pneumophila 139
    Leishmania spp. 354
    levetiracetam (Keppra) 252
    levodopa 245
    levothyroxine 271
    Lewy body dementia 202
    Lexiva see fosamprenavir
    Liddle syndrome 419
    lidocaine 35
    lifestyle changes 3
    hypertension 109
    limb ischemia 533
    lipase 165
    lipodermatosclerosis 533
    lipodystrophy 332
    lisinopril (Altace) 184
    literacy 519-20
    lithium, side effects 47
    living wills 470-1
    Lomotil see diphenoxylate/atropine
    loperamide (Imodium) 177
    lorazepam 252
    lovastatin 334
    low-molecular-weight heparin
        stroke 227
        stroke prevention 90
        venous thromboembolism 97
    lumbar puncture 238
    lupus 533
    Lyme disease 288
    macrophages 364
    macules 23
    magnesium
        homeostasis 432-3
        hypomagnesemia 432-9
        hypermagnesemia 432-9
        serum levels 435
        supplements 436
    magnetic resonance
        cholangiopancreatography (MRCP) 165
    magnetic resonance imaging see MRI
    Malassezia spp. 46
    malnutrition 465, 474
        risk factors 474-5
    maraviroc (Selzentry) 332
    MAZE procedure 89
    meclizine 235
    medications 501-6
        adverse drug reactions 174, 388, 501-2
        drug interactions 333
        evaluation of use 504
        polypharmacy 503
        potentially inappropriate 502-3
        review of 12
    see also individual drugs
Index

melatonin
delirium 217
sleep disorders 509
mental status changes 387–8
meperidine (Demerol) 491
Mersey harm reduction model 521
mesenteric ischemia see ischemic bowel
metabolic acidosis 365
metastasis 533
methadone, drug interactions 334
methicillin-resistant Staphylococcus aureus see MRSA
methimazole 273
methotrexate
indications
SLE 374
vasculitis 381, 383
side effects
osteoporosis 309
renal tubular necrosis 189, 194
methylcellulose 171
methylphenidate 235
metoprolol 89
heart failure 103
metronidazole
acne rosacea 45
diverticular disease 155
seborrheic dermatitis 49
microscopic polyangiitis 379, 381
Microsporum 52
milk of magnesia 171
minerals, side effects 174
Mini Nutritional Assessment 475–6
Mini-Cog 16-17, 203
Mini-Mental State Examination (MMSE) 16, 203, 213
misoprostol, side effects 174
mitral regurgitation 118
mitral stenosis 118
mitral valve 117
mixed incontinence 513
modafinil 235
Modification of Diet in Renal Disease (MDRD) formula 184, 533
monoamine oxidase inhibitors 245, 443
monotone speech 242
Moraxella catarrhalis 139
morphine
acute coronary syndrome 83
pancreatitis 166
Morse tool 483
MRI
gout 294
heart failure 102
heart valve disease 121
normal pressure hydrocephalus 238
osteomyelitis 305
stroke 226
surgical patients 395
MRSA 28, 357, 454, 455–6
multi-system organ failure 338
multidrug-resistant organisms (MDROs) 458
multiple sensory deficit syndrome 232
multisystem disorders 351-85
fever 351–9
polymyalgia rheumatica 359–63
rheumatoid arthritis 364–9
systemic lupus erythematosus 361, 369–76
temporal arteritis 362, 376–9
vasculitis 379–85
mupirocin cream 26
muscle relaxants 491
muscle rigidity 242
musculoskeletal disorders 288-315
gout 292–6
joint replacement 296-302
neglect 466
osteomyelitis 303-8
osteoporosis and Paget's disease 308-15
septic arthritis 288-92
musculoskeletal postoperative monitoring 390-1
Mycobacterium tuberculosis 288, 303, 343
