

Index by drug name

- abobotulinumtoxin A (botulinum toxin type A), 20
 Abstral (fentanyl), 172
 Acemuc (*N*-acetylcysteine), 524
 Acephen (acetaminophen), 1
 acetaminophen, 1
 with codeine, 90
 with codeine, butalbital and caffeine, 90
 with hydrocodone, 205
 with oxycodone, 374
 with pentazocine, 403
 acetyl-L-carnitine (ALCAR), 507
 acetylsalicylic acid (aspirin), 12
 with codeine and carisoprodol, 90
 with codeine, butalbital and caffeine, 90
 Acetyst (*N*-acetylcysteine), 524
 Actiq (fentanyl), 172
 Acular (ketorolac), 244
 Acuvail (ketorolac), 244
 Addnok (buprenorphine), 27
 Alertec (modafinil), 327
 Aleve (naproxen), 351, 352
 Alka-Seltzer (aspirin), 12
 Almogran (Almotriptan), 5
 almotriptan, 5
 alpha lipoic acid (ALA), 501
 Alupram (diazepam), 128
 Amerge (naratriptan), 355
 amitriptyline, 8
 Amrix (cyclobenzaprine), 99
 Anafranil (clomipramine), 75
 Analin (nalbuphine), 343
 Ananase (bromelain), 504
 Anaprox (naproxen), 351, 352
 Anaprox DS (naproxen), 351
 Anexsia (hydrocodone with acetaminophen), 205
 Ansaid (flurbiprofen), 189
 apo-cyclobenzaprine, 99
 Aredia (pamidronate disodium), 392
 Ariclaim (duloxetine), 154
 armodafinil (modafinil), 327
 Arthrotec (diclofenac with misoprostol), 132
 Ascriptin (aspirin), 12
 Aspergum (aspirin), 12
 aspirin (acetylsalicylic acid), 12
 with oxycodone, 374
 Asprimox (aspirin), 12
 atenolol, 423
 Atensine (diazepam), 128
 Avinza (morphine), 331
 Axert (almotriptan), 5
 Azerty (nalbuphine), 343
 baclofen, 16
 Bain (nalbuphine), 343
 Banflex (orphenadrine), 364
 Bayer (aspirin), 12
 Betim (timolol), 454
 Betimol (timolol), 454
 Blocadren (timolol), 454
 Botox (botulinum toxin type A), 20
 botulinum toxin type A, 20
 botulinum toxin type B, 24
 bromelain, 504
 Bufferin (aspirin), 12
 Bufigen (nalbuphine), 343
 Buprenex (buprenorphine), 27
 buprenorphine, 27
 with naloxone, 27
 Bupresic (buprenorphine), 27
 butalbital
 with codeine, acetaminophen and caffeine,
 90
 with codeine, acetylsalicylic acid and caffeine,
 90
 butorphanol, 38
 Butrans (buprenorphine), 27

 Calan (verapamil), 486
 Calcidol (vitamin D), 513
 Calcimar (calcitonin), 47
 calcitonin, 47
 Caldolor (ibuprofen), 222, 223, 225
 Cambria (diclofenac), 132
 capsaicin, 51
 carbamazepine, 55
 Carbatrol (carbamazepine), 55
 Carisoma (carisoprodol), 61
 carisoprodol, 61
 with codeine and acetylsalicylic acid, 90
 carnitine, 507
 Carnitor (carnitine), 507
 Catapres (clonidine), 85
 Celebrex (celecoxib), 63
 celecoxib, 63
 Celexa (citalopram), 70
 cholecalciferol (vitamin D3), 513
 choline magnesium trisalicylate, 67
 citalopram, 70
 Clinoril (sulindac), 436
 clomipramine, 75
 clonazepam, 81
 clonidine, 85
 Clorpres (clonidine), 85

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- codeine, 90
 with acetaminophen, 90
 with acetaminophen, butalbital and caffeine, 90
 with acetylsalicylic acid and carisoprodol, 90
 with acetylsalicylic acid, butalbital and caffeine, 90
- codeine phosphate, 90
- codeine sulfate, 90
- coenzyme Q10, 510
- Co-gesic (hydrocodone with acetaminophen), 205
- Combunox (oxycodone with ibuprofen), 223
- Concerta (methylphenidate), 314, 318
- ConZip (tramadol), 467
- Cordilox (verapamil), 486
- Covera-HS (verapamil), 486
- Creo-Terpin (dextromethorphan), 125
- cyclobenzaprine, 99
- Cymbalta (duloxetine), 154
- cyproheptadine, 102
- Cypromar (cyproheptadine), 102
- Dantamacrin (dantrolene), 106
- Dantium (dantrolene), 106
- Dantrolen (dantrolene), 106
- dantrolene, 106
- Daypro (oxaprozin), 367
- Daytrana (methylphenidate), 314
- Delsym (dextromethorphan), 125
- Deltalin (vitamin D), 513
- Demerol (meperidine/pethidine), 289
- Depacon (valproic acid), 477
- Depakene (valproic acid), 477
- Depakote (valproic acid), 477
- Depakote ER (valproic acid), 477
- DepoDur (morphine), 331
- desipramine, 109
- desvenlafaxine, 115
- Dexibuprofen, 225
- dexmedetomidine hydrochloride, 120
- dextromethorphan, 125
- DHE-45 (dihydroergotamine), 140
- Dialar (diazepam), 128
- Diastat (diazepam), 128
- Diazemuls (diazepam), 128
- diazepam, 128
- diclofenac, 132
 with misoprostol, 132
- Dicorate (valproic acid), 477
- diflunisal, 137
- Dihydergot (dihydroergotamine), 140
- dihydroergotamine, 140
- dihydrolipoic acid (alpha lipoic acid), 501
- Dilaudid (hydromorphone), 213
- Disalcid (salsalate), 427
- Disorate (valproic acid), 477
- Divaa (valproic acid), 477
- Divalpro (valproic acid), 477
- Divalproex (valproic acid), 477
- Dolobid (diflunisal), 137
- Dolophine (methadone), 300
- doxepin, 143
- Drisdol (vitamin D), 513
- dronabinol, 150
- Duexis (ibuprofen with famotidine), 223
- duloxetine, 154
- Duraclon (clonidine), 85
- Duragesic (fentanyl), 172
- Duramorph (morphine), 331
- Dysport (botulinum toxin type A), 20, 23
- Ebixa (memantine), 286
- EC-Naprosyn (naproxen), 352
- EC-Naproxen (naproxen), 351
- Ecotrin (aspirin), 12
- Efectin (venlafaxine), 482
- Efextor (venlafaxine), 482
- Effexor (venlafaxine), 482
- Effexor XL (venlafaxine), 482
- Effexor XR (venlafaxine), 482
- Elatrol (amitriptyline), 8
- Elavil (amitriptyline), 8
- eletriptan, 158
- Elevat (dronabinol), 150
- Embeda (morphine), 331
- Empirin (aspirin), 12
- Endep (amitriptyline), 8
- Endocet (oxycodone with acetaminophen), 374
- Endodan (oxycodone with aspirin), 374
- Epilim (valproic acid), 477
- Episenta (valproic acid), 477
- Epitomax (topiramate), 463
- Epival (valproic acid), 477
- Equetro (carbamazepine), 55
- ergocalciferol (vitamin D2), 513
- escitalopram, 161
- Evacalm (diazepam), 128
- Exalgo (hydromorphone), 213
- famotidine, with ibuprofen, 223
- Feldene (piroxicam), 411
- fenoprofen, 169
- fentanyl, 172
- Fentora (fentanyl), 172
- Fexmid (cyclobenzaprine), 99
- Flexeril (cyclobenzaprine), 99
- Flexon (orphenadrine), 364
- Fluimucil (*N*-acetylcysteine), 524
- Flumil (*N*-acetylcysteine), 524
- flunarizine, 183
- Fluox (fluoxetine), 186

