

**Search strings for peer-reviewed literature searches for benzodiazepine dependence/use**

Database	Search group	Search terms
Medline*	Benzos	Benzodiazepine\$ OR benzo OR Benzos OR alprazolam OR anthramycin OR benzodiazepinones OR brotizolam OR bromazepam OR camazepam OR chlordiazepoxide OR cinolazepam OR clonazepam OR clorazepate OR clorazepate dipotassium OR clotiazepam OR cloxazolam OR delorazepam OR devazepide OR diazepam OR etizolam OR estazolam OR fludiazepam OR flumazenil OR flunitrazepam OR flurazepam OR halazepam OR haloxazolam OR ketazolam OR loprazolam OR lorazepam OR lormetazepam OR medazepam OR midazolam OR nimetazepam OR nitrazepam OR nordazepam OR oxazolam OR oxazepam OR phenazepam OR pinazepam OR pirenzepine OR prazepam OR quazepam OR temazepam OR tetrazepam OR tofisopam OR triazolam OR Xanax OR Lexomil OR Valium OR Ativan OR Klonopin OR Restoril OR Serax OR Rohypnol OR Halcion OR Librium OR Dalmane OR ProSom OR Mogadon <b>exp "hypnotics and sedatives"/ or exp anti-anxiety agents/ or exp benzodiazepines/ or exp benzodiazepinones/ or exp alprazolam/ or exp bromazepam/ or exp chlordiazepoxide/ or exp clonazepam/ or exp clorazepate dipotassium/ or exp devazepide/ or exp diazepam/ or exp estazolam/ or exp flumazenil/ or exp flunitrazepam/ or exp flurazepam/ or exp lorazepam/ or exp medazepam/ or exp midazolam/ or exp nitrazepam/ or exp nordazepam/ or exp oxazepam/ or exp pirenzepine/ or exp prazepam/ or exp temazepam/ or exp triazolam/</b>
	Gold standard Epidemiology	"prevalence" OR "inciden\$" OR "epidemiolog\$" OR "history" or "patterns" OR "survey\$" OR "data collection\$" OR "screening" OR "cohort" OR "population study" OR "population sample" OR "surveillance" OR "community sample" OR "statistics" OR "duration" OR "severity" OR "chronic" OR "long-term" OR "prolonged" <b>exp Epidemiology/ or Exp prevalence/ or exp Incidence/ or exp sex distribution/ or exp age distribution/ or exp epidemiologic methods/ or exp ethnology/ or exp Statistics/ or exp data collection/ or exp health surveys/ or exp health care surveys, or exp interviews/ or exp narration/ or exp questionnaires/ or exp records/ or exp registries/ or exp disease notification/ or exp epidemiologic studies/ or exp cohort studies/ or exp longitudinal studies/ or exp follow-up studies/ or exp prospective studies/ or exp cross-sectional studies/ or exp sampling studies/ or exp focus groups/</b>
	Basic epidemiology	(inciden\$ or prevalen\$ or epidemiolog\$) <b>Exp Epidemiology/ or exp prevalence/ or exp Incidence/</b>
	Remission/ Duration	(remission or relapse\$ or recover\$ or "disease course" or "disease duration" or (treatment ADJ) outcome\$) or abstinen\$) <b>(exp REMISSION, SPONTANEOUS/ or exp REMISSION, INDUCTION/ or exp RECURRENCE/ or exp Treatment Outcome/)</b> <i>[Additional terms for heroin searches only]: or exp Heroin Dependence/ or exp Morphine Dependence/</i> <i>[Remission cohort restriction]: exp cohort studies/ or exp longitudinal studies/</i>
	Mortality	Mortal\$ or fatal\$ or death\$ <b>exp DEATH/ or exp "CAUSE OF DEATH"/ or exp SUDDEN DEATH/ or exp Mortality/ or exp Hospitalization/ or exp Fatal Outcome/</b>
	Cohort	"cohort" OR "longitudinal" OR "incidence" OR "prospective" OR "follow-up" <b>exp cohort studies/ or exp longitudinal studies/ or exp follow-up studies/ or exp prospective studies/</b>
	Drug Use	drug abuse\$ OR drug use\$ OR drug misuse\$ OR drug dependenc\$ OR substance abuse\$ OR substance use\$ OR substance misuse\$ OR substance dependenc\$ OR addict\$ <b>Exp Substance-related disorders/</b>
EMBASE#	Benzos	Benzodiazepine\$ OR benzo OR Benzos OR alprazolam OR anthramycin OR benzodiazepinones OR brotizolam OR bromazepam OR camazepam OR chlordiazepoxide OR cinolazepam OR clonazepam OR clorazepate OR clorazepate dipotassium OR clotiazepam OR cloxazolam OR delorazepam OR devazepide OR diazepam OR etizolam OR estazolam OR fludiazepam OR flumazenil OR flunitrazepam OR flurazepam OR halazepam OR haloxazolam OR ketazolam OR loprazolam OR lorazepam OR lormetazepam OR medazepam OR midazolam OR nimetazepam OR nitrazepam OR nordazepam OR oxazolam OR oxazepam OR phenazepam OR pinazepam OR pirenzepine OR prazepam OR quazepam OR temazepam OR tetrazepam OR tofisopam OR triazolam OR Xanax OR Lexomil OR Valium OR Ativan OR Klonopin OR Restoril OR Serax OR Rohypnol OR Halcion OR Librium OR Dalmane OR ProSom OR Mogadon <b>exp benzodiazepine derivative/ or exp 7 amino 1,3 dihydro 5 phenyl 2h 1,4 benzodiazepin 2 one/ or exp 7 aminoflunitrazepam/ or exp "1 (4 aminophenyl) 3,4 dihydro 4 methyl 3 methylcarbamoyl 7,8 methylenedioxy 5h 2,3 benzodiazepine"/ or exp "1 (4 aminophenyl) 4 methyl 7,8 methylenedioxy 5h 2,3 benzodiazepine"/ or exp arfendazam/ or exp benzodiazepine/ or exp</b>

