

Appendix 1 Search strategies for electronic databases

Database: Ovid MEDLINE <1966 to September 5th 2006>Search Strategy:

Terms followed by a '/' are MeSH headings.

Terms preceded by exp indicate the MeSH term was exploded.

Terms followed by .tw indicate the term was searched as a text word.

- 1 exp CANNABIS/
- 2 cannabis.tw.
- 3 marihuana.tw.
- 4 marijuana.tw.
- 5 Marijuana Smoking/
- 6 hashish.tw.
- 7 Marijuana Abuse/
- 8 ganja.tw.
- 9 bhang.tw.
- 10 hemp.tw.
- 11 exp Cannabinoids/
- 12 cannabinoid\$.tw.
- 13 or/1-12
- 14 exp "schizophrenia and disorders with psychotic features"/
- 15 schizo\$.tw.
- 16 psychosis.tw.
- 17 psychotic\$.tw.
- 18 exp mood disorders/
- 19 Neurotic Disorders/
- 20 mental disorders/
- 21 psychoses.tw.
- 22 bipolar.tw.
- 23 Depression/
- 24 manic.tw.
- 25 mania.tw.
- 26 Anxiety/
- 27 anxiety.tw.
- 28 depression.tw.
- 29 exp Anxiety Disorders/
- 30 hypomani\$.tw.
- 31 hallucinations/
- 32 hallucinat\$.tw.
- 33 delusions/
- 34 delusion\$.tw.
- 35 thought disorder\$.tw.
- 36 affective disorder\$.tw.
- 37 Schizotypal Personality Disorder/
- 38 or/14 -37
- 39 13 and 38
- 40 exp animals/ not human/
- 41 39 not 40

Database: EMBASE <1980 to September 5th 2006>

Search Strategy:

- 1 Cannabis/
- 2 Cannabis Addiction/
- 3 cannabinoid/
- 4 cannabis.tw.
- 5 marihuana.tw.
- 6 marijuana.tw.
- 7 hashish.tw.
- 8 ganja.tw.
- 9 bhang.tw.
- 10 hemp.tw.
- 11 cannabinoid\$.tw.
- 12 or/1-11
- 13 exp psychosis/
- 14 schizo\$.tw.
- 15 psychosis.tw.
- 16 psychotic\$.tw.
- 17 exp mood disorder/
- 18 exp Neurosis/
- 19 mental disease/
- 20 psychoses.tw.
- 21 bipolar.tw.
- 22 Depression/
- 23 manic.tw.
- 24 mania.tw.
- 25 Anxiety/
- 26 anxiety.tw.
- 27 depression.tw.
- 28 exp Anxiety Disorder/
- 29 hypomani\$.tw.
- 30 hallucinations/
- 31 hallucinat\$.tw.
- 32 delusions/
- 33 delusion\$.tw.
- 34 thought disorder\$.tw.
- 35 affective disorder\$.tw.
- 36 Schizotypal Personality Disorder/
- 37 or/13-36
- 38 12 and 37
- 39 (exp animals/ or exp nonhuman/) not exp human/
- 40 38 not 39

Database: CINAHL - Cumulative Index to Nursing & Allied Health Literature <1982 to September 2006>

Search Strategy:

-
- 1 exp CANNABIS/
 - 2 cannabis.tw.
 - 3 marihuana.tw.
 - 4 marijuana.tw.
 - 5 hashish.tw.
 - 6 ganja.tw.
 - 7 bhang.tw.
 - 8 hemp.tw.
 - 9 cannabinoid\$.tw.
 - 10 schizophren\$.tw.
 - 11 psychosis.tw.
 - 12 psychotic\$.tw.
 - 13 mental disorders/
 - 14 psychoses.tw.
 - 15 bipolar.tw.
 - 16 manic.tw.
 - 17 mania.tw.
 - 18 anxiety.tw.
 - 19 depression.tw.
 - 20 hypomani\$.tw.
 - 21 exp Psychotic Disorders/
 - 22 exp Neurotic Disorders/
 - 23 anxiety/
 - 24 hallucinations/
 - 25 hallucinat\$.tw.
 - 26 delusions/
 - 27 delusion\$.tw.
 - 28 thought disorder\$.tw.
 - 29 affective disorder\$.tw.
 - 30 or/1-9
 - 31 or/10-29
 - 32 30 and 31

PsycINFO on WebSPIRS (1872 to September 2006)

Search History

#45 #41 not #44

#44 #42 not #43

#43 HUMAN in PO

#42 ANIMAL in PO

#41 ((marijuana) or (marihuana) or (explode "Cannabinoids-" in MJ,MN) or (cannabic) or ("Marijuana-Usage" in MJ,MN) or (cannabis*) or (explode "Cannabis-" in MJ,MN) or (cannabinoid*) or (hemp) or (bhang) or (ganja) or (hashish)) and (((hypomania) or (depression) or (anxiety) or (mania) or (manic) or (psychotic*) or (bipolar) or (psychosis) or (psychoses) or (schizophren*)) or ((explode "Psychosis-" in MJ,MN) or ("Mental-Disorders" in MJ,MN) or ("Anxiety-" in MJ,MN) or (explode "Neurosis-" in MJ,MN) or ("Anxiety-Disorders" in MJ,MN) or ("Schizoaffective-