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- fluoxetine, 186
 flurbiprofen, 189
 fluvoxamine, 192
 folate with vitamins B₆ and B₁₂, 521
 Fortical (calcitonin), 47
 Fortral (pentazocine), 403
 Fortwin (pentazocine), 403
 Frova (frovatriptan), 198
 frovatriptan, 198
- gabapentin, 201
 Gabarone (gabapentin), 201
 Gabitril (tiagabine), 450
 Gablofen (baclofen), 16
- Halfprin (aspirin), 12
 Heartline (aspirin), 12
 hydrocodone, 205
 with acetaminophen, 205
 with ibuprofen, 205, 223
 hydromorphone, 213
 Hydrostat (hydromorphone), 213
- ibuprofen, 222
 with famotidine, 223
 with hydrocodone, 205, 223
 with oxycodone, 223
 Imigran (sumatriptan), 439
 imipramine, 226
 Imitrex (sumatriptan), 439
 Inderal (propranolol), 420
 Inderal-LA (propranolol), 420
 Indochron-ER (indomethacin), 232
 Indocid (indomethacin), 232
 Indocin (indomethacin), 232
 Indocin-SR (indomethacin), 232
 indomethacin, 232
 Infumorph (morphine), 331
 InnoPran XL (propranolol), 420
 Innovar (fentanyl), 172
 Intapan (nalbuphine), 343
 Ionsys (fentanyl), 172, 176
 Isoptin SR (verapamil), 486
 Istalol (timolol), 454
 Ixel (milnacipran), 322
- Kadian (morphine), 331
 Kemstrol (baclofen), 16
 Keppra (levetiracetam), 256
 Keppra XR (levetiracetam), 256
 Ketalar (ketamine), 235
 ketamine, 235
 ketoprofen, 239
 ketorolac, 243
 Klonopin (clonazepam), 81
 Kopodex (levetiracetam), 256
- Labileno (lamotrigine), 250
 lacosamide, 247
 Lamictal (lamotrigine), 250
 Lamictin (lamotrigine), 250
 lamotrigine, 250
 Laroxyl (amitriptyline), 8
 Lazanda (fentanyl), 172
 levetiracetam, 256
 levocarnitine, 507
 Levo-Dromoran (levorphanol), 259
 levorphanol, 259
 Lexapro (escitalopram), 161
 lidocaine, 267
 Lidoderm (lidocaine), 267
 Lioresal (baclofen), 16
 lipoic acid, 501
 lipolate (alpha lipoic acid), 501
 L-methylfolate, 521
 Lodine (etodolac), 166
 Lortab (hydrocodone with acetaminophen), 205
 Lovaza (omega-3 fatty acids), 527
 Ludiomil (maprotiline), 271
 Luvox (fluvoxamine), 192
 Lyrica (pregabalin), 417
 Lysox (*N*-acetylcysteine), 524
- Magnaprin (aspirin), 12
 magnesium, 518
 Mallinckrodt (fentanyl), 172
 Mapap (acetaminophen), 1
 maprotiline, 271
 Marinol (dronabinol), 150
 Maxalt (rizatriptan), 424
 Meclodium (meclofenamate), 277
 Meclofen (meclofenamate), 277
 meclufenamate, 277
 Meclomen (meclofenamate), 277
 Medicon (dextromethorphan), 125
 Mediproxen (naproxen), 352
 mefenamic acid, 280
 meloxicam, 283
 memantine, 286
 meperidine, 289
 Metadata CD (methylphenidate), 314
 Metanx (folate with vitamins B₆ and B₁₂), 521
 metaxalone, 298
 methadone, 300
 methocarbamol, 311
 methylcobalamin, 521
 methylphenidate, 314
 metoprolol, 423
 mexiletine, 319
 Mexitil (mexiletine), 319
 Miacalcin (calcitonin), 47
 Midol (naproxen), 352
 Migard (frovatriptan), 198

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- Migranal (dihydroergotamine), 140
milnacipran, 322
misoprostol, with diclofenac, 132
Mobic (meloxicam), 283
modafinil, 327
Modalert (modafinil), 327
Mono-Gesic (salsalate), 427
Morgesic (buprenorphine), 27
morphine, 331
Motrin (ibuprofen), 222
MS Contin (morphine), 331
Mucinac (*N*-acetylcysteine), 524
Mucomyst (*N*-acetylcysteine), 524
Mylan (fentanyl), 172
Myobloc (botulinum toxin type B), 24
- nabumetone, 340
N-acetylcysteine (NAC), 524
nadolol, 423
Nalbuphine (nalbuphine), 343
nalbuphine, 343
Nalcryn (nalbuphine), 343
Nalfon (fenoprofen), 169
naloxone
 with buprenorphine, 27
 with pentazocine, 403
Nalpain (nalbuphine), 343
Namenda (memantine), 286
Naprapac (naproxen), 352
Naprelan (naproxen), 351, 352, 353
Naprosun (naproxen), 351
Naprosyn (naproxen), 352
naproxen, 351
 with sumatriptan, 439
Naproxinod, 354
Naramig (naratriptan), 355
naratriptan, 355
NatuRelief (bromelain), 504
Neoprofen (ibuprofen), 222
Neoprofen (ibuprofen), 224
Neupentin (gabapentin), 201
Neurobloc (botulinum toxin type B), 24
Neuronox (botulinum toxin type A), 20
Neurontin (gabapentin), 201
Neurostil (gabapentin), 201
Norco (hydrocodone with acetaminophen), 205
Norflex (orphenadrine), 364
Normast (palmitoylethanolamide), 530
Norphin (buprenorphine), 27
Norpramin (desipramine), 109
Norspan (buprenorphine), 27
nortriptyline, 358
Nubain (nalbuphine), 343
Nucynta (tapentadol), 442
Nucynta CR (tapentadol), 442
Nucynta ER (tapentadol), 442
- Nukaine (nalbuphine), 343
Numorphan (oxymorphone), 383
- Ofirmev (acetaminophen), 1
Omacor (omega-3 fatty acids), 527
omega-3 fatty acids, 527
onabotulinumtoxin A (botulinum toxin type A), 20
Onfor (nalbuphine), 343
Onsolis (fentanyl), 172
Opana (oxymorphone), 383
Opana ER (oxymorphone), 383, 386
Opana IR (oxymorphone), 383
Oramorph (morphine), 331
OrPha (nalbuphine), 343
Orphenace (orphenadrine), 364
orphenadrine, 364
Orudis (ketoprofen), 239
Oruvail (ketoprofen), 239
oxaprozin, 367
oxcarbazepine, 370
Oxecta (oxycodone), 374
oxycodone, 374
 with acetaminophen, 374
 with aspirin, 374
 with ibuprofen, 223
OxyContin (oxycodone), 374
OxylR (oxycodone), 374
oxymorphone, 383
- Palladone (hydromorphone), 213
palmitoylethanolamide (PEA), 530
Pamelor (nortriptyline), 358
pamidronate disodium, 392
Pamprin (naproxen), 352
paracetamol (acetaminophen), 1
Parcodan (oxycodone with aspirin), 374
paroxetine, 397
Parvolex (*N*-acetylcysteine), 524
Paxil (paroxetine), 397
Paxil CR (paroxetine), 397
pentazocine, 403
 with acetaminophen, 403
 with naloxone, 403
pentazocine lactate, 403
Percocet (oxycodone with acetaminophen), 374
Periactin (cyproheptadine), 102
Periavit (cyproheptadine), 102
pethidine, 289
PharmaNAC (*N*-acetylcysteine), 524
pizotifen, 414
Ponstel (mefenamic acid), 280
Precedex (dexmedetomidine), 120
pregabalin, 417
Prialt (ziconotide), 489
Pristiq (desvenlafaxine), 115
Probuphine (buprenorphine), 27

