**Deprescription Search Strategy**

All Studies before duplicate removal: 917

All Studies after duplicate removal: 687

**PubMed Search – Run 02/18/2020**

|  |  |  |
| --- | --- | --- |
| Search | Query | Items Found |
| 1 | (Analgesics, opioid[mesh] OR Opioid related disorders[mesh] OR Opium dependence[mesh] OR Heroin dependence[mesh] OR Morphine dependence[mesh] OR Buprenorphine[mesh] OR Methadone[mesh] OR Morphine[mesh] OR Chronic Pain/drug therapy[mesh] OR narcotic-analgesic-agent[tiab] OR opiate[tiab] OR opiates[tiab] OR opioid[tiab] OR opioids[tiab] OR opioid-related[tiab] OR diamorphine[tiab] OR heroin[tiab] OR addnok[tiab] OR belbuca[tiab] OR buprenex[tiab] OR buprenophine[tiab] OR buprenorfina[tiab] OR buprenorphine[tiab] OR butrans[tiab] OR norphin[tiab] OR norspan[tiab] OR probuphine[tiab] OR subutex[tiab] OR temgesic[tiab] OR tidigesic[tiab] OR butorphanol[tiab] OR codeine[tiab] OR methylmorphine[tiab] OR morphine-monomethyl-ether[tiab] OR dihydrocodeine[tiab] OR hydrocodeine[tiab] OR hydrocodin[tiab] OR nadeine[tiab] OR paracodin[tiab] OR alpha-hydrocodol[tiab] OR dihydromorphine[tiab] OR hydromorphine[tiab] OR abstral[tiab] OR duragesic[tiab] OR durogesic[tiab] OR durotep[tiab] OR fentanest[tiab] OR fentanil[tiab] OR fentanyl[tiab] OR fentora[tiab] OR lazanda[tiab] OR matrifen[tiab] OR pecfent[tiab] OR phentanyl[tiab] OR subsys[tiab] OR dicodid[tiab] OR dihydrocodeinone[tiab] OR hycodan[tiab] OR hycon[tiab] OR hydrocodone[tiab] OR dihydromorphinone[tiab] OR dilaudid[tiab] OR exalgo[tiab] OR hydromorph-[tiab] OR hydromorphone[tiab] OR jurnista[tiab] OR palladone[tiab] OR levorphan[tiab] OR levorphanol[tiab] OR demerol[tiab] OR dolantin[tiab] OR dolcontral[tiab] OR dolosal[tiab] OR dolsin[tiab] OR isonipecaine[tiab] OR lydol[tiab] OR meperidine[tiab] OR pethidin[tiab] OR pethidine[tiab] OR pethidinum[tiab] OR petidin[tiab] OR petidina[tiab] OR sauteralgyl[tiab] OR amidon[tiab] OR amidone[tiab] OR dextromethadone[tiab] OR diaminon[tiab] OR dolophine[tiab] OR heptadone[tiab] OR heptanon[tiab] OR metadona[tiab] OR metadone[tiab] OR methadon[tiab] OR methadona[tiab] OR phenadone[tiab] OR polamidone[tiab] OR polamivet[tiab] OR methadone[tiab] OR avinza[tiab] OR bromanyl[tiab] OR depodur[tiab] OR dimetane[tiab] OR infumorph[tiab] OR kadian[tiab] OR morphine[tiab] OR triacin[tiab] OR nalbuphine[tiab] OR nubain[tiab] OR opium[tiab] OR codeinone[tiab] OR combunox[tiab] OR dihydrohydroxycodeinone[tiab] OR dihydrone[tiab] OR dihydroxycodeinone[tiab] OR endine[tiab] OR endone[tiab] OR eucodal[tiab] OR oxanest[tiab] OR oxicon[tiab] OR oxicone[tiab] OR oxycodeinon[tiab] OR oxycodeinone[tiab] OR oxycodon[tiab] OR oxycone[tiab] OR oxycontin[tiab] OR oxynorm[tiab] OR pancodone[tiab] OR percodan[tiab] OR remoxy[tiab] OR roxicodone[tiab] OR oxycodone[tiab] OR oxymorphone[tiab] OR pentazocine[tiab] OR talacen[tiab] OR talwin[tiab] OR contramid[tiab] OR ralivia[tiab] OR tradonal[tiab] OR tramadol[tiab] OR ultram[tiab] OR zytram[tiab] OR darvon[tiab] OR dextropropoxyphene[tiab] OR propoxyphene[tiab] OR nucynta[tiab] OR tapentadol[tiab] OR acetylmethadol[tiab] OR alfentanil[tiab] OR alphaprodine[tiab] OR carfentanil[tiab] OR dextromoramide[tiab] OR dezocine[tiab] OR phenazocine[tiab] OR phenoperidine[tiab] OR promedol[tiab] OR remifentanil[tiab] OR sufentanil[tiab] OR tilidine[tiab] OR trimeperidine[tiab] OR percocet[tiab] OR vicodin[tiab]) | 198,358 |
