**Supplemental Content 3. Drug Identification Numbers of included non-opioid analgesics**

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| --- | --- | --- | --- |
| Category | Drug Name | Routes | Drug Identification Numbers |
| NSAID | Celecoxib | Capsule | 02239941, 02239942, 02288915, 02288923, 02355442, 02355450, 02412373, 02412381, 02412497, 02412500, 02420058, 02420155, 02420163, 02426390, 02429675, 02429683, 02435632, 02435640, 02479737, 02479745, 02420066, 02424533, 02424541, 02442639, 02442647, 02445670, 02445689, 02418932, 02418940, 02291975, 02291983, 02321246, 02321254, 02399881, 02423278 |
| NSAID | Diclofenac | Capsule  Suppository | 02048698, 02158582, 00632724, 00632732, 02231506, 02231508, 02261928, 02261936, 02261960, 02302616, 02302624, 00514004, 00514012, 00808539, 00808547, 00839175, 00839183, 00590827, 00782459, 02091194, 02162814, 02231504, 02231505, 02261901, 02261944, 02174677, 02174685, 02237786, 02237787, 02241224, 02241225, 00886017, 00886025, 01910175, 01910183, 02231502, 02231503, 02228203, 02228211, 01917056, 02229837, 02341689, 02341697, 02397145, 02413469, 02413477, 02397153 |
| NSAID | Naproxen | Capsule  Suppository | 02162431, 02017237, 02162458, 00299413, 00522651, 00522678, 00565350, 00589861, 00592277, 00600806, 00627097, 02162474, 02162482, 02162490, 02350750, 02350769, 02350777, 02162415, 02162423, 00587923, 00531022, 00756814, 02229690, 02230477, 00335193, 00525537, 00565369, 00583367, 00615307, 00615315, 00615323, 00615331, 00865621, 00865648, 00865656, 00865664, 00788767, 02177072, 02231327, 00491772 |
| NSAID | Ibuprofen | Oral | 00327794, 00252409, 00484911, 00364142, 00441643, 00441651, 00506052, 00585114, 00629324, 00629359, 00443182, 00443190, 00443204, 00606197, 00606200, 00606219, 00606227, 00629332, 00629340, 09857737, 09857734, 09857736 |
| NSAID | Ketoprofen | Oral  Suppository | 00336440, 01926403, 00761664, 00790427, 02150808, 01913050, 01913069, 00499544, 00761699, 01926411, 02015951, 02156083, 02165481, 00566888, 00663735, 01926365, 00761672, 00761680, 00790435, 00842664, 01926381, 01981528, 01981536, 02150816, 02150824, 00817201, 01926373, 02031175, 02172577 |
| NSAID | Ketorolac | Oral | 02162660, 00864048, 02230201 |
| NSAID | Meloxicam | Oral | 02242785, 02242786, 02248267, 02248268, 02248973, 02248974, 02250012, 02250020, 02258315, 02258323, 02390884, 02390892, 02247889, 02248031, 02248607, 02248608, 02255987, 02255995, 02353148, 02353156 |
| Acetaminophen | Acetaminophen | Oral  Suppository | 02229873, 02229977, 00631353, 00642401, 02027801, 01919385, 01919393, 01919407, 02230434, 02230436, 02230437, 00013668, 00293482, 00389218, 00482323, 00544981, 00545007, 00291412, 00658049, 01934805, 00553328, 00553336, 00646156, 02046660, 02046687, 02046695, 09857143, 09857144, 00559393, 00277193, 00330876, 00373710, 00446114, 00522511, 00524891, 00361046, 00374148, 00567663, 00589233, 00589241, 00594814, 01928244, 01928260 |
| Gabapentin/Pregabalin | Gabapentin | Oral  Suppository  Suspension | 02084260, 02084279, 02084287, 02243446, 02243447, 02243448, 02244304, 02244305, 02244306, 02244513, 02244514, 02244515, 02246314, 02246315, 02246316, 02256142, 02256150, 02256169, 02260905, 02319055, 02319063, 02319071, 02321203, 02321211, 02321238, 02353245, 02353253, 02353261, 02361469, 02361485, 02361493, 02391473, 02391481, 02391503, 02416840, 02416859, 02416867, 02431408, 02431416, 02431424, 02248457, 02255898, 02293358, 02248259, 02248260, 02248261, 02260883, 02260891, 02273853, 02285819, 02285827, 02285835, 02332582, 02332590, 02332604, 02477912, 09857209, 09857210, 09857211, 09857244, 09857245, 09857246, 09857247, 09857248, 09857250, 09857251, 09857252, 09857253, 09857254, 09857255, 09857256, 09857258, 09857259, 09857260, 09857261, 09857262, 09857263, 09857264, 09854638, 09852549, |