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- Propionyl-L-carnitine (PLC), 507
 propranolol, 420
 Provigil (modafinil), 327
 Prozac (fluoxetine), 186
 pyridoxal 5'-phosphate, 521
 Pyrohep (cyproheptadine), 102
- Qutenza (capsaicin), 51
- Ralivia ER (tramadol), 467
 Redomex (amitriptyline), 8
 Relafen (nabumetone), 340
 Relert (eletriptan), 158
 Relpax (eletriptan), 158
 Reprexain (hydrocodone with ibuprofen), 205
 riboflavin, 533
 Rimabotulinum toxin B, 24
 Rimapam (diazepam), 128
 Ritalin (methylphenidate), 314
 Ritalin LA (methylphenidate), 314
 rizatriptan, 424
 Robafen Cough (dextromethorphan), 125
 Robaxin (methocarbamol), 311
 Robitussin CoughGels (dextromethorphan), 125
 Roxanol (morphine), 331
 Rybix ODT (tramadol), 467
 Ryzolt (tramadol), 467
- Salflex (salsalate), 427
 salsalate, 427
 Salsitab (salsalate), 427
 Sandomigran (pizotifen), 414
 Sandoz (fentanyl), 172
 Sanmigran (pizotifen), 414
 Sanoma (carisoprodol), 61
 Sanomigran (pizotifen), 414
 Sarafem (fluoxetine), 186
 Saroten (amitriptyline), 8
 Savella (milnacipran), 322
 Securon (verapamil), 486
 sertraline, 430
 Sibelium (flunarizine), 183
 Sinequan (doxepin), 143
 Sirdalud (tizanidine), 457
 Skelaxin (metaxalone), 298
 Solis (diazepam), 128
 Solmucaine (*N*-acetylcysteine), 524
 Soma (carisoprodol), 61
 Sosegon (pentazocine), 403
 Soval DX (valproic acid), 477
 Stadol (butorphanol), 38
 Stavzor (valproic acid), 477
 Stesolid (diazepam), 128
 Sublimaze (fentanyl), 172
 Suboxone (buprenorphine with naloxone), 27
 Subutex (buprenorphine), 27
 sulindac, 436
 Sumarel (sumatriptan), 439
 sumatriptan, 439
 with naproxen, 439
 Symbyax (fluoxetine), 186
- Talacen (pentazocine
 with acetaminophen), 403
 Talwin (pentazocine), 403
 Talwin PX (pentazocine), 403
 Talwin NX (pentazocine with naloxone), 403
 tapentadol, 442
 Tegretol (carbamazepine), 55
 Temgesic (buprenorphine), 27
 Temptra (acetaminophen), 1
 Tensium (diazepam), 128
 thiotic acid (alpha lipoic acid), 501
 tiagabine, 450
 Tidigesic (buprenorphine), 27
 timolol, 423, 454
 Timoptic (timolol), 454
 tizanidine, 457
 Tofranil (imipramine), 226
 Tofranil-PM(r) (imipramine), 228
 Tolectin (tolmetin sodium), 460
 Toledomin (milnacipran), 322
 tolmetin sodium, 460
 Topamac (topiramate), 463
 Topamax (topiramate), 463
 topiramate, 463
 Toradol (ketorolac), 243
 tramadol, 467
 Trebon N (*N*-acetylcysteine), 524
 Trend-XR (valproic acid), 477
 Trepiline (amitriptyline), 8
 Trevilor (venlafaxine), 482
 Treximet (sumatriptan), 439
 Tridural (tramadol), 467
 Trileptal (oxcarbazepine), 370
 Trilisate (choline magnesium trisilicylate), 67
 Triptafen (amitriptyline), 8
 Triptyl (amitriptyline), 8
 Tryptanol (amitriptyline), 8
 Tryptizol (amitriptyline), 8
 Tylenol (acetaminophen), 1, 2, 4
- ubidecarenone, 510
 ubiquinone, 510
 Ultracet (tramadol with acetaminophen), 467
 Ultram (tramadol), 467
 Ultram ER (tramadol), 467
 Univer (verapamil), 486
- Valclair (diazepam), 128
 Valium (diazepam), 128
 Valna (valproic acid), 477

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- valproic acid, 477
Vataflam (diclofenac), 132
Venla (venlafaxine), 482
venlafaxine, 482
verapamil, 486
Verapres (verapamil), 486
Verelan (verapamil), 486
Versatis (lidocaine), 267
Vertab (verapamil), 486
Vicodin (hydrocodone with acetaminophen), 205
Vicodin ES (hydrocodone with acetaminophen), 205
Vicodin HP (hydrocodone with acetaminophen), 205
Vicoprofen (hydrocodone with ibuprofen), 205, 223
Vigicerl (modafinil), 327
Vimpat (lacosamide), 247
Vistabel (botulinum toxin type A), 20
vitamin B₂ (riboflavin), 533
vitamin D, 513
vitamins B₆ and B₁₂ with folate, 521
Voltaren-XR (diclofenac), 132
Xeomin (botulinum toxin type A), 20
Xeristar (duloxetine), 154
X-OTag (orphenadrine), 364
Yentreve (duloxetine), 154
Zanaflex (tizanidine), 457
Zeegap (pregabalin), 417
ziconotide, 489
Zipsor (diclofenac), 132
zolmitriptan, 493
Zoloft (sertraline), 430
Zomig (zolmitriptan), 493
Zomig MLT (zolmitriptan), 493
Zonegran (zonisamide), 496
zonisamide, 496
ZORprin (aspirin), 12
Zydone (hydrocodone with acetaminophen),
205
Zytram XL (tramadol), 467