| 2 | (Benzodiazepines[mesh] OR Hypnotics and Sedatives[mesh] OR Sleep Aids, Pharmaceutical[mesh] OR Sleep Initiation and Maintenance Disorders/drug therapy[mesh] OR Alprazolam[mesh] OR Benzodiazepinones[mesh] OR Chlordiazepoxide[mesh] OR Clobazam[mesh] OR Clorazepate Dipotassium[mesh] OR Estazolam[mesh] OR Medazepam[mesh] OR Midazolam[mesh] OR Olanzapine[mesh] OR Triazolam[mesh] OR BZD[tiab] OR cm-6912[tiab] OR ethyl-loflazepate[tiab] OR wy-3498[tiab] OR z-drugs[tiab] OR abecarnil[tiab] OR adinazolam[tiab] OR alprazolam[tiab] OR arfendazam[tiab] OR bentazepam[tiab] OR benzodiazepin\*[tiab] OR bretazenil[tiab] OR bromazepam[tiab] OR brotizolam[tiab] OR camazepam[tiab] OR chlorazepate[tiab] OR chlordesmethyldiazepam[tiab] OR chlordiazepoxide[tiab] OR cinolazepam[tiab] OR clobazam[tiab] OR clonazepam[tiab] OR clorazepate[tiab] OR clorazepate dipotassium[tiab] OR clotiazepam[tiab] OR cloxazolam[tiab] OR cm‐6912[tiab] OR dealkylflurazepam[tiab] OR delorazepam[tiab] OR demoxepam[tiab] OR desmethyldiazepam[tiab] OR desoxydemoxepam[tiab] OR devazepide[tiab] OR diazepam[tiab] OR doxefazepam[tiab] OR estazolam[tiab] OR eszopiclone[tiab] OR etizolam[tiab] OR fludiazepam[tiab] OR flunitrazepam[tiab] OR flurazepam[tiab] OR flutoprazepam[tiab] OR fosazepam[tiab] OR gidazepam[tiab] OR girisopam[tiab] OR halazepam[tiab] OR haloxazolam[tiab] OR hypnotics[tiab] OR ketazolam[tiab] OR loflazepate[tiab] OR loprazolam[tiab] OR lorazepam[tiab] OR lormetazepam[tiab] OR meclonazepam[tiab] OR medazepam[tiab] OR metaclazepam[tiab] OR mexazolam[tiab] OR midazolam[tiab] OR nerisopam[tiab] OR nimetazepam[tiab] OR nitrazepam[tiab] OR norchlordiazepoxide[tiab] OR norclobazam[tiab] OR nordazepam[tiab] OR norfludiazepam[tiab] OR norflunitrazepam[tiab] OR olanzapine[tiab] OR oxazepam[tiab] OR oxazolam[tiab] OR phenazepam[tiab] OR pinazepam[tiab] OR prazepam[tiab] OR premazepam[tiab] OR propazepam[tiab] OR quazepam[tiab] OR ripazepam[tiab] OR sedative[tiab] OR sedatives[tiab] OR serazepine[tiab] OR sograzepide[tiab] OR talampanel[tiab] OR tarazepide[tiab] OR temazepam[tiab] OR tofisopam[tiab] OR triazolam[tiab] OR zaleplon[tiab] OR zaleplone[tiab] OR zolazepam[tiab] OR zolpidem[tiab] OR zopiclone[tiab]) | 129,780  |
| 3 | (Deprescriptions[Mesh] OR deprescribing[tw] OR deprescribe[tw] OR deprescribed[tw] OR deprescription[tw] OR deprescriptions[tw] OR de-prescribing[tw] OR de-prescribe[tw] OR de-prescribed[tw] OR de-prescription[tw] OR de-prescriptions[tw] OR taper[tw] OR tapered[tw] OR tapering[tw] OR discontinue[tw] OR discontinued[tw] OR discontinuing[tw] OR discontinuation[tw] OR dose-reduction[tw] OR dose-reductions[tw] OR dosage-reduction[tw] OR dosage-reductions[tw] OR reduced-dose[tw] OR reduced-dosage[tw] OR reduce-the-dose[tw] OR reducing-the-dose[tw] OR reduce-the-dosage[tw] OR reducing-the-dosage[tw] OR drug-administration-schedule[tiab] OR drug-administration-schedules[tiab] OR STOPP[tiab])  | 128,305  |
| 4 | (Pharmacy[MeSH] OR Pharmacies[MeSH] OR Pharmacists[MeSH] OR pharmacy[tiab] OR pharmacies[tiab] OR pharmacists[tiab] OR pharmacist[tiab] OR pharmacologic[tiab] OR pharmacological[tiab] OR pharmacologically[tiab] OR pharmacology[tiab] OR pharmacovigilance[tiab] OR pharmacologist[tiab] OR pharmacologists[tiab] OR pharmaceutic[tiab] OR pharmaceutics[tiab] OR pharmaceutical[tiab] OR pharmaceuticals[tiab] OR inter-professional[tw] OR inter-disciplinary[tw]) | 569,520 |
| 5 | (Geriatrics[Mesh] OR Health Services for the Aged[Mesh] OR Aged[Mesh] OR Aged, 80 and Over[Mesh] OR Frail Elderly[Mesh] OR geriatric[tiab] OR geriatrics[tiab] OR gerontology[tiab] OR gerontological[tiab] OR elder[tiab] OR elderly[tiab] OR seniors[tiab] OR senior-citizen[tiab] OR senior-citizens[tiab] OR older-adult[tiab] OR older-adults[tiab] OR older-person[tiab] OR older-people[tiab] OR older-patient[tiab] OR older-patients[tiab] OR aged-adult[tiab] OR aged-adults[tiab] OR aged-person[tiab] OR aged-people[tiab] OR aged-patient[tiab] OR aged-patients[tiab] OR community-dwelling[tiab] OR nursing-home[tiab] OR assisted-living[tiab] OR skilled-nursing-facility[tiab]) | 3,200,077  |
| 6 | 1 OR 2 | 311,811 |
| 7 | 3 AND 4 AND 5 AND 6 | 224 |

