

Table 1 Search terms by database for search strategy #1, June 2011

	Tobacco	Dependence	Metric	Additional terms	Number of citations
PUBMED	"tobacco" [MeSH Terms] OR "tobacco" [tiab] OR "smokeless tobacco" [tiab] OR "Tobacco, smokeless" [MeSH] OR "cigarette smoking" [tiab] AND "smoking" [MeSH] OR "smoking" [tiab] OR "nicotine" [MeSH] OR "nicotine" [tiab] OR "chicha" [tiab] OR "hookah" [tiab] OR "hubble-bubble" [tiab] OR "hubbly-bubbly" [tiab] OR "narghile" [tiab] OR "nargileh" [tiab] OR "sheesha" [tiab] OR "shisa" [tiab] OR "water pipe" [tiab] OR "pipe" [tiab] OR "tobacco pipe" [tiab] OR "bidi" [tiab] OR "kretek" [tiab] OR "hand-rolled cigarettes" [tiab] OR "cigars" [tiab] OR "chewing tobacco" [tiab] OR "paan" [tiab] OR "ghutka" [tiab] OR "naswar" [tiab] OR "snus" [tiab] OR "dip" [tiab] OR "snuff" [tiab]	"dependency (psychology)" [MeSH] OR ("dependency" [tiab] AND "psychology" [tiab]) OR "dependence" [tiab] OR ("behaviour" [tiab] AND "addictive" [tiab]) OR "addictive behaviour" [tiab] OR "addiction" [tiab] OR "Behaviour, Addictive/psychology" [MeSH] OR "tobacco use disorder" [tiab] OR "Tobacco Use Disorder" [MeSH] OR "substance abuse" [tiab] OR "Substance Withdrawal Syndrome" [MeSH] OR "Smoking Cessation" [tiab] OR "Smoking Cessation" [MeSH]	"Health Surveys" [MeSH] OR "diagnosis" [MeSH] OR "diagnosis" [tiab] OR ("diagnostic" [tiab] AND tool[tiab]) OR "assessment" [tiab] OR "weights" [tiab] AND "measures" [tiab] OR "weights and measures" [tiab] OR "scale" [tiab] OR "weights and measures" [MeSH] OR "Health Status Indicators" [MeSH] OR "Population Surveillance" [MeSH]	"validity" [tiab] OR "valid" [tiab] OR "reliability" [tiab] OR "reliable" [tiab] OR "sensitivity" [tiab] OR "specificity" [tiab]	323
EMBASE	('tobacco':de,ab,ti OR 'smokeless tobacco':de,ab,ti OR 'cigarette smoking':ab,ti OR 'smoking':ab,ti OR 'nicotine':ab,ti OR 'chicha':ab,ti OR 'hubble-bubble':ab,ti OR 'hubbly-bubbly':ab,ti OR 'kalian':ab,ti OR 'narghile':ab,ti OR 'nargileh':ab,ti OR 'sheesha':ab,ti OR 'shisa':ab,ti OR 'water pipe':ab,ti OR 'pipe':ab,ti OR 'tobacco pipe':ab,ti OR 'calean':ab,ti OR 'bidi?':ab,ti OR 'kretek?':ab,ti OR 'hand-rolled cigarette?':ab,ti OR 'cigars':ab,ti OR 'chewing tobacco':ab,ti OR 'hookah':ab,ti OR 'paan':ab,ti OR 'ghutka':ab,ti OR 'snus':ab,ti OR 'snuff':ab,ti	('tobacco dependence':de,ab,ti OR 'smoking cessation':ab,ti OR 'addiction':ab,ti OR 'drug dependence':de OR 'withdrawal syndrome':de OR 'substance abuse':ab,ti)	('diagnos?s':de,ab,ti OR 'checklist':de OR 'health survey':de OR 'health care survey':de OR 'measurement':de OR 'instrument':de,ab,ti OR 'clinical assessment tool':de,ab,ti OR 'questionnaire':de,ab,ti)	('validity':ab,ti OR 'valid':ab,ti OR 'reliability':ab,ti OR 'reliable':ab,ti OR 'sensitivity':ab,ti OR 'specificity':ab,ti)	439
PSYINFO	'tobacco orbs':ab,ti OR 'tobacco sticks':ab,ti OR 'dip':ab,ti OR 'snuff':ab,ti) (Tobacco OR smokeless tobacco OR cigarette smoke OR cigarettes OR smoking OR nicotine OR chicha OR hookah OR hubble-bubble OR hubbly-bubbly OR kalia* OR narghile OR nargileh OR sheesha OR shisa OR water pipe OR pipe OR tobacco pipe OR calean OR bidi* OR kretek* OR hand-rolled cigarettes OR cigars OR chewing tobacco OR paan OR ghutka OR naswar OR snus OR tobacco orbs or tobacco sticks OR dip OR snuff)	(Dependen* OR tobacco dependence OR smoking cessation OR addiction OR drug dependence OR withdrawal syndrome OR substance abuse OR loss of autonomy)	(Criteria OR diagnosis OR checklist OR health survey OR health care survey OR measurement OR instrument OR clinical assessment tool OR questionnaire)	(Validity or valid or reliability or reliable or sensitivity or specificity)	245
SCOPUS	TITLE-ABS-KEY((Tobacco)) OR TITLE-ABS-KEY ((smokeless tobacco)) OR KEY((cigarette smoke)) OR TITLE((smoking)) OR TITLE-ABS-KEY((nicotine)) OR TITLE-ABS-KEY((chicha)) OR TITLE-ABS-KEY((hookah)) OR TITLE-ABS-KEY((hubble-bubble)) OR TITLE-ABS-KEY((hubbly-bubbly)) OR TITLE-ABS-KEY ((kalian)) OR TITLE-ABS-KEY((narghile)) OR TITLE-ABS-KEY((nargileh)) OR TITLE-ABS-KEY ((sheesha)) OR TITLE-ABS-KEY((shisa)) OR TITLE-ABS-KEY((water pipe)) OR TITLE-ABS-KEY ((pipe)) OR TITLE-ABS-KEY((tobacco pipe)) OR TITLE-ABS-KEY((calean)) OR TITLE-ABS-KEY("bidi?") OR TITLE-ABS-KEY("kretek?") OR TITLE-ABS-KEY	TITLE-ABS-KEY("Dependen*") OR TITLE-ABS-KEY ((tobacco dependence)) OR KEY((smoking cessation)) OR TITLE-ABS-KEY((addiction)) OR KEY ((drug dependence)) OR KEY((withdrawal syndrome)) OR KEY((substance abuse)) OR ABS ((loss of autonomy))	TITLE-ABS-KEY((Criteria)) OR TITLE-ABS-KEY ("diagnos?s") OR TITLE-ABS-KEY((checklist)) OR TITLE-ABS-KEY((health survey)) OR KEY((health care survey)) OR KEY((measurement)) OR TITLE-ABS-KEY ((instrument)) OR KEY((clinical assessment tool)) OR KEY((questionnaire))	TITLE-ABS-KEY((validity)) OR TITLE-ABS-KEY((valid)) OR TITLE-ABS-KEY ((validity)) OR TITLE-ABS-KEY((reliability)) OR TITLE-ABS-KEY((reliable)) OR TITLE-ABS-KEY((sensitivity)) OR TITLE-ABS-KEY((specificity))	800