Index by use

Drug names in **bold** are FDA approved

- Achalasia**
 botulinum toxin type A, 20
- Acquired epileptic aphasia**
 valproic acid, 477
- Actinic keratosis (AK)**
 diclofenac, 135
- Agitation**
 diazepam, 128
- Agoraphobia**
clonazepam, 81
- Akathisia**
 propranolol, 420
- Alcohol dependence**
 baclofen, 16
 topiramate, 463
- Alcohol withdrawal**
 clonidine, 85
 dexmedetomidine, 120
 diazepam, 128
 gabapentin, 201
 oxcarbazepine, 370
 pregabalin, 417
- Allergic reactions**
cyproheptadine, 102
- Allodynia**
 gabapentin, 201
- Alzheimer dementia**
memantine, 286
- Anesthesia**
butorphanol, 38
ketamine, 235
 meperidine/pethidine, 289
 nalbuphine, 343
 pentazocine, 403
- Angina**
aspirin, 12
 propranolol, 420
 timolol, 454
 verapamil, 486
- Angioplasty**
aspirin, 12
- Ankylosing spondylitis**
celecoxib, 63, 64
diclofenac, 132, 133
 indomethacin, 232
 naproxen, 351, 353
 pamidronate disodium, 392
- Anorexia**
dronabinol, 150, 151
- Anxiety**
 amitriptyline, 8
 citalopram, 70
 clomipramine, 75
 clonazepam, 81
 clonidine, 85
 desipramine, 109
 desvenlafaxine, 115
 diazepam, 128
 doxepin, 143
duloxetine, 154
 escitalopram, 161
 fluoxetine, 186
 fluvoxamine, 192
 gabapentin, 201
 imipramine, 226
 maprotiline, 271
 paroxetine, 397
 pizotifen, 414
 sertraline, 430
 tiagabine, 450
venlafaxine, 482
- Aphasia, acquired epileptic**
 valproic acid, 477
- Appetite, poor**
 cyproheptadine, 102
- Arrhythmias**
 magnesium, 518
 mexiletine, 319
 propranolol, 420
 verapamil, 486
- Arthritis. See also Osteoarthritis, Rheumatoid arthritis**
 acetaminophen, 1
 amitriptyline, 8
aspirin, 12
 bromelain, 504
 celecoxib, 63
 choline magnesium trisalicylate, 67
diflunisal, 137
 etodolac, 166
 fenoprofen, 169
 flurbiprofen, 189
 ibuprofen, 222
 ketoprofen, 239
meclofenamate, 277
 mefenamic acid, 280
 meloxicam, 283
 nabumetone, 340

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- Arthritis (cont.)
 naproxen, 351
 oxaprozin, 367
 piroxicam, 411
 salsalate, 427
 sulindac, 436
 tolmetin sodium, 460
- Asthma
 magnesium, 518
- Atherosclerosis
 propranolol, 420
 timolol, 454
- Atrial fibrillation
 aspirin, 12
 verapamil, 486
- Attention deficit hyperactivity disorder (ADHD)
 clonidine, 85, 88
 memantine, 286
methylphenidate, 314
 modafinil, 327
 venlafaxine, 482
- Axillary hyperhidrosis
 botulinum toxin type B, 24
onabotulinum toxin A, 20, 21
- Back pain
 amitriptyline, 8
 cyclobenzaprine, 99
 pamidronate disodium, 392
 tizanidine, 457
 vitamin D, 513
- Benzodiazepine withdrawal
 pregabalin, 417
- Bipolar disorder
 carbamazepine, 55
 diazepam, 128
 doxepin, 143
 fluoxetine, 186
 gabapentin, 201
lamotrigine, 250
 oxcarbazepine, 370
 pregabalin, 417
 topiramate, 463
valproic acid, 477
 zonisamide, 496
- Blepharospasm
 botulinum toxin type A, 21
 botulinum toxin type B, 24
onabotulinum toxin A, 20
- Breakthrough pain (BTP)
fentanyl, 177
- Bulimia nervosa
 amitriptyline, 8
 fluoxetine, 186
 memantine, 286
- topiramate, 463
 venlafaxine, 482
 zonisamide, 496
- Burning mouth syndrome
 alpha lipoic acid (ALA), 501
 clonazepam, 81, 82
- Bursitis
 indomethacin, 232
 ketoprofen, 239
 naproxen, 351, 353
- Cancer pain
 clonidine, 85
 dronabinol, 150
 duloxetine, 154
fentanyl, 172, 177
 pamidronate disodium, 392
 venlafaxine, 482
- Carcinoid
 cyproheptadine, 102
- Cardiac arrhythmias. *See* Arrhythmias
- Cardiovascular disease. *See also specific conditions*
 alpha lipoic acid (ALA), 501
- Carnitine deficiency
 carnitine, 507
- Carotid endarterectomy
aspirin, 12
- Cataplexy syndrome
 clomipramine, 75
 imipramine, 226
- Cerebral palsy
 botulinum toxin type A, 20
 botulinum toxin type B, 24
- Cervical dystonia (CD)
botulinum toxin type A, 20, 21
botulinum toxin type B, 24, 25
- Charcot arthropathy
 pamidronate disodium, 392
- Chorea
 baclofen, 16
- Chronic daily headache (CDH)
 fluoxetine, 186
- Chronic kidney disease
 vitamin D, 513
- Cluster headache
 dihydroergotamine, 140
 indomethacin, 232
 pizotifen, 414
 sumatriptan, 439
 topiramate, 463
 valproic acid, 477
 verapamil, 486
 zolmitriptan, 493
- Cognitive dysfunction
 alpha lipoic acid (ALA), 501
 carnitine, 507

- Colds
dextromethorphan, 125
- Complex regional pain syndrome (CRPS)
 calcitonin, 47
 memantine, 286
 pamidronate disodium, 392
- Congestive heart failure
 propranolol, 420
 timolol, 454
- Constipation
 magnesium, 518
- Coronary artery bypass graft (CABG)
aspirin, 12
- Cosmesis
 botulinum toxin type A, 20
- Cough
 codeine, 90
dextromethorphan, 125
 hydrocodone, 205
 hydromorphone, 213
 oxycodone, 374
- CRMO (chronic recurrent multifocal osteitis)
 syndrome
 pamidronate disodium, 392
- Dementia
 memantine, 286
- Dementia with Lewy bodies (DLB)
 memantine, 286
- Depression
amitriptyline, 8
 carbamazepine, 55
 citalopram, 70
 clomipramine, 75
 desipramine, 109
 desvenlafaxine, 115
 doxepin, 143
duloxetine, 154
 escitalopram, 161
 fluoxetine, 186
 fluvoxamine, 192
 imipramine, 226
 lamotrigine, 250
 magnesium, 518
 maprotiline, 271
 methylphenidate, 314
 milnacipran, 322
 modafinil, 327, 330
 nortriptyline, 358
 paroxetine, 397
 sertraline, 430
 valproic acid, 477
venlafaxine, 482
- Dermatitis
 doxepin, 143
- Detrusor sphincter dyssynergia
 botulinum toxin type A, 20
- Diabetes
 magnesium, 518
- Diabetic foot ulcers
 folate with vitamins B₆ and B₁₂, 521
- Diabetic neuropathy
 alpha lipoic acid (ALA), 501
 amitriptyline, 8
 botulinum toxin type A, 20
 carnitine, 507
duloxetine, 154
folate with vitamins B₆ and B₁₂, 521
 pregabalin, 417
 venlafaxine, 482
- Dysmenorrhea
celecoxib, 63, 64
diclofenac, 132, 133
ibuprofen, 222
ketoprofen, 239
meclofenamate, 277
mefenamic acid, 280
 naproxen, 351, 353
- Dysphonia
 botulinum toxin type A, 20, 21
 botulinum toxin type B, 24, 25
- Dyspnea
 codeine, 90
 hydrocodone, 205
 hydromorphone, 213
 morphine, 331
 oxycodone, 374
- Dystonia
botulinum toxin type A, 20, 21
botulinum toxin type B, 24, 25
 diazepam, 128
onabotulinum toxin A, 20
- Eclampsia
 magnesium, 518
- Enuresis
 imipramine, 226
- Epilepsy. *See also* Seizures
 diazepam, 128, 129
 flunarizine, 183
 gabapentin, 201
 lacosamide, 247
levetiracetam, 256
oxcarbazepine, 370
 valproic acid, 477
- Essential tremor
 propranolol, 420
 topiramate, 463
- Facial pain
 gabapentin, 201
 pregabalin, 417