PubMed before duplicate removal: 224

PubMed after duplicate removal: 223

**Embase Search – Run 02/18/2020**

|  |  |  |
| --- | --- | --- |
| Search | Query | Items Found |
| 1 | ('narcotic analgesic agent'/exp OR 'opiate addiction'/exp OR narcotic-analgesic-agent:ti,ab OR opiate:ti,ab OR opiates:ti,ab OR opioid:ti,ab OR opioids:ti,ab OR opioid-related:ti,ab OR diamorphine:ti,ab OR heroin:ti,ab OR addnok:ti,ab OR belbuca:ti,ab OR buprenex:ti,ab OR buprenophine:ti,ab OR buprenorfina:ti,ab OR buprenorphine:ti,ab OR butrans:ti,ab OR norphin:ti,ab OR norspan:ti,ab OR probuphine:ti,ab OR subutex:ti,ab OR temgesic:ti,ab OR tidigesic:ti,ab OR butorphanol:ti,ab OR codeine:ti,ab OR methylmorphine:ti,ab OR morphine-monomethyl-ether:ti,ab OR dihydrocodeine:ti,ab OR hydrocodeine:ti,ab OR hydrocodin:ti,ab OR nadeine:ti,ab OR paracodin:ti,ab OR alpha-hydrocodol:ti,ab OR dihydromorphine:ti,ab OR hydromorphine:ti,ab OR abstral:ti,ab OR duragesic:ti,ab OR durogesic:ti,ab OR durotep:ti,ab OR fentanest:ti,ab OR fentanil:ti,ab OR fentanyl:ti,ab OR fentora:ti,ab OR lazanda:ti,ab OR matrifen:ti,ab OR pecfent:ti,ab OR phentanyl:ti,ab OR subsys:ti,ab OR dicodid:ti,ab OR dihydrocodeinone:ti,ab OR hycodan:ti,ab OR hycon:ti,ab OR hydrocodone:ti,ab OR dihydromorphinone:ti,ab OR dilaudid:ti,ab OR exalgo:ti,ab OR hydromorph-:ti,ab OR hydromorphone:ti,ab OR jurnista:ti,ab OR palladone:ti,ab OR levorphan:ti,ab OR levorphanol:ti,ab OR demerol:ti,ab OR dolantin:ti,ab OR dolcontral:ti,ab OR dolosal:ti,ab OR dolsin:ti,ab OR isonipecaine:ti,ab OR lydol:ti,ab OR meperidine:ti,ab OR pethidin:ti,ab OR pethidine:ti,ab OR pethidinum:ti,ab OR petidin:ti,ab OR petidina:ti,ab OR sauteralgyl:ti,ab OR amidon:ti,ab OR amidone:ti,ab OR dextromethadone:ti,ab OR diaminon:ti,ab OR dolophine:ti,ab OR heptadone:ti,ab OR heptanon:ti,ab OR metadona:ti,ab OR metadone:ti,ab OR methadon:ti,ab OR methadona:ti,ab OR phenadone:ti,ab OR polamidone:ti,ab OR polamivet:ti,ab OR methadone:ti,ab OR avinza:ti,ab OR bromanyl:ti,ab OR depodur:ti,ab OR dimetane:ti,ab OR infumorph:ti,ab OR kadian:ti,ab OR morphine:ti,ab OR triacin:ti,ab OR nalbuphine:ti,ab OR nubain:ti,ab OR opium:ti,ab OR codeinone:ti,ab OR combunox:ti,ab OR dihydrohydroxycodeinone:ti,ab OR dihydrone:ti,ab OR dihydroxycodeinone:ti,ab OR endine:ti,ab OR endone:ti,ab OR eucodal:ti,ab OR oxanest:ti,ab OR oxicon:ti,ab OR oxicone:ti,ab OR oxycodeinon:ti,ab OR oxycodeinone:ti,ab OR oxycodon:ti,ab OR oxycone:ti,ab OR oxycontin:ti,ab OR oxynorm:ti,ab