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Table 1 Continued

	Tobacco	Dependence	Metric	Additional terms	Number of citations
	("hand-rolled cigarette?") OR TITLE-ABS-KEY ((cigars)) OR TITLE-ABS-KEY((chewing tobacco)) OR TITLE-ABS-KEY((paan)) OR TITLE-ABS-KEY((ghutka)) OR TITLE-ABS-KEY((naswar)) OR TITLE-ABS-KEY ((snus))				
CINAHL	Tobacco OR smokeless tobacco OR cigarette smoke OR cigarettes OR smoking OR nicotine OR chicha OR hookah OR hubble-bubble OR hubbly-bubbly OR kalia* OR narghile OR nargileh OR sheesha OR shisa OR water pipe OR pipe OR tobacco pipe OR calean OR bidi* OR kretek* OR hand-rolled cigarettes OR cigars OR chewing tobacco OR paan OR ghutka OR naswar OR snus OR tobacco orbs or tobacco sticks OR dip OR snuff	Dependen* OR tobacco dependence OR smoking cessation OR addiction OR drug dependence OR withdrawal syndrome OR substance abuse OR loss of autonomy	Criteria OR diagnosis OR checklist OR health survey OR health care survey OR measurement OR instrument OR clinical assessment tool OR questionnaire	Validity OR valid OR reliability OR reliable OR sensitivity OR specificity	391
GLOBAL HEALTH	Tobacco OR smokeless tobacco OR cigarette smoke OR cigarettes OR smoking OR nicotine OR chicha OR hookah OR hubble-bubble OR hubbly-bubbly OR kalia* OR narghile OR nargileh OR sheesha OR shisa OR water pipe OR pipe OR tobacco pipe OR calean OR bidi* OR kretek* OR hand-rolled cigarettes OR cigars OR chewing tobacco OR paan OR ghutka OR naswar OR snus OR tobacco orbs or tobacco sticks OR dip OR snuff	Dependen* OR tobacco dependence OR smoking cessation OR addiction OR drug dependence OR withdrawal syndrome OR substance abuse OR loss of autonomy	Criteria OR diagnosis OR checklist OR health survey OR health care survey OR measurement OR instrument OR clinical assessment tool OR questionnaire	Validity OR valid OR reliability OR reliable OR sensitivity OR specificity	77