

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

Database	Search group	Search terms	
Medline*	Heroin/Opium	heroin or opium or opiate\$ <b>Exp Opium/ or exp Narcotics/ or exp Heroin Dependence/ or exp Heroin/ or exp Morphine/ or exp Opioid-Related Disorders/ or exp Opiate Alkaloids/ or exp Methadone/ or exp Analgesics, Opioid/</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#	Heroin/Opium	"heroin" or "opioid\$" or "opiate\$" or "opium" <b>exp Diamorphine/ or exp Opiate/ or exp METHADONE TREATMENT/ or exp METHADONE/</b>
		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 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/</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/ or exp RELAPSE/ or exp DISEASE COURSE/ or exp DISEASE DURATION/ or exp Treatment Outcome/ or exp ABSTINENCE/)</b> <i>[Remission cohort restriction]: exp COHORT ANALYSIS/ or exp LONGITUDINAL STUDY</i>	
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>	

Database	Search group	Search terms
	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^	Heroin/Opium	"heroin" or "opium" or "opiate\$" or "methadone" <b>exp Opiates/ or exp METHADONE/ or exp HEROIN ADDICTION/ or exp HEROIN</b>
	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 abstinens\$) <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**