OR pancodone:ti,ab OR percodan:ti,ab OR remoxy:ti,ab OR roxicodone:ti,ab OR oxycodone:ti,ab OR oxymorphone:ti,ab OR pentazocine:ti,ab OR talacen:ti,ab OR talwin:ti,ab OR contramid:ti,ab OR ralivia:ti,ab OR tradonal:ti,ab OR tramadol:ti,ab OR ultram:ti,ab OR zytram:ti,ab OR darvon:ti,ab OR dextropropoxyphene:ti,ab OR propoxyphene:ti,ab OR nucynta:ti,ab OR tapentadol:ti,ab OR acetylmethadol:ti,ab OR alfentanil:ti,ab OR alphaprodine:ti,ab OR carfentanil:ti,ab OR dextromoramide:ti,ab OR dezocine:ti,ab OR phenazocine:ti,ab OR phenoperidine:ti,ab OR promedol:ti,ab OR remifentanil:ti,ab OR sufentanil:ti,ab OR tilidine:ti,ab OR trimeperidine:ti,ab OR percocet:ti,ab OR vicodin:ti,ab) | 395,351 |
| 2 | ('benzodiazepine derivative'/exp OR 'hypnotic sedative agent'/exp OR 'hypnotic agent'/exp OR 'benzodiazepine receptor stimulating agent'/exp OR BZD:ti,ab OR cm-6912:ti,ab OR ethyl-loflazepate:ti,ab OR wy-3498:ti,ab OR z-drugs:ti,ab OR abecarnil:ti,ab OR adinazolam:ti,ab OR alprazolam:ti,ab OR arfendazam:ti,ab OR bentazepam:ti,ab OR benzodiazepin\*:ti,ab OR bretazenil:ti,ab OR bromazepam:ti,ab OR brotizolam:ti,ab OR camazepam:ti,ab OR chlorazepate:ti,ab OR chlordesmethyldiazepam:ti,ab OR chlordiazepoxide:ti,ab OR cinolazepam:ti,ab OR clobazam:ti,ab OR clonazepam:ti,ab OR clorazepate:ti,ab OR 'clorazepate dipotassium':ti,ab OR clotiazepam:ti,ab OR cloxazolam:ti,ab OR cm‐6912:ti,ab OR dealkylflurazepam:ti,ab OR delorazepam:ti,ab OR demoxepam:ti,ab OR desmethyldiazepam:ti,ab OR desoxydemoxepam:ti,ab OR devazepide:ti,ab OR diazepam:ti,ab OR doxefazepam:ti,ab OR estazolam:ti,ab OR eszopiclone:ti,ab OR etizolam:ti,ab OR fludiazepam:ti,ab OR flunitrazepam:ti,ab OR flurazepam:ti,ab OR flutoprazepam:ti,ab OR fosazepam:ti,ab OR gidazepam:ti,ab OR girisopam:ti,ab OR halazepam:ti,ab OR haloxazolam:ti,ab OR hypnotics:ti,ab OR ketazolam:ti,ab OR loflazepate:ti,ab OR loprazolam:ti,ab OR lorazepam:ti,ab OR lormetazepam:ti,ab OR meclonazepam:ti,ab OR medazepam:ti,ab OR metaclazepam:ti,ab OR mexazolam:ti,ab OR midazolam:ti,ab OR nerisopam:ti,ab OR nimetazepam:ti,ab OR nitrazepam:ti,ab OR norchlordiazepoxide:ti,ab OR norclobazam:ti,ab OR nordazepam:ti,ab OR norfludiazepam:ti,ab OR norflunitrazepam:ti,ab OR olanzapine:ti,ab OR oxazepam:ti,ab OR oxazolam:ti,ab OR phenazepam:ti,ab OR pinazepam:ti,ab OR prazepam:ti,ab OR premazepam:ti,ab OR propazepam:ti,ab OR quazepam:ti,ab OR ripazepam:ti,ab OR sedative:ti,ab OR sedatives:ti,ab OR serazepine:ti,ab OR sograzepide:ti,ab OR talampanel:ti,ab OR tarazepide:ti,ab OR temazepam:ti,ab OR tofisopam:ti,ab OR triazolam:ti,ab OR zaleplon:ti,ab OR zaleplone:ti,ab OR zolazepam:ti,ab OR zolpidem:ti,ab OR zopiclone:ti,ab) | 450,925 |