Database	Search group	Search terms
		benzodiazepin 2 one derivative/ or exp "3 benzyl 7 cyano 2,3,4,5 tetrahydro 1 (1h imidazol 4 ylmethyl) 4 (2 thienylsulfonyl) 1h 1,4 benzodiazepine"/ or exp bromazepam/ or exp "7 bromo 2 carbamoylmethylene 5 (2 fluorophenyl) 1,3 dihydro 1 methyl 2h 1,4 benzodiazepine"/ or exp "4 bromo n (2,3 dihydro 1 methyl 2 oxo 5 phenyl 1h 1,4 benzodiazepin 3 yl)benzamide"/ or exp camazepam/ or exp chlordiazepoxide/ or exp "7 chloro 5 (4 chlorophenyl) 1,3 dihydro 1 (2 isothiocyanoethyl) 2h 1,4 benzodiazepin 2 one"/ or exp 4' chlorodiazepam/ or exp "7 chloro 1,3 dihydro 5 (2 pyrrolyl) 2h 1,4 benzodiazepin 2 one"/ or exp "7 chloro 5 (2 fluorophenyl) 1,3 dihydro 1 (2,2,2 trifluoroethyl) 2h 1,4 benzodiazepin 2 one"/ or exp "[7 chloro 5 (1h pyrrol 2 yl) 3h benzo[e][1,4]diazepin 2 yl)methylamine"/ or exp cinolazepam/ or exp clobazam/ or exp clonazepam/ or exp clorazepate/ or exp clorazepate dipotassium/ or exp clorazepate potassium/ or exp dealkylflurazepam/ or exp delorazepam/ or exp demoxepam/ or exp devazepide/ or exp diazepam/ or exp diazepam derivative/ or exp 1,3 dihydro 5 methyl 2h 1,4 benzodiazepin 2 one/ or exp "1 (2,3 dihydro 1 methyl 2 oxo 5 phenyl 1h 1,4 benzodiazepin 3 yl) 3 (3 methylphenyl)urea"/ or exp "1 [2,3 dihydro 1 (2' methylphenacyl) 2 oxo 5 phenyl 1h 1,4 benzodiazepin 3 yl] 3 (3 methylphenyl)urea"/ or exp "1 [2,3 dihydro 2 oxo 1 pivaloylmethyl 5 (2 pyridyl) 1h 1,4 benzodiazepin 3 yl] 3 [3 (methylamino)phenyl]urea"/ or exp doxefazepam/ or exp ethyl loflazepate/ or exp fludiazepam/ or exp flunitrazepam/ or exp flurazepam/ or exp flutoprazepam/ or exp fosazepam/ or exp gidazepam/ or exp girisopam/ or exp halazepam/ or exp loflazepate/ or exp lorazepam/ or exp lormetazepam/ or exp lotrafiban/ or exp meclonazepam/ or exp medazepam/ or exp metaciazepam/ or exp 3 methylflunitrazepam/ or exp nerisopam/ or exp nimetazepam/ or exp nitrazepam/ or exp n nitrosochlordiazepoxide/ or exp norchlordiazepoxide/ or exp norclobazam/ or exp nordazepam/ or exp norfludiazepam/ or exp norflunitrazepam/ or exp oxazepam/ or exp phenazepam/ or exp pinazepam/ or exp prazepam/ or exp quazepam/ or exp "ro 7 0213"/ or exp talampanel/ or exp tampramine/ or exp temazepam/ or exp tetrazepam/ or exp tibezonium iodide/ or exp tifiuadom/ or exp tofiosopam/ or exp tomaymycin/ or exp tuclazepam/ or exp uxepam/
	Gold standard Epidemiology	"prevalence" OR "incidence" OR "epidemiolog\$" OR "data collection" OR "Survey" OR "surveillance" OR "screening" OR "population study" OR "population sample" OR "population survey" OR "population surveillance" OR "community sample" OR "RAR" OR "rapid assessment" OR "situation\$ assessment" OR "statistics" exp PREVALENCE/ or exp INCIDENCE/ or exp EPIDEMIOLOGY/ or exp Age Distribution/ or exp Sex Difference/ or exp biostatistics/ or exp health statistics/ or exp epidemiological data/ or exp geographic distribution/ or exp field study/ or exp observational study/ or exp panel study/ or exp pilot study/ or exp prevention study/ or exp trend study/ or exp case finding/ or exp exploratory research/ or exp multimethod study/ or exp naturalistic inquiry/ or exp qualitative research/ or exp quantitative study/ or exp sample size/ or exp secondary analysis/ or exp technique/ or exp triangulation/ or exp "medical record review"/ or exp semi structured interview/ or exp structured interview/ or exp unstructured interview/ or exp observational method/ or exp questionnaire/ or exp open ended questionnaire/ or exp structured questionnaire/ or exp model/
	Basic Epidemiology	(inciden\$ or prevalen\$ or epidemiolog\$) <b>Exp Epidemiology/ or exp prevalence/ or exp Incidence/</b>
	Remission/ Duration	(remission or relapse\$ or recover\$ or "disease course" or "disease duration" or (treatment ADJ) outcome\$) or abstinen\$) <b>(exp REMISSION/ or exp RELAPSE/ or exp DISEASE COURSE/ or exp DISEASE DURATION/ or exp Treatment Outcome/ or exp ABSTINENCE/)</b> [Remission cohort restriction]: <b>exp COHORT ANALYSIS/ or exp LONGITUDINAL STUDY</b>
	Mortality	Mortal\$ or fatal\$ or death\$ <b>exp DEATH/ or exp "CAUSE OF DEATH"/ or exp ACCIDENTAL DEATH/ or exp SUDDEN DEATH/ or exp Fatality/ or exp Mortality/ or exp Hospitalization/</b>
	Cohort	"cohort" OR "longitudinal" OR "incidence" OR "prospective" OR "follow-up" <b>exp COHORT ANALYSIS/ or exp LONGITUDINAL STUDY/ or exp PROSPECTIVE STUDY/ or exp Follow Up/</b>
	Drug Use	Drug abuse OR drug use\$ OR drug misuse OR drug dependenc\$ OR substance abuse OR substance use\$ OR substance misuse OR substance dependenc\$ OR addict\$ <b>exp substance abuse/ or exp drug abuse/ or exp analgesic agent abuse/ or exp drug abuse pattern/ or exp drug misuse/ or exp drug traffic/ or exp multiple drug abuse/ or exp addiction/ or exp drug dependence/ or exp cocaine dependence/ or narcotic dependence/ or exp heroin dependence/ or exp morphine addiction/ or exp opiate addiction/</b>
PsychINFO^	Benzos	Benzodiazepine\$ OR benzo OR Benzos OR alprazolam OR anthramycin OR