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- Fatigue
modafinil, 327
- Fever
acetaminophen, 1
aspirin, 12
ibuprofen, 222
naproxen, 351
- Fibromyalgia
amitriptyline, 8
coenzyme Q10, 510
cyclobenzaprine, 99
desvenlafaxine, 115
duloxetine, 154
gabapentin, 201
magnesium, 518
milnacipran, 322
modafinil, 327
pregabalin, 417
venlafaxine, 482
- Fractures
calcitonin, 47
- Gastroesophageal reflux disease
baclofen, 16
- Generalized anxiety disorder
citalopram, 70
desvenlafaxine, 115
duloxetine, 154
escitalopram, 161
fluoxetine, 186
fluvoxamine, 192
gabapentin, 201
paroxetine, 397
pregabalin, 417
propranolol, 420
sertraline, 430
venlafaxine, 482
- Glabella lines
botulinum toxin type B, 24
- Glaucoma
timolol, 454
- Glossopharyngeal neuralgia
carbamazepine, 55
- Gout
ketoprofen, 239
naproxen, 351, 352
- Gouty arthritis
indomethacin, 232
- Headaches. *See also* Cluster headache, Migraine,
Tension-type headaches
acetaminophen, 1
amitriptyline, 8
aspirin, 12
botulinum toxin type A, 20, 21
botulinum toxin type B, 24
celecoxib, 63
choline magnesium trisalicylate, 67
cyproheptadine, 102
diflunisal, 137
dihydroergotamine, 140
etodolac, 166
fenoprofen, 169
fluoxetine, 186
flurbiprofen, 189
ibuprofen, 222
indomethacin, 232
ketoprofen, 239
levetiracetam, 256
meclofenamate, 277
mefenamic acid, 280
meloxicam, 283
mexiletine, 319
nabumetone, 340
naproxen, 351
oxaprozin, 367
piroxicam, 411
salsalate, 427
sulindac, 436
tolmetin sodium, 460
- Hearing loss, noise-related
magnesium, 518
- Heart failure. *See also* Congestive heart
failure
magnesium, 518
- Heartburn
magnesium, 518
- Heat stroke
dantrolene, 106
- Hemicrania continua (HC)
indomethacin, 232, 233, 234
- Hemifacial spasm
botulinum toxin type A, 20
botulinum toxin type B, 24, 25
- Hemiplegia
flunarizine, 183
- Hiccups
baclofen, 16
- HIV dementia
memantine, 286
- Hot flashes
clonidine, 85
fluoxetine, 186
venlafaxine, 482
- Huntington's disease
baclofen, 16
- Hyperalgesia
gabapentin, 201
- Hypercalcemia
calcitonin, 47
- Hypercalcemia of malignancy
pamidronate disodium, 392

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- Hyperhidrosis
 botulinum toxin type A, 20
 botulinum toxin type B, 24
 cyproheptadine, 102
- Hyperhomocysteinemia
 folate with vitamins B₆ and B₁₂, 521
- Hypersalivation
 clonidine, 85
- Hypertension
 clonidine, 85
 magnesium, 518
 propranolol, 420
 timolol, 454
 verapamil, 486
- Hyperthyroidism
 propranolol, 420
- Hypertriglyceridemia
omega-3 fatty acids, 527
- Hypertrophic osteoarthropathy
 pamidronate disodium, 392
- Hypertrophic subaortic stenosis
 propranolol, 420
- Hypomagnesaemia
magnesium, 518
- Hypoparathyroidism
 vitamin D, 513
- Idiopathic intracranial hypertension
 topiramate, 463
- Incontinence
 botulinum toxin type A, 20
 duloxetine, 154
 venlafaxine, 482
- Infantile spasms
 valproic acid, 477
- Inflammation. *See also specific inflammatory conditions*
 acetaminophen, 1
 alpha lipoic acid (ALA), 501
 bromelain, 504
 celecoxib, 63
 choline magnesium trisalicylate, 67
 diflunisal, 137
 etodolac, 166
 fenoprofen, 169
 flurbiprofen, 189
 ibuprofen, 222
 ketoprofen, 239
 mefenamic acid, 280
 meloxicam, 283
 nabumetone, 340
 naproxen, 351
 omega-3 fatty acids, 527
 oxaprozin, 367
 palmitoylethanolamide (PEA), 530
piroxicam, 411
 salsalate, 427
 sulindac, 436
 tolmetin sodium, 460
- Insomnia
 amitriptyline, 8
 carisoprodol, 61
 clomipramine, 75
 clonazepam, 81
 cyproheptadine, 102
 desipramine, 109
 diazepam, 128
 doxepin, 143
 gabapentin, 201
 imipramine, 226
 maprotiline, 271
 nortriptyline, 358
 orphenadrine, 364
 tiagabine, 450
 venlafaxine, 482
- Irritable bowel syndrome
 diazepam, 128
- Jaundice, neonatal
 riboflavin (vitamin B₂), 533
- Joint stiffness and pain. *See also Musculoskeletal pain*
 omega-3 fatty acids, 527
- Juvenile myoclonic epilepsy
 valproic acid, 477
- Landau-Kleffner syndrome
 valproic acid, 477
- Lennox-Gastaut syndrome
clonazepam, 81
lamotrigine, 250
 topiramate, 463
 valproic acid, 477
- Lichen simplex chronicus
 doxepin, 143
- Limb dystonia
 botulinum toxin type A, 21
- Lumbar stenosis
 pamidronate disodium, 392
- Major depressive disorder
 desvenlafaxine, 115
duloxetine, 154
 escitalopram, 161
 fluoxetine, 186
 lamotrigine, 250
 milnacipran, 322
nortriptyline, 358
 paroxetine, 397
 sertraline, 430
- Male infertility
 carnitine, 507