| 3 | ('deprescription'/exp OR deprescribing:ti,ab,de,tn OR deprescribe:ti,ab,de,tn OR deprescribed:ti,ab,de,tn OR deprescription:ti,ab,de,tn OR deprescriptions:ti,ab,de,tn OR de-prescribing:ti,ab,de,tn OR de-prescribe:ti,ab,de,tn OR de-prescribed:ti,ab,de,tn OR de-prescription:ti,ab,de,tn OR de-prescriptions:ti,ab,de,tn OR taper:ti,ab,de,tn OR tapered:ti,ab,de,tn OR tapering:ti,ab,de,tn OR discontinue:ti,ab,de,tn OR discontinued:ti,ab,de,tn OR discontinuing:ti,ab,de,tn OR discontinuation:ti,ab,de,tn OR dose-reduction:ti,ab,de,tn OR dose-reductions:ti,ab,de,tn OR dosage-reduction:ti,ab,de,tn OR dosage-reductions:ti,ab,de,tn OR reduced-dose:ti,ab,de,tn OR reduced-dosage:ti,ab,de,tn OR reduce-the-dose:ti,ab,de,tn OR reducing-the-dose:ti,ab,de,tn OR reduce-the-dosage:ti,ab,de,tn OR reducing-the-dosage:ti,ab,de,tn OR drug-administration-schedule:ti,ab OR drug-administration-schedules:ti,ab OR STOPP:ti,ab) | 279,821 |
| 4 | ('pharmacy (shop)'/exp OR 'clinical pharmacy'/exp OR 'pharmacist'/exp OR pharmacy:ti,ab OR pharmacies:ti,ab OR pharmacists:ti,ab OR pharmacist:ti,ab OR pharmacologic:ti,ab OR pharmacological:ti,ab OR pharmacologically:ti,ab OR pharmacology:ti,ab OR pharmacovigilance:ti,ab OR pharmacologist:ti,ab OR pharmacologists:ti,ab OR pharmaceutic:ti,ab OR pharmaceutics:ti,ab OR pharmaceutical:ti,ab OR pharmaceuticals:ti,ab OR inter-professional:ti,ab,de,tn OR inter-disciplinary:ti,ab,de,tn) | 830,388 |
| 5 | ('geriatrics'/exp OR 'elderly care'/exp OR 'aged'/exp OR 'very elderly'/exp OR 'frail elderly'/exp OR geriatric:ti,ab,de OR geriatrics:ti,ab,de OR gerontology:ti,ab,de OR gerontological:ti,ab,de OR elder:ti,ab,de OR elderly:ti,ab,de OR seniors:ti,ab,de OR senior-citizen:ti,ab,de OR senior-citizens:ti,ab,de OR older-adult:ti,ab,de OR older-adults:ti,ab,de OR older-person:ti,ab,de OR older-people:ti,ab,de OR older-patient:ti,ab,de OR older-patients:ti,ab,de OR aged-adult:ti,ab,de OR aged-adults:ti,ab,de OR aged-person:ti,ab,de OR aged-people:ti,ab,de OR aged-patient:ti,ab,de OR aged-patients:ti,ab,de OR community-dwelling:ti,ab,de OR nursing-home:ti,ab,de OR assisted-living:ti,ab,de OR skilled-nursing-facility:ti,ab,de) | 3,273,725 |
| 6 | 1 OR 2 | 763,473 |
| 7 | 3 AND 4 AND 5 AND 6 | 710 |
| 8 | 7 NOT 'conference abstract'/it | 546 |