see also tuberculosis
Mycoplasma pneumoniae 139
myocardial infarction
clinical presentation 19
non-ST elevation see NSTEMI
ST elevation see STEMI
myoglobin 83
myxedema coma 269
nails, onychomycosis 53, 54, 55
National Database of Nursing Quality Indicators (NDNQI) 481
National Kidney Foundation (NKF) Kidney Disease Outcomes Quality Initiative (KDOQI) 533
National Pressure Ulcer Advisory Panel 57, 58
National Quality Forum 481
nedocromil 127
Neisseria gonorrhoeae 288
Nelaton, Auguste 303
Neoral see cyclophosphamide
neurologic disorders 202-54
delirium 209-21
dementia 202-9
dizziness 230-6
normal pressure hydrocephalus 236-40
Parkinson’s disease 241-8
seizures 249–54
stroke 221–30
neuropathic ulcers 64–5, 66–7
clinical presentation 65, 68
treatment 71–2
neutrophils 364
nevirapine (Viramune) 332
drug interactions 333
Newest Vital Sign 17
nicardipine 110
nitrates
acutecoronary syndrome 84
heart failure 103
nitroglycerine 110
nodules 23
non-nucleoside reverse transcriptase inhibitors (NNRTIs) 330
non-rapid eye movement sleep 507
non-steroidal anti-inflammatory drugs see NSAIDs
noninvasive positive pressure ventilation (NPPV) 132
normal aging 3–5
normal pressure hydrocephalus 236–40
norovirus 174
nosocomial infections 454–61
C. difficile 174, 454, 457
morbidity and mortality 457–8
MRSA 28, 357, 454, 455–6
prevention 460–1
risk factors 454–5
VRE 454, 456–7
NSAIDs 356, 490
indications
gout 295
systemic lupus erythematosus 374
side effects
acute kidney injury 184
hyperkalemia 419
purpura 40
NSTEMI 79
chest pain 80
ECG 82
nucleoside reverse transcriptase inhibitor (NRTIs) 330
Numeric Rating Scale for pain 489
nutrition 13, 474–80
anthropometrics 476
enteral 477–8
laboratory tests 476
malnutrition 465, 474–5
post-surgery 398–9
screening and assessment 475–6
nutritional interventions 476–7
nystagmus 233
nystatin 55
thrush 51
oesophageal candidiasis 50
old old 1
OLD CARTS mnemonic 490
omalizumab 127
onychomycosis 53, 54
treatment 55
opioids 491
oral care guidelines 143–5
oral rehydration 406
orthostatic hypotension 107
Parkinson’s disease 243
oseltamivir (Tamiflu®) 136
osmotic laxatives 171
osteitis deformans see Paget’s disease
osteoporosis 308–15
overflow incontinence 513
treatment 516
oxycodone 35
oxygen therapy
acute coronary syndrome 83
COPD 132
pulmonary embolism 97
Paget’s disease 308–15
Pagitane see cyscrime
pain 488–94
assessment 489–90
management 490–2, 498–9
palliative care 494–501
barriers to 499–500
goals 496–7
initiation of dialog 497–8
pain and symptom management 498–9
pallidotomy 246
pancreas 162–3
pancreaticoduodenectomy (Whipple procedure) 166
pancreaticojejunostomy (Roux-en-Y) 166
pancreatitis 162–7
acute necrotizing 163
and hypocalcemia 412
interstitial acute 163
pandemics 533–4
pannus 364
papilledema 236
papules 23
parathyroid disorders
  hyperparathyroidism 275-9
  hypoparathyroidism 279-82
parathyroid hormone 275, 411
parathyroid related peptide 412
parathyroidectomy 278-9
Parkinson's disease 241-8
classification 243
partial thickness injury 534
partial thromboplastin time 392
Payne-Martin classification of skin tears 75, 76
pedal pulse 65, 68
pelvic floor dysfunction 168
Pender health promotion model 522
penicillins 184
  and hyperkalemia 419
pentazocine (Talwin) 491
perception 523