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

Malignant hyperthermia

dantrolene, 106

Mania

carbamazepine, 55

diazepam, 128

lamotrigine, 250

levetiracetam, 256

pregabalin, 417

valproic acid, 477Menopausal flushing. *See* Hot flashes

Menstrual migraine

frovatriptan, 198

Menstrual pain

aspirin, 12

Metabolic syndrome

alpha lipoic acid (ALA), 501

Migraine

acetaminophen, 1

almotriptan, 5

alpha lipoic acid (ALA), 501

amitriptyline, 8

atenolol, 423

baclofen, 16

botulinum toxin type A, 20

coenzyme Q10, 510

cyproheptadine, 102

diclofenac, 132, 134

dihydroergotamine, 140

duloxetine, 154

eletriptan, 158

flunarizine, 183

fluoxetine, 186

frovatriptan, 198

gabapentin, 201

indomethacin, 232

lamotrigine, 250

magnesium, 518

memantine, 286

metoprolol, 423

nadolol, 423

naproxen, 353

naratriptan, 355

pizotifen, 414

pregabalin, 417

propranolol, 420

riboflavin (vitamin B₂), 533

rizatriptan, 424

sumatriptan, 439

timolol, 423, 454

tizanidine, 457

topiramate, 463

valproic acid, 477

venlafaxine, 482

verapamil, 486

zolmitriptan, 493

zonisamide, 496

Mitochondrial disorders

coenzyme Q10, 510

Multiple sclerosis

alpha lipoic acid (ALA), 501

baclofen, 16

Muscle contracture

botulinum toxin type A, 20

Muscle relaxation

diazepam, 128

Muscle spasm

carisoprodol, 61

cyclobenzaprine, 99

methocarbamol, 311

orphenadrine, 364

tizanidine, 457

Musculoskeletal pain

acetaminophen, 1

aspirin, 12**carisoprodol**, 61

celecoxib, 63

choline magnesium trisalcylate,
67

dantrolene, 106

diflunisal, 137

duloxetine, 154

etodolac, 166

fenoprofen, 169

flurbiprofen, 189

ibuprofen, 222

ketoprofen, 239

meclofenamate, 277

mefenamic acid, 280

meloxicam, 283

metaxalone, 298**methocarbamol**, 311

nabumetone, 340

naproxen, 351

omega-3 fatty acids, 527

orphenadrine, 364

oxaprozin, 367

piroxicam, 411

salsalate, 427

sulindac, 436

tizanidine, 457

tolmetin sodium, 460

Myocardial infarction (MI)

aspirin, 12

propranolol, 420

timolol, 454

Myofascial pain

botulinum toxin type A, 20

botulinum toxin type B, 24

cyclobenzaprine, 99

tizanidine, 457

Myotonia

mexiletine, 319

- Narcolepsy
methylphenidate, 314
modafinil, 327
- Nausea
 diazepam, 128
dronabinol, 150, 151
- Neck pain
 amitriptyline, 8
 cyclobenzaprine, 99
 tizanidine, 457
- Neuroleptic malignant syndrome
 dantrolene, 106
- Neuropathic pain
 alpha lipoic acid (ALA), 501
 baclofen, 16
 carnitine, 507
 desipramine, 109
 dextromethorphan, 125
 doxepin, 143
 dronabinol, 150
 gabapentin, 201
 imipramine, 226
 ketamine, 235
 lacosamide, 247
 lamotrigine, 250
 levetiracetam, 256
 maprotiline, 271
 memantine, 286
 milnacipran, 322
 nortriptyline, 358
 oxcarbazepine, 370
 pregabalin, 417
 tiagabine, 450
 zonisamide, 496
- Nightmares
 cyproheptadine, 102
- Nocturnal enuresis
 amitriptyline, 8
- Nystagmus
 baclofen, 16
 botulinum toxin type A, 20
- Obesity
 topiramate, 463
 zonisamide, 496
- Obsessive-compulsive disorder (OCD)
 citalopram, 70
 clomipramine, 75
 escitalopram, 161
 fluoxetine, 186
 fluvoxamine, 192
 paroxetine, 397
 sertraline, 430
- Obstructive sleep apnea/hypopnea syndrome (OSAHS)
modafinil, 327, 330
- Ocular hypertension
 timolol, 454
- Ocular pain
ketorolac, 243
- Opioid addiction
 buprenorphine, 27
methadone, 300
- Opioid withdrawal
 clonidine, 85
 diazepam, 128
- Opioid-related drowsiness
 methylphenidate, 314
 modafinil, 327
- Oromandibular dystonia
botulinum toxin type A, 21
- Oscillopsia
 botulinum toxin type A, 20
- Osteoarthritis
 acetaminophen, 1
Arthrotec[®], 132
 calcitonin, 47
celecoxib, 63, 64
choline magnesium trisalicylate, 67
diclofenac, 132, 133, 135
etodolac, 166
fenoprofen, 169
flurbiprofen, 189
ibuprofen, 222
 indomethacin, 232
ketoprofen, 239
meclofenamate, 277
 mefenamic acid, 280
meloxicam, 283
nabumetone, 340
naproxen, 351, 353
oxaprozin, 367
 piroxicam, 411
salsalate, 427
sulindac, 436
tolmetin sodium, 460
- Osteogenesis imperfecta
 pamidronate disodium, 392
- Osteogenesis imperfecta tarda
calcitonin, 47
- Osteolytic lesions
pamidronate disodium, 392
- Osteomalacia
vitamin D, 513
- Osteoporosis
calcitonin, 47
 magnesium, 518
 pamidronate disodium, 392
- Oxidative stress
 alpha lipoic acid (ALA), 501
 carnitine, 507

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- Paget's disease
calcitonin, 47
pamidronate disodium, 392
- Pain. *See also specific types of pain*
acetaminophen, 1
aspirin, 12
baclofen, 16
bromelain, 504
buprenorphine, 27
butorphanol, 38
calcitonin, 47
capsaicin, 51
carnitine, 507
celecoxib, 63, 64
choline magnesium trisalicylate, 67
clomipramine, 75
codeine, 90
desipramine, 109
dexmedetomidine, 120
dextromethorphan, 125
diclofenac, 132, 133, 135
diflunisal, 137
doxepin, 143
etodolac, 166
fenoprofen, 169
fentanyl, 172
flurbiprofen, 189
hydrocodone, 205
hydromorphone, 213
ibuprofen, 222
imipramine, 226
ketamine, 235
ketoprofen, 239
ketorolac, 243, 244
lamotrigine, 250
lidocaine, 267
maprotiline, 271
meclofenamate, 277
mefenamic acid, 280
meloxicam, 283
meperidine/pethidine, 289
metaxalone, 298
methadone, 300
methocarbamol, 311
mexiletine, 319
milnacipran, 322
morphine, 331
nabumetone, 340
nalbuphine, 343
naproxen, 351, 353
nortriptyline, 358
oxaprozin, 367
oxycodone, 374
oxymorphone, 383, 386
palmitoylethanolamide (PEA), 530
pamidronate disodium, 392
pentazocine, 403
piroxicam, 411
salsalate, 427
sulindac, 436
tapentadol, 442
tiagabine, 450
tolmetin sodium, 460
tramadol, 467
ziconotide, 489
- Palmar hyperhidrosis
botulinum toxin type A, 20
- Panic disorder
citalopram, 70
clonazepam, 81, 82
desvenlafaxine, 115
diazepam, 128, 129
escitalopram, 161
fluoxetine, 186
fluvoxamine, 192
paroxetine, 397
pregabalin, 417
sertraline, 430
venlafaxine, 482
- Parkinson's disease
coenzyme Q10, 510
zonisamide, 496
- Parkinsonian tremor
propranolol, 420
- Patent ductus arteriosus (PDA)
ibuprofen, 222
- Perineal pain, postpartum
acetaminophen, 1
- Periodontal disease
coenzyme Q10, 510
- Peripheral neuropathy
amitriptyline, 8
capsaicin, 51
duloxetine, 154
fluoxetine, 186
folate with vitamins B₆ and B₁₂, 521
mexiletine, 319
pregabalin, 417
venlafaxine, 482
- Peyronie's disease
carnitine, 507
- Phantom limb pain
amitriptyline, 8
calcitonin, 47
- Pheochromocytoma
propranolol, 420
- Pleurisy
aspirin, 12
- Postherpetic neuralgia (PHN)
amitriptyline, 8