Embase before duplicate removal: 546

Embase after duplicate removal: 369

**CINAHL Plus Search – Run 02/18/2020**

|  |  |  |
| --- | --- | --- |
| Search | Query | Items Found |
| 1 | ((MH "Analgesics, opioid+") OR (MH "Buprenorphine+") OR (MH "Methadone+") OR (MH "Morphine+") OR TI narcotic-analgesic-agent OR AB narcotic-analgesic-agent OR TI opiate OR AB opiate OR TI opiates OR AB opiates OR TI opioid OR AB opioid OR TI opioids OR AB opioids OR TI opioid-related OR AB opioid-related OR TI diamorphine OR AB diamorphine OR TI heroin OR AB heroin OR TI addnok OR AB addnok OR TI belbuca OR AB belbuca OR TI buprenex OR AB buprenex OR TI buprenophine OR AB buprenophine OR TI buprenorfina OR AB buprenorfina OR TI buprenorphine OR AB buprenorphine OR TI butrans OR AB butrans OR TI norphin OR AB norphin OR TI norspan OR AB norspan OR TI probuphine OR AB probuphine OR TI subutex OR AB subutex OR TI temgesic OR AB temgesic OR TI tidigesic OR AB tidigesic OR TI butorphanol OR AB butorphanol OR TI codeine OR AB codeine OR TI methylmorphine OR AB methylmorphine OR TI morphine-monomethyl-ether OR AB morphine-monomethyl-ether OR TI dihydrocodeine OR AB dihydrocodeine OR TI hydrocodeine OR AB hydrocodeine OR TI hydrocodin OR AB hydrocodin OR TI nadeine OR AB nadeine OR TI paracodin OR AB paracodin OR TI alpha-hydrocodol OR AB alpha-hydrocodol OR TI dihydromorphine OR AB dihydromorphine OR TI hydromorphine OR AB hydromorphine OR TI abstral OR AB abstral OR TI duragesic OR AB duragesic OR TI durogesic OR AB durogesic OR TI durotep OR AB durotep OR TI fentanest OR AB fentanest OR TI fentanil OR AB fentanil OR TI fentanyl OR AB fentanyl OR TI fentora OR AB fentora OR TI lazanda OR AB lazanda OR TI matrifen OR AB matrifen OR TI pecfent OR AB pecfent OR TI phentanyl OR AB phentanyl OR TI subsys OR AB subsys OR TI dicodid OR AB dicodid OR TI dihydrocodeinone OR AB dihydrocodeinone OR TI hycodan OR AB hycodan OR TI hycon OR AB hycon OR TI hydrocodone OR AB hydrocodone OR TI dihydromorphinone OR AB dihydromorphinone OR TI dilaudid OR AB dilaudid OR TI exalgo OR AB exalgo OR TI hydromorph- OR AB hydromorph- OR TI hydromorphone OR AB hydromorphone OR TI jurnista OR AB jurnista OR TI palladone OR AB palladone OR TI levorphan OR AB levorphan OR TI levorphanol OR AB levorphanol OR TI demerol OR AB demerol OR TI dolantin OR AB dolantin OR TI dolcontral OR AB dolcontral OR TI dolosal OR AB dolosal OR TI dolsin OR AB dolsin OR TI isonipecaine OR AB isonipecaine OR TI lydol OR AB lydol OR TI meperidine OR AB meperidine OR TI pethidin OR AB pethidin OR TI pethidine OR AB pethidine OR TI pethidinum OR AB pethidinum OR TI petidin OR AB petidin OR TI petidina OR AB petidina OR TI sauteralgyl OR AB sauteralgyl OR TI amidon OR AB amidon OR TI amidone OR AB amidone OR TI dextromethadone OR AB dextromethadone OR TI diaminon OR AB diaminon OR TI dolophine OR AB dolophine OR TI heptadone OR AB heptadone OR TI heptanon OR AB heptanon OR TI metadona OR AB metadona OR TI metadone OR AB metadone OR TI methadon OR AB methadon OR TI methadona OR AB methadona OR TI phenadone OR AB phenadone OR TI polamidone OR AB polamidone OR TI polamivet OR AB polamivet OR TI methadone OR AB methadone OR TI avinza OR AB avinza OR TI bromanyl OR AB bromanyl OR TI depodur OR AB depodur OR TI dimetane OR AB dimetane OR TI infumorph OR AB infumorph OR TI kadian OR AB kadian OR TI morphine OR AB morphine OR TI triacin OR AB triacin OR TI nalbuphine OR AB nalbuphine OR TI nubain OR AB nubain OR TI opium OR AB opium OR TI codeinone OR AB codeinone OR TI combunox OR AB combunox OR TI dihydrohydroxycodeinone OR AB dihydrohydroxycodeinone OR TI dihydrone OR AB dihydrone OR TI dihydroxycodeinone OR AB dihydroxycodeinone OR TI endine OR AB endine OR TI endone OR AB endone OR TI eucodal OR AB eucodal OR TI oxanest OR AB oxanest OR TI oxicon OR AB oxicon OR TI oxicone OR AB oxicone OR TI oxycodeinon OR AB oxycodeinon OR TI oxycodeinone OR AB oxycodeinone OR TI oxycodon OR AB oxycodon OR TI oxycone OR AB