Disorder" in MJ,MN) or (explode "Major-Depression" in MJ,MN) or (explode "Affective-Psychosis" in MJ,MN) or (explode "Bipolar-Disorder" in MJ,MN) or (explode "Mania-" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Acute-Psychosis" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Schizophrenia-" in MJ,MN)))

#40 ((hypomania) or (depression) or (anxiety) or (mania) or (manic) or (psychotic*) or (bipolar) or (psychosis) or (psychoses) or (schizophren*)) or ((explode "Psychosis-" in MJ,MN) or ("Mental-Disorders" in MJ,MN) or ("Anxiety-" in MJ,MN) or (explode "Neurosis-" in MJ,MN) or ("Anxiety-Disorders" in MJ,MN) or ("Schizoaffective-Disorder" in MJ,MN) or (explode "Major-Depression" in MJ,MN) or (explode "Affective-Psychosis" in MJ,MN) or (explode "Bipolar-Disorder" in MJ,MN) or (explode "Mania-" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Acute-Psychosis" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Schizophrenia-" in MJ,MN))

#39 (hypomania) or (depression) or (anxiety) or (mania) or (manic) or (psychotic*) or (bipolar) or (psychosis) or (psychoses) or (schizophren*)

#38 (explode "Psychosis-" in MJ,MN) or ("Mental-Disorders" in MJ,MN) or ("Anxiety-" in MJ,MN) or (explode "Neurosis-" in MJ,MN) or ("Anxiety-Disorders" in MJ,MN) or ("Schizoaffective-Disorder" in MJ,MN) or (explode "Major-Depression" in MJ,MN) or (explode "Affective-Psychosis" in MJ,MN) or (explode "Bipolar-Disorder" in MJ,MN) or (explode "Mania-" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Acute-Psychosis" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Schizophrenia-" in MJ,MN)

#37 hypomania

#36 depression

#35 anxiety

#34 mania

#33 manic

#32 bipolar

#31 psychoses

#30 psychotic*

#29 psychosis

#28 schizophren*

#27 "Mental-Disorders" in MJ,MN

#26 "Anxiety-" in MJ,MN

#25 explode "Neurosis-" in MJ,MN

#24 "Anxiety-Disorders" in MJ,MN

#23 "Schizoaffective-Disorder" in MJ,MN

#22 explode "Affective-Psychosis" in MJ,MN

#21 explode "Mania-" in MJ,MN

#20 explode "Major-Depression" in MJ,MN

#19 explode "Bipolar-Disorder" in MJ,MN

#18 explode "Affective-Disorders" in MJ,MN

#17 explode "Acute-Psychosis" in MJ,MN

#16 explode "Affective-Disorders" in MJ,MN

#15 explode "Schizophrenia-" in MJ,MN

#14 explode "Psychosis-" in MJ,MN

#13 (marijuana) or (marihuana) or (explode "Cannabinoids-" in MJ,MN) or (cannabic) or ("Marijuana-Usage" in MJ,MN) or (cannabis*) or (explode "Cannabis-" in MJ,MN) or (cannabinoid*) or (hemp) or (bhang) or (ganja) or (hashish)

#12 cannabic

#11 cannabis*
#10 cannabinoid*
#9 hemp
#8 bhang
#7 ganja
#6 hashish
#5 marijuana
#4 marihuana
#3 explode "Cannabinoids-" in MJ,MN
#2 "Marijuana-Usage" in MJ,MN
#1 explode "Cannabis-" in MJ,MN

ISI Web of Knowledge (1945 to July 2006) and ISI Proceedings (1990 to September 2006)

#11 #6 or #7 or #8 or #9 or #10
#10 #1 and (#4 or #5)
#9 #1 and #3
#8 #1 and #2
#7 TS=(depression and (cannabis* or marihuana or marijuana hashish or bhang or ganja or hemp or cannabinoid*))
#6 TS=(anxiety and (cannabis* or marihuana or marijuana hashish or bhang or ganja or hemp or cannabinoid*))
#5 TS=(Affective disorder*)
#4 TS=(Mood disorder*)
#3 TS=schizo*
#2 TS=(psychosis or psychoses or psychotic or mania or hypomania or manic or bipolar)
#1 TS=(cannabis* or marihuana or marijuana or hashish or bhang or ganja or hemp or cannabinoid*) DocType=All document types; Language=All languages; Database(s)=SCI-EXPANDED, SSCI, A&HCI; Timespan=1945-2005

ZETOC (British library database of journal and conference contents) (1993 to September 2006).

Strategy
"Cannabis and psycho*"

BIOSIS (1985 to September 2006)

Search terms:

(al: (depression or anxiety or schizo* or bipolar or mania or manic or hypomani* or psychosis or psychoses or psychotic* or affective disorder*) and (cannabis* or marijuana* or marihuana* or ganja or hemp or bhang) and (human*))

LILACS - Latin American and Caribbean Health Sciences (1982 to September 2006)

Search strategy:

cannabis\$ or marihuana\$ or marijuana\$ [Words] and psychosis or psychoses or psychotic\$ or bipolar or manic or mania or depression or anxiety or hypomani\$ or schizo\$ [Words]

MEDCARIB - Caribbean Health Sciences Literature (dating from the 18th Century to September 2006)

Search strategy:

cannabis\$ or marihuana\$ or marijuana\$ [Words] and psychosis or psychoses or psychotic\$ or bipolar or manic or mania or depression or anxiety or hypomani\$ or schizo\$ [Words]