GBD2005  
Mental Disorders and Illicit Drug Use Expert Group

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	Gold standard epidemiology	"prevalence" OR "incidence" OR "epidemiolog\$" OR "data collection" OR "Survey" OR "surveillance" OR "screening" OR "population study" OR "population sample" OR "population survey" OR "population surveillance" OR "community sample" OR "RAR" OR "rapid assessment" OR "situation\$ assessment" OR "statistics" <b>Exp epidemiology/ or exp STATISTICS/ or exp "POPULATION (STATISTICS)"/ or exp disease course/ or exp statistical analysis/</b>
	Basic epidemiology	Prevalen\$ or inciden\$ or epidemiolog\$ <b>Exp epidemiology/</b>
	Remission/ Duration	(remission or relapse\$ or recover\$ or "disease course" or "disease duration" or (treatment ADJ) outcome\$) or abstinem\$) <b>(exp "REMISSION (DISORDERS)"/ or exp "RELAPSE (DISORDERS)"/ or exp "RECOVERY (DISORDERS)"/ or exp DISEASE COURSE/ or exp TREATMENT OUTCOMES/ or exp Drug Rehabilitation/ or exp DRUG ABSTINENCE/</b> [Remission cohort restriction]: cohort OR longitudinal OR prospective OR follow-up <b>or exp cohort analysis/</b>
	Mortality	Mortal\$ or fatal\$ or death\$ <b>exp "DEATH AND DYING"/ or exp Mortality/ or exp Hospitalization</b>
	Cohort	"cohort" OR "longitudinal" OR "incidence" OR "prospective" OR "follow-up" <b>Exp age differences/ or exp cohort analysis/ or exp human sex differences</b>
	Drug Use	Drug abuse OR drug use\$ OR drug misuse OR drug dependenc\$ OR substance abuse OR substance use\$ OR substance misuse OR substance dependenc\$ OR addict\$ <b>Exp drug abuse/ or exp drug addiction/ or exp addiction/ or exp drug usage</b>

\* 'key-words' in lowercase, 'MeSH' terms in **bold**

# 'key-words' in lowercase, 'EMTREE' terms in **bold**

^ 'key words' in lowercase, explode terms in **bold**