oxycone OR TI oxycontin OR AB oxycontin OR TI oxynorm OR AB oxynorm OR TI pancodone OR AB pancodone OR TI percodan OR AB percodan OR TI remoxy OR AB remoxy OR TI roxicodone OR AB roxicodone OR TI oxycodone OR AB oxycodone OR TI oxymorphone OR AB oxymorphone OR TI pentazocine OR AB pentazocine OR TI talacen OR AB talacen OR TI talwin OR AB talwin OR TI contramid OR AB contramid OR TI ralivia OR AB ralivia OR TI tradonal OR AB tradonal OR TI tramadol OR AB tramadol OR TI ultram OR AB ultram OR TI zytram OR AB zytram OR TI darvon OR AB darvon OR TI dextropropoxyphene OR AB dextropropoxyphene OR TI propoxyphene OR AB propoxyphene OR TI nucynta OR AB nucynta OR TI tapentadol OR AB tapentadol OR TI acetylmethadol OR AB acetylmethadol OR TI alfentanil OR AB alfentanil OR TI alphaprodine OR AB alphaprodine OR TI carfentanil OR AB carfentanil OR TI dextromoramide OR AB dextromoramide OR TI dezocine OR AB dezocine OR TI phenazocine OR AB phenazocine OR TI phenoperidine OR AB phenoperidine OR TI promedol OR AB promedol OR TI remifentanil OR AB remifentanil OR TI sufentanil OR AB sufentanil OR TI tilidine OR AB tilidine OR TI trimeperidine OR AB trimeperidine OR TI percocet OR AB percocet OR TI vicodin OR AB vicodin) | 58,571 |
| 2 | ((MH "Antianxiety Agents, Benzodiazepine+") OR (MH " Hypnotics and Sedatives+") OR (MH "Alprazolam+") OR (MH "Chlordiazepoxide+") OR (MH "Clobazam+") OR (MH "Clorazepate Dipotassium+") OR (MH "Estazolam+") OR (MH "Midazolam+") OR (MH "Olanzapine+") OR (MH "Triazolam+") OR TI ethyl-loflazepate OR AB ethyl-loflazepate OR TI z-drugs OR AB z-drugs OR TI abecarnil OR AB abecarnil OR TI adinazolam OR AB adinazolam OR TI alprazolam OR AB alprazolam OR TI arfendazam OR AB arfendazam OR TI bentazepam OR AB bentazepam OR TI benzodiazepin\* OR AB benzodiazepin\* OR TI bretazenil OR AB bretazenil OR TI bromazepam OR AB bromazepam OR TI brotizolam OR AB brotizolam OR TI camazepam OR AB camazepam OR TI chlorazepate OR AB chlorazepate OR TI chlordesmethyldiazepam OR AB chlordesmethyldiazepam OR TI chlordiazepoxide OR AB chlordiazepoxide OR TI cinolazepam OR AB cinolazepam OR TI clobazam OR AB clobazam OR TI clonazepam OR AB clonazepam OR TI clorazepate OR AB clorazepate OR TI "clorazepate dipotassium" OR AB "clorazepate dipotassium" OR TI clotiazepam OR AB clotiazepam OR TI cloxazolam OR AB cloxazolam OR TI dealkylflurazepam OR AB dealkylflurazepam OR TI delorazepam OR AB delorazepam OR TI demoxepam OR AB demoxepam OR TI desmethyldiazepam OR AB desmethyldiazepam OR TI desoxydemoxepam OR AB desoxydemoxepam OR TI devazepide OR AB devazepide OR TI diazepam OR AB diazepam OR TI doxefazepam OR AB doxefazepam OR TI estazolam OR AB estazolam OR TI eszopiclone OR AB eszopiclone OR TI etizolam OR AB etizolam OR TI fludiazepam OR AB fludiazepam OR TI flunitrazepam OR AB flunitrazepam OR TI flurazepam OR AB flurazepam OR TI flutoprazepam OR AB flutoprazepam OR TI fosazepam OR AB fosazepam OR TI gidazepam OR AB gidazepam OR TI girisopam OR AB girisopam OR TI halazepam OR AB halazepam OR TI haloxazolam OR AB haloxazolam OR TI hypnotics OR AB hypnotics OR TI ketazolam OR AB ketazolam OR TI loflazepate OR AB loflazepate OR TI loprazolam OR AB loprazolam OR TI lorazepam OR AB lorazepam OR TI lormetazepam OR AB lormetazepam OR TI meclonazepam OR AB meclonazepam OR TI medazepam OR AB medazepam OR TI metaclazepam OR AB metaclazepam OR TI mexazolam OR AB mexazolam OR TI midazolam OR AB midazolam OR TI nerisopam OR AB nerisopam OR TI nimetazepam OR AB nimetazepam OR TI nitrazepam OR AB nitrazepam OR TI norchlordiazepoxide OR AB norchlordiazepoxide OR TI norclobazam OR AB norclobazam OR TI nordazepam OR AB nordazepam OR TI norfludiazepam OR AB norfludiazepam OR TI norflunitrazepam OR AB norflunitrazepam OR TI olanzapine OR AB olanzapine OR TI oxazepam OR AB oxazepam OR TI oxazolam OR AB oxazolam OR TI phenazepam OR AB phenazepam OR TI pinazepam OR AB pinazepam OR TI prazepam OR AB prazepam OR TI premazepam OR AB premazepam OR TI propazepam OR AB propazepam OR TI quazepam OR AB quazepam OR TI ripazepam OR AB ripazepam OR TI sedative OR AB sedative OR TI sedatives OR AB sedatives OR TI serazepine OR AB serazepine OR TI sograzepide OR AB sograzepide OR TI talampanel OR AB talampanel OR TI tarazepide OR AB tarazepide OR TI temazepam OR AB temazepam OR TI tofisopam OR AB tofisopam OR TI triazolam OR AB triazolam OR TI zaleplon OR AB zaleplon OR TI zaleplone OR AB zaleplone OR TI zolazepam OR AB zolazepam OR TI zolpidem OR AB zolpidem OR TI zopiclone OR AB zopiclone) | 29,726 |