percutaneous coronary intervention 84
peripheral vascular disease
  112-16, 534
  intermittent claudication 65, 113
peritoneal dialysis 195
Persantine see dipyridamole
phenytoin (Dilantin) 252
  side effects 40
phosphorus 411
physical abuse 462
physical assessment 17-18
  see also specific conditions
plaques 23
Plasmodium spp. 354
platelets 393
Plavix see clopidogrel
Plummer's disease 272
Pneumocystis carinii 326, 327
pneumonia 138-47
  clinical presentation 19, 140
  community-acquired 139
  hospital-acquired 139
  P. carinii 326, 327
  post-surgery 387, 389, 397
viral 139
podagra 294
polyarteritis nodosa 379, 381
polyethylene glycol 171
polymyalgia rheumatica 359-63
polypharmacy 503
positive end expiratory pressure (PEEP) 340
postural instability 242
potassium
  homeostasis 417
  hyperkalemia 416-23
  hypokalemia 416-23
poverty 520
power of attorney 471
pramipexole 245
prehypertension 534
pressure ulcers 56-64
  Braden scale 14-15, 60-1, 62
  clinical presentation 58-9, 58
  definition 57
  prevention 60-1, 62
  risk factors 57
presyncope 232
probenecid 295
Prochaska stages of behavioral change 521-2
Prolia see denosumab
promethazine 235
propranolol (Darvon) 491
propylthiouracil 273
  side effects 273-4
  purpura 40
protease inhibitors 330
protein C deficiency 534
protein S deficiency 534
Proteus spp. 197
  P. mirabilis 197
prothrombin time 392
proton pump inhibitors
drug interactions 333
GERD 180, 181
  side effects 174
pruritus 41-4
Pseudomonas spp. 197
  P. aeruginosa 139, 197, 303
psychological issues 440-53
  anxiety disorders 440-5
  depression 387-8, 445-53
psychosocial abuse 462
psychosocial theories of aging 2
psychotherapy 448
psyllium 171
pulmonary embolism 92, 94
differential diagnosis 96-7
investigations 96
post-surgery 387, 389
pulmonary valve
  117
pulmonic stenosis 118
pulse
  grading 68
  pedal 65, 68
purpura 37-41, 534
pustules 23
pyelonephritis 534
pyrazinamide 348
quality of life 498
quinidine, side effects 40
quinine, side effects 40
raloxifene (Evista) 312
ranitidine 396
Rapid Estimate of Adult Literacy in Medicine 7
Rapid Estimate of Health Literacy in Medicine Tool Short-Form (REALM-ST) 17
rapid eye movement sleep 507
reality orientation therapy 206
reflection 523
Reiter's syndrome 534
Relenza see zanamivir
reminiscence therapy 206
remitting seronegative symmetric synovitis 361
renal replacement therapy 189, 534
Rescriptor see delavirdine
residual volume 125
respiratory disorders 124-47
asthma 124-8
COPD 124, 128-34
influenza 134-8
pneumonia 138-47
respiratory postoperative monitoring 389
resting tremor 242
restless leg syndrome 507
Retrovir see zidovudine
Reyataz see atazanavir
rheumatoid arthritis 364-9
rheumatoid factors 364, 534
rheumatoid nodules 366
rhinophyma 45
Rickettsia spp. 354
rifampin 184, 348
rifapentine 343
RIFLE criteria 188
rigors 352
rivaroxaban 90
rolflumilast 132
ropinirole 245
rotavirus 174
St John's wort 333
Salmonella spp. 174
Sandimmune see cyclophosphamide
SBAR communication 525-30
correlation to nursing process 528-9
multidisciplinary education 529
operationalization 527-8
physician considerations 529
theoretical framework 526
scalds 24
scaling 23
Schamberg purpura 37
scopolamine 235
seborrheic dermatitis 46-9
Parkinson's disease 243
seizures 249-54
classification 249-50
febrile 352