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- capsaicin**, 51
- gabapentin, 201
- pregabalin, 417
- Posthypoxic myoclonus
 - valproic acid, 477
- Postoperative dental pain
 - diflunisal**, 137
 - tolmetin sodium**, 460
- Postoperative pain
 - acetaminophen, 1
 - calcitonin, 47
 - diclofenac, 132
 - fentanyl**, 172
 - ketoprofen, 239
 - ketorolac**, 243
- Posttraumatic stress disorder (PTSD)
 - citalopram, 70
 - clonidine, 85
 - cyproheptadine, 102
 - desvenlafaxine, 115
 - escitalopram, 161
 - fluoxetine, 186
 - fluvoxamine, 192
 - paroxetine, 397
 - propranolol, 420
 - sertraline, 430
 - venlafaxine, 482
- Preeclampsia
 - diazepam, 128
 - magnesium, 518
- Premature labor prevention
 - indomethacin, 232
- Premedication
 - butorphanol**, 38
 - dexmedetomidine, 120
 - diazepam, 128
 - meperidine/pethidine, 289
 - nalbuphine, 343
 - pentazocine, 403
- Premenstrual dysphoric disorder (PMDD)
 - citalopram, 70
 - desvenlafaxine, 115
 - escitalopram, 161
 - fluoxetine, 186
 - paroxetine, 397
 - sertraline, 430
- Premenstrual syndrome (PMS)
 - magnesium, 518
- Pruritus
 - doxepin, 143
- Pseudobulbar affect
 - amitriptyline, 8
- Psychosis
 - carbamazepine, 55
 - valproic acid, 477
- Pulmonary edema
 - morphine, 331
 - oxymorphone, 383
- Raynaud phenomenon
 - fluoxetine, 186
- Restless legs syndrome (RLS)
 - clonazepam, 81, 82
 - magnesium, 518
- Revascularization procedures
 - aspirin**, 12
- Rheumatic conditions
 - aspirin**, 12
- Rheumatoid arthritis
 - Arthrotec®**, 132
 - celecoxib**, 63, 64
 - choline magnesium trisalicylate**, 67
 - diclofenac**, 132, 133
 - etodolac**, 166
 - fenoprofen**, 169
 - flurbiprofen**, 189
 - ibuprofen**, 222
 - indomethacin, 232
 - ketoprofen**, 239
 - meclofenamate**, 277
 - mefenamic acid, 280
 - meloxicam**, 283
 - nabumetone**, 340
 - naproxen**, 351, 353
 - oxaprozin**, 367
 - pamidronate disodium, 392
 - piroxicam**, 411
 - salsalate**, 427
 - sulindac**, 436
 - tolmetin sodium**, 460
- Rickets
 - vitamin D**, 513
- SAPHO (synovitis, acne, pustulosis, hyperostosis, and osteitis) syndrome
 - pamidronate disodium, 392
- Schizophrenia
 - carbamazepine, 55
 - valproic acid, 477
- Seasonal allergic conjunctivitis
 - ketorolac**, 243
- Sedation
 - dexmedetomidine**, 120, 121
 - ketamine, 235
- Seizures
 - carbamazepine, 55
 - clonazepam**, 81
 - diazepam, 128, 129
 - gabapentin, 201
 - lacosamide**, 247

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

Seizures (cont.)

- lamotrigine**, 250
- levetiracetam**, 256
- oxcarbazepine**, 370
- pregabalin, 417
- tiagabine**, 450
- topiramate, 463
- valproic acid**, 477
- zonisamide**, 496
- Serotonin syndrome
 - cyproheptadine, 102
 - pizotifen, 414
- Sexual dysfunction
 - cyproheptadine, 102
- Shift-work sleep disorder
 - modafinil**, 327, 330
- Shivering
 - dexmedetomidine, 120
 - meperidine/pethidine, 289
- Shoulder pain
 - choline magnesium trisalicylate, 67
 - indomethacin, 232
- Sialorrhea
 - botulinum toxin type A, 20, 21
 - botulinum toxin type B, 24, 25
- Sleepiness
 - modafinil**, 327
- Social anxiety disorder
 - citalopram, 70
 - clonidine, 85
 - desvenlafaxine, 115
 - escitalopram, 161
 - fluvoxamine, 192
 - paroxetine, 397
 - sertraline, 430
 - venlafaxine**, 482
- Spasticity
 - baclofen**, 16
 - botulinum toxin type A**, 20, 21
 - botulinum toxin type B, 24
 - dantrolene**, 106
 - diazepam, 128, 129
 - metaxalone, 298
 - tizanidine**, 457
- Spinal cord diseases
 - baclofen**, 16
- Spinal muscular atrophy
 - valproic acid, 477
- Spinal stenosis
 - calcitonin, 47
- Spondyloarthritis
 - aspirin**, 12
- Spondylosis
 - pamidronate disodium, 392
- Status epilepticus
 - diazepam, 128, 129
 - levetiracetam, 256
 - valproic acid, 477
- Status migrainosus
 - dihydroergotamine, 140
 - valproic acid, 477
- Stiff person syndrome
 - diazepam, 128
- Strabismus
 - botulinum toxin type B, 24
 - onabotulinum toxin A**, 20
- Stroke
 - aspirin**, 12
 - botulinum toxin type A, 20
 - botulinum toxin type B, 24
- Substance withdrawal
 - clonidine, 85
 - dexmedetomidine, 120
 - diazepam, 128
 - gabapentin, 201
- SUNCT (short-lasting unilateral neuralgiform headache with conjunctival injection and tearing)
 - lamotrigine, 250
- Systemic lupus erythematosus
 - aspirin**, 12
- Tardive dyskinesia
 - baclofen, 16
- Temporomandibular joint dysfunction
 - botulinum toxin type A, 20
- Tendonitis
 - indomethacin, 232
 - ketoprofen, 239
 - naproxen, 351, 353
- Tension-type headaches
 - amitriptyline, 8
 - cyproheptadine, 102
 - duloxetine, 154
 - indomethacin, 232
 - venlafaxine, 482
- Tetanus
 - diazepam, 128
- Tetralogy of Fallot
 - propranolol, 420
- Tics
 - botulinum toxin type A, 20
 - clonazepam, 81, 82
 - clonidine, 88
- Tinnitus
 - flunarizine, 183
- Toothache
 - aspirin**, 12
- Torticollis
 - botulinum toxin type A, 20
 - botulinum toxin type B, 24
- Tourette syndrome
 - baclofen, 16