| 3 | (deprescribing OR deprescribe OR deprescribed OR deprescription OR deprescriptions OR de-prescribing OR de-prescribe OR de-prescribed OR de-prescription OR de-prescriptions OR taper OR tapered OR tapering OR discontinue OR discontinued OR discontinuing OR discontinuation OR dose-reduction OR dose-reductions OR dosage-reduction OR dosage-reductions OR reduced-dose OR reduced-dosage OR reduce-the-dose OR reducing-the-dose OR reduce-the-dosage OR reducing-the-dosage OR TI drug-administration-schedule OR AB drug-administration-schedule OR TI drug-administration-schedules OR AB drug-administration-schedules OR TI STOPP OR AB STOPP) | 28,103 |
| 4 | ((MH "Pharmacists") OR (MH "Pharmacy and Pharmacology") OR (MH "Pharmacy Service") OR TI pharmacy OR AB pharmacy OR TI pharmacies OR AB pharmacies OR TI pharmacists OR AB pharmacists OR TI pharmacist OR AB pharmacist OR TI pharmacologic OR AB pharmacologic OR TI pharmacological OR AB pharmacological OR TI pharmacologically OR AB pharmacologically OR TI pharmacology OR AB pharmacology OR TI pharmacovigilance OR AB pharmacovigilance OR TI pharmacologist OR AB pharmacologist OR TI pharmacologists OR AB pharmacologists OR TI pharmaceutic OR AB pharmaceutic OR TI pharmaceutics OR AB pharmaceutics OR TI pharmaceutical OR AB pharmaceutical OR TI pharmaceuticals OR AB pharmaceuticals OR inter-professional OR inter-disciplinary) | 103,880 |
| 5 | ((MH "Geriatrics+") OR (MH "Health Services for the Aged+") OR (MH "Aged+") OR (MH "Aged, 80 and Over+") OR (MH "Frail Elderly+") OR TI geriatric OR AB geriatric OR TI geriatrics OR AB geriatrics OR TI gerontology OR AB gerontology OR TI gerontological OR AB gerontological OR TI elder OR AB elder OR TI elderly OR AB elderly OR TI seniors OR AB seniors OR TI senior-citizen OR AB senior-citizen OR TI senior-citizens OR AB senior-citizens OR TI older-adult OR AB older-adult OR TI older-adults OR AB older-adults OR TI older-person OR AB older-person OR TI older-people OR AB older-people OR TI older-patient OR AB older-patient OR TI older-patients OR AB older-patients OR TI aged-adult OR AB aged-adult OR TI aged-adults OR AB aged-adults OR TI aged-person OR AB aged-person OR TI aged-people OR AB aged-people OR TI aged-patient OR AB aged-patient OR TI aged-patients OR AB aged-patients OR TI community-dwelling OR AB community-dwelling OR TI nursing-home OR AB nursing-home OR TI assisted-living OR AB assisted-living OR TI skilled-nursing-facility OR AB skilled-nursing-facility) | 839,213 |
| 6 | 1 OR 2 | 82,632 |
| 7 | 3 AND 4 AND 5 AND 6 | 147 |

CINAHL before duplicate removal: 147

CINAHL after duplicate removal: 95

**Methods Section**

**Search Methods**

The medical librarian developed comprehensive search strategies for the concepts of deprescribing opioids and benzodiazepines in elderly patients. The search strategies were created using a combination of subject headings and keywords and were used to search PubMed via NLM, Embase via Elsevier, and CINAHL Plus via EBSCO from date of database inception to February 18, 2020, when all searches were completed. No filters or limits were applied to the PubMed and CINAHL searches while conference abstracts were excluded from the Embase search.

**Search Results**

The searches in PubMed, Embase, and CINAHL yielded a total of 917 citations. These citations were exported to Endnote and 230 duplicates were removed. This left a total of 687 unique citations found in all database searches.