selective serotonin reuptake inhibitors (SSRIs) 443, 448
drug interactions 333
selegiline 245
selenium sulfide 55
self-neglect 463-4
Self-Neglect Severity Scale 464
Selzentry see maraviroc
senna 171
sepsis 337-42
organs affected by 338
septic arthritis 288-92
septicaemia 352
Sermont maneuver 234
Serratia marcescens 303
serum osmolality 284
sexual abuse 462
shaking palsy see Parkinson's disease
shear 534
Shigella spp. 174
shingles see herpes zoster
SIADH 283-7
SIG: E CAPS mnemonic 447
sigmoidoscopy 154
sildenafil (Viagra) 334
silver sulfadiazine cream 26
simulated presence therapy 207
simvastatin 334
situation, background, assessment, recommendation see SBAR communication
Sjögren's syndrome 366
skin
assessment 13-15, 14-15
neglect 466
postoperative monitoring 389
skin disorders 22-4
acne rosacea 44-6
burns 24-7
cellulitis 27-31
clinical presentation 19, 22-3
contact dermatitis 31-3
herpes zoster 33-7
leg ulcers 64-74
morphology 23
pressure ulcers 56-64
pruritus 41-4
purpura 37-41
seborrheic dermatitis 46-9
thrush 50-2
tinea 52-6
skin tears 74-8
Payne-Martin classification 75, 76
sleep 507
sleep apnea 507
Index

sleep disorders 506–11
  complications 509–10
  drug-induced 507
  insomnia 506
  restless leg syndrome 507
  risk factors 507–8
  treatment 509
slough 534
smoking 12
sodium
  hypernatremia 403, 428–32
  hyponatremia 283, 285, 423–8
sodium biphosphate 171
sodium nitroprusside 110
sodium sulfacetamide 45
somatostatin 163
sorbitol 171
SPICES: an Overall Assessment Tool for Older Adults 218
spironolactone, side effects 419
staging 534
Staphylococcus spp.
  S. aureus 139, 288, 303
  S. epidermidis 303
  S. saprophyticus 197
statins, acute coronary syndrome 84
status epilepticus 250
stavudine (Zerit) 332
steatorrhea 164
STEMI 79
ECG 82
stereotactic surgery 246
Stevens-Johnson syndrome 332
stool softeners 171
Streptococcus pneumonia 139
stress 520
stress incontinence 513
  treatment 516
stress test
  heart failure 102
  heart valve disease 121
stroke 221-30
  clinical presentation 223-5
  prevention 90, 228
substance abuse 12-13
sulfonamides 184
sundowning 387
super bugs 454
suppositories 171
surgery 386-402
  complications 398-9
  mental status changes 387-8
  postoperative care 396-7
  postoperative monitoring
    cardiac 389
    gastrointestinal 389-90
    genitourinary 390
musculoskeletal 390-1
peripheral vascular 390
respiratory 389
skin 389
vital signs 388
see also individual tests
risk factors 386-7
Sustiva see efavirenz
syncope 232
syndrome of inappropriate antidiuretic hormone secretion
  see SIADH
synovial fluid 534
synovitis 364
synovium 534
systemic inflammatory response syndrome (SIRS) 337
systemic lupus erythematosus 361, 369-76
diagnostic criteria 371-2
Systolic Hypertension in the Elderly Program (SHEP) 105
T lymphocytes 364
tachypnea 534
Tagamet see cimetidine
Takayasu's arteritis 379, 381
Talwin see pentazocine
Tamiflu see oseltamivir
Tegretol see carbamazepine
telangiectasia 45
temporal arteritis 362, 376-9, 381, 533, 534
  see also vasculitis
Ten Point Clock Test 203
tenfovir (Viread) 332
terbinafine 48
teriparatide (Forteo) 312
tetany 278
tetracycline 45
thalamotomy 246
theophylline
  indications
    asthma 127
    COPD 132
  side effects 174
theories of aging 2
thiazides, side effects 40
thrombus 534