| Gabapentin/Pregabalin | Pregabalin | Oral | 02268418, 02268426, 02268434, 02268450, 02268485, 02359596, 02359618, 02359626, 02359634, 02359642, 02361159, 02361175, 02361183, 02361205, 02361248, 02390817, 02390825, 02390833, 02390841, 02390868, 02392801, 02392828, 02392836, 02392844, 02392860, 02394235, 02394243, 02394251, 02394278, 02394294, 02402912, 02402920, 02402939, 02402955, 02402998, 02403692, 02403706, 02403714, 02403722, 02405539, 02405547, 02405555, 02405563, 02405598, 02479125, 02479133, 02479168, 02480735, 02480743, 02480751, 02494841, 02494868, 02494876, 02494884, 02494906, 02417529, 02417537, 02417545, 02417561, 02417618, 02423804, 02423812, 02424185, 02424207, 02433869, 02433877, 02433885, 02433907, 02435977, 02435985, 02435993, 02436000, 02436019, 02360136, 02360144, 02360152, 02360179, 02360209, 02382210, 02382229, 02382237, 02382245, 02382253, 02408651, 02408678, 02408686, 02408694, 02408708 |
| Chronic Pain Adjunct | Amitriptyline | Oral | 00016306, 00335053, 00335061, 00335088, 00654507, 00654515, 02326043, 02326051, 02326078, 02429861, 02429888, 02429896, 00016322, 00016330, 00016349, 00037400, 00037419, 00037427, 00377872, 00377880, 00377899 |
| Chronic Pain Adjunct | Nortriptyline | Oral | 02240789, 02240790, 00015229, 00015237, 02177692, 02177706, 02223139, 02223147, 02223511, 02223538, 02230361, 02230362, 02231686, 02231687, 02231781, 02231782 |
| Chronic Pain Adjunct | Desipramine | Oral | 00010448, 00353868, 00353876, 00425265, 00776157, 01946242, 01946269, 01946277, 01948776, 01948784, 01948792, 01948806, 02024896, 02024918, 02024926, 02099128, 02099136, 02211947, 02211955, 02211963, 02216248, 02216256, 02216264, 02216272, 02223325, 02223333, 02223368 |
| Chronic Pain Adjunct | Duloxetine | Oral | 02429446, 02429454, 02440423, 02440431, 02301482, 02301490, 02456753, 02456761, 02436647, 02436655, 02437082, 02437090, 02438259, 02438267, 02438984, 02438992, 02439948, 02439956, 02446081, 02446103, 02451913, 02451921, 02453630, 02453649, 02482126, 02482134, 02490889, 02490897, 02426633, 02426641 |
| Chronic Pain Adjunct | Venlafaxine | Oral | 02380072, 02380080, 02380099, 02237279, 02237280, 02237282, 02275023, 02275031, 02275058, 02278545, 02278553, 02278561, 02304317, 02304325, 02304333, 02310317, 02310325, 02310333, 02331683, 02331691, 02331705, 02354713, 02354721, 02354748, 02385929, 02385937, 02385945, 02452839, 02452847, 02452855, 02273969, 02273977, 02273985, 02310279, 02310287, 02310295, 02360020, 02360039, 02360047, 02103680, 02103702 |
| Chronic Pain Adjunct | Baclofen | Oral | 00455881, 00636576, 02063735, 02063743, 02088398, 02088401, 02139332, 02139391, 02236507, 02236508, 02287021, 02287048, 02457067, 02457075, 02413620, 02413639, 02413647, 00808520, 00849456, 02136090, 02136104, 02229936, 02229937, 02230033, 02230034, 02236963 |
| Chronic Pain Adjunct | Cyclobenzaprine | Oral | 00782742, 02080052, 02177145, 02212048, 02171848, 02174618 |
| Chronic Pain Adjunct | Nabilone | Oral | 00548375, 02256193, 02312263, 02358077, 02380900, 02380919, 02384884, 02384892, 02392925, 02393581, 02393603, 02358085, 02358093 |