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- clonidine, 85, 88
- flunarizine, 183
- Toxemia of pregnancy
 - aspirin, 12
- Transient ischemic attack (TIA)
 - aspirin**, 12
- Tremor
 - propranolol, 420
 - topiramate, 463
- Trigeminal neuralgia
 - baclofen, 16
 - carbamazepine, 55
 - clonazepam, 81, 82
 - lamotrigine, 250
 - oxcarbazepine, 370
 - tizanidine, 457
- Variceal bleeding
 - propranolol, 420
 - timolol, 454
- Vascular dementia
 - memantine, 286
- Vasomotor symptoms
 - desvenlafaxine, 115
- Vasospasm
 - flunarizine, 183
- Vertebral fractures
 - calcitonin, 47
- Vertigo
 - diazepam, 128
 - flunarizine, 183
- Vitamin D deficiency
 - vitamin D, 513
- Vomiting
 - cyproheptadine, 102
 - diazepam, 128
 - dronabinol**, 150, 151
- Weight loss
 - carnitine, 507
- West syndrome
 - valproic acid, 477
- Wound healing
 - alpha lipoic acid (ALA), 501
- Writer's cramp
 - botulinum toxin type A, 20
 - botulinum toxin type B, 24

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

Index by class

- Alpha-2 agonists
 - clonidine, 85
 - dexmedetomidine, 120
 - tizanidine, 457
- Antiarrhythmics
 - mexiletine, 319
- Antidepressants. *See also* Tricyclic antidepressants (TCAs)
 - citalopram, 70
 - desvenlafaxine, 115
 - duloxetine, 154
 - escitalopram, 161
 - fluoxetine, 186
 - fluvoxamine, 192
 - paroxetine, 397
 - sertraline, 430
 - venlafaxine, 482
- Antiepileptic drugs (AEDs)
 - carbamazepine, 55
 - clonazepam, 86
 - diazepam, 128
 - gabapentin, 201
 - lacosamide, 247
 - lamotrigine, 250
 - levetiracetam, 256
 - oxcarbazepine, 370
 - pregabalin, 417
 - tiagabine, 450
 - topiramate, 463
 - valproic acid, 477
 - zonisamide, 496
- Antihistamines
 - cycloheptadine, 102
 - flunarizine, 183
 - pizotifen, 414
- Antihypertensives
 - clonidine, 85
 - flunarizine, 183
 - propranolol, 420
 - timolol, 454
 - verapamil, 486
- Anti-inflammatory drugs
 - aspirin, 12
 - bromelain, 504
 - N*-acetylcysteine (NAC), 524
 - palmitoylethanolamide (PEA), 530
- Antineuralgics
 - carbamazepine, 55
- Anti-neuropathic pain supplements
 - alpha lipoic acid (ALA), 501
 - carnitine, 507
 - N*-acetylcysteine (NAC), 524
 - palmitoylethanolamide (PEA), 530
- Antioxidants
 - alpha lipoic acid (ALA), 501
 - carnitine, 507
 - N*-acetylcysteine (NAC), 524
- Anti-platelet agents
 - aspirin, 12
- Antiserotonins
 - pizotifen, 414
- Benzodiazepines
 - clonazepam, 81
 - diazepam, 128
- Beta-blockers
 - propranolol, 420
 - timolol, 454
- Bisphosphonates
 - pamidronate disodium, 392
- Calcium channel blockers
 - flunarizine, 183
 - verapamil, 486
- Cannabinoid agonists
 - dronabinol, 150
- Conopeptides
 - ziconotide, 496
- COX-2-selective inhibitors
 - celecoxib, 63
 - meclofenamate, 277
 - mefenamic acid, 280
- Ergots
 - dihydroergotamine, 140
- Essential fatty acids
 - omega-3 fatty acids, 527
- Local anesthetic agents
 - lidocaine, 267
- Metals
 - magnesium, 518
- Mood stabilizers
 - lamotrigine, 250
- Muscle relaxants
 - baclofen, 16
 - carisoprodol, 61
 - cyclobenzaprine, 99
 - dantrolene, 106
 - metaxalone, 298
 - methocarbamol, 311

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

- Muscle relaxants (cont.)
 - orphenadrine, 364
 - tizanidine, 457
- Neuromuscular drugs
 - dantrolene, 106
- Neurotoxins
 - botulinum toxin type A, 20
 - botulinum toxin type B, 24
- NMDA receptor antagonists
 - dextromethorphan, 125
 - ketamine, 235
 - memantine, 286
- Nonopioid analgesics
 - acetaminophen, 1
- Nonsteroidal anti-inflammatory drugs (NSAIDs)
 - aspirin, 12
 - celecoxib, 63
 - choline magnesium trisalicylate, 67
 - diflunisal, 137
 - etodolac, 166
 - fenoprofen, 169
 - ibuprofen, 222
 - indomethacin, 232
 - ketoprofen, 239
 - ketorolac, 243
 - meclofenamate, 277
 - mefenamic acid, 280
 - meloxicam, 283
 - nabumetone, 340
 - naproxen, 351
 - oxaprozin, 367
 - piroxicam, 411
 - salsalate, 427
 - sulindac, 436
 - tolmetin sodium, 460
- Norepinephrine/noradrenaline reuptake inhibitors
 - clomipramine, 75
 - desipramine, 109
 - desvenlafaxine, 115
 - doxepin, 143
 - duloxetine, 154
 - imipramine, 226
 - milnacipran, 322
 - nortriptyline, 358
 - venlafaxine, 482
- Opioids
 - buprenorphine, 27
 - butorphanol, 38
 - codeine, 90
 - fentanyl, 172
 - hydrocodone, 205
 - hydromorphone, 213
 - levorphanol, 259
 - meperidine/pethidine, 289
 - methadone, 300
 - morphine, 331
 - nalbuphine, 343
 - oxycodone, 374
 - oxymorphone, 383
 - pentazocine, 403
 - tapentadol, 442
 - tramadol, 467
- Polypeptide hormones
 - calcitonin, 447
- Selective GABA reuptake inhibitors (SGRIs)
 - tiagabine, 450
- Selective serotonin reuptake inhibitors (SSRIs)
 - citalopram, 70
 - escitalopram, 161
 - fluoxetine, 186
 - fluvoxamine, 192
 - paroxetine, 397
 - sertraline, 430
- Serotonin reuptake inhibitors. *See also* Selective serotonin reuptake inhibitors (SSRIs)
 - clomipramine, 75
 - desvenlafaxine, 115
 - doxepin, 143
 - duloxetine, 154
 - imipramine, 226
 - milnacipran, 322
 - venlafaxine, 482
- Stimulants
 - methylphenidate, 314
- Sulfonamides
 - zonisamide, 496
- Tetracyclic antidepressants
 - maprotiline, 271
- Transient receptor potential vanilloid (TRPV)-1 channel agonists
 - capsaicin, 51
- Tricyclic antidepressants (TCAs)
 - amitriptyline, 8
 - clomipramine, 75
 - desipramine, 109
 - doxepin, 143
 - imipramine, 226
 - maprotiline, 271
 - nortriptyline, 358
- Triptans
 - almotriptan, 5
 - eletriptan, 158
 - frovatriptan, 198
 - naratriptan, 355
 - rizatriptan, 424

Cambridge University Press

978-0-521-75910-6 - Essential Pain Pharmacology: The Prescriber's Guide

Howard S. Smith and Marco Pappagallo

Index

[More information](#)

sumatriptan, 439

zolmitriptan, 493

Vitamins

folate with B₆ and B₁₂, 521

riboflavin (B₂), 433

vitamin D, 513

Voltage-sensitive sodium channel antagonists

carbamazepine, 55

lamotrigine, 250

oxcarbazepine, 370

Wake-promoting drugs

modafinil, 327