thrush 50-2
thyroid disorders 269-75
  clinical presentation 19
  hyperthyroidism 272-4
  hypothyroidism 269-71
thyroid hormones 269
thyroid-stimulating hormone 269
thyrotoxic crisis 274

Buttaro_bindex.indd   550
9/3/2012   12:08:08 PM
thyrotoxicosis 272
thyrotropin-releasing hormone 269
Ticlid see ticlopidine
ticlopidine (Ticlid) 227
Tigan see trimethobenzamide
tinea 52-6
tinea barbae 53, 54
tinea capitis 53, 54
tinea cruris 53, 54
tinea manuum 53, 54
tinea pedis 53, 54
linea unguium see onychomycosis
tinea versicolor 52-3
treatment 55
tinnitus 233
tissue plasminogen activator 472
tobramycin 184
TOILETED mnemonic 514
tolcapone 245
transient incontinence 513
traumatic brain injury 480-1
tremor, resting 242
triazolam 333
Trichophyton 52
tricuspid regurgitation 118
tricuspid valve 117
tricyclic antidepressants 443, 448
trihexphenidyl (Artane) 246
trimethobenzamide (Tigan) 491
trimethoprim-sulfamethoxazole, side effects 419
troponins 82-3, 83
Trousseau’s sign 278, 280
Trypanosoma spp. 354
tube feeding 477-8
tuberculosis 343-50
diagnostics 346-7, 346
latent 343, 344, 346, 347-8

ulcers
lower extremity 64-74
pressure see pressure ulcers
ultrasound
abdominal 165
acute kidney injury 187
bladder 514
deep venous thrombosis 96
postoperative 300
surgical patients 394-5
thyroid 273
undermining 535
uremia 535
urge incontinence 513
treatment 516
uric acid 293-4
see also gout
urinalysis 199
urinary incontinence 511-17
clinical presentation 512
functional 513
mixed 513
nursing assessment 513-14
overflow 513
Parkinson’s disease 243
risk factors 512
stress 513
transient 513
treatment 515-16, 516
urge 513
urinary tract infection 197-201, 535
catheter-associated 456
clinical presentation 19, 198
complicated 532
and delirium 210
uncomplicated 534
urine tests 406-5
urticaria 23
valacyclovir (Valtrex), herpes zoster 35
validation 523
validation therapy 206
Valium see diazepam
Valtrex see valacyclovir
vancomycin, side effects 40
vancomycin-resistant Enterococcus spp. see VRE
varicella vaccine 36
varicella virus 33
vascular dementia 202
vasculitis 379-85, 535
vasopressin 430
vasopressin receptor antagonists 286
vena cava filters 97
venous thromboembolism 92-9
venous ulcers 64, 66-7
clinical presentation 65
treatment 71
ventriculoperitoneal shunting 239
verapamil 477
atrial fibrillation 89
Verbal Descriptor Scale for pain 489
vertebroplasty 312-13
vertigo 232-4
central 233
peripheral 233-4
vesicles 23
Viagra see sildenafil
Videx see didanosine
Viramune see nevirapine
Viread see tenfovir
vital signs
dehydration 404-5
post-surgery 388
vitamins
  deficiency 476
  side effects 174
vitamin B₁₂ 204, 213
  deficiency 51, 270, 442
vitamin C deficiency 38
vitamin D 194, 414, 433, 477
  deficiency 279, 415, 435
vitamin E 477
vitamin K 91
vitamin K antagonists 97, 98
VRE 454, 456-7

warfarin
  drug interactions 333
  side effects, purpura 40
  stroke prevention 90
  venous thromboembolism 97
wear and tear theory of aging 2
Wegener’s granulomatosis 379, 381
Wellbutrin see bupropion
white cell count 393
WILDA mnemonic 490
wound infection 387, 389
Xanax see alprazolam
xerostomia 13
Yale Delirium Prevention Trial 218
young old 1
zanamivir (Relenza®) 136
Zerit see stavudine
Zestril see enalapril
Ziagen see abacavir
zidovudine (Retrovir) 332
Zovirax see acyclovir