

Appendix Table 1. Search Strategies*

Key Question 1

1 HEMOCHROMATOSIS/
 2 hemochromatosis.ti,ab.
 3 haemochromatosis.ti,ab.
 4 Iron Overload/
 5 iron overload.ti,ab.
 6 c282y.ti,ab.
 7 1 or 2 or 3 or 4 or 5 or 6
 8 cohort studies/ or longitudinal studies/ or follow-up
 studies/ or prospective studies/
 9 follow-up stud\$.ti,ab.
 10 cohort stud\$.ti,ab.
 11 longitudinal\$.ti,ab.
 12 prospective\$.ti,ab.
 13 INCIDENCE/
 14 incidence.ti,ab.
 15 predict\$.ti,ab,hw.
 16 natural history.ti,ab.
 17 penetrance/
 18 penetran\$.ti,ab.
 19 clinical expression\$.ti,ab.
 20 clinical presentation\$.ti,ab.
 21 clinical consequence\$.ti,ab.
 22 clinical feature\$.ti,ab.
 23 clinical manifestation\$.ti,ab.
 24 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or
 18 or 19 or 20 or 21 or 22 or 23
 25 7 and 24
 26 limit 25 to (humans and english language)
 27 limit 26 to "all child (0 to 18 years)"
 28 limit 27 to "all adult (19 plus years)"
 29 27 not 28
 30 26 not 29
 31 (editorial or letter or news).pt.
 32 30 not 31

Key Question 2

1 HEMOCHROMATOSIS/
 2 hemochromatosis.ti,ab.)
 3 haemochromatosis.ti,ab.
 4 Iron Overload/
 5 iron overload.ti,ab.
 6 1 or 2 or 3 or 4 or 5
 7 BLOODLETTING/
 8 blood lett\$.ti,ab.)
 9 PHEBOTOMY/
 10 phlebotom\$.ti,ab.
 11 venesect\$.ti,ab.
 12 7 or 8 or 9 or 10 or 11
 13 6 and 12
 14 Hemochromatosis/th [Therapy]
 15 Iron Overload/th [Therapy]
 16 13 or 14 or 15
 17 limit 16 to (humans and english language)
 18 limit 17 to "all child (0 to 18 years)"
 19 limit 18 to "all adult (19 plus years)"
 20 18 not 19
 21 17 not 20
 22 (editorial or letter or news).pt.
 23 21 not 22

Key Question 3

1 HEMOCHROMATOSIS/
 2 hemochromatosis.ti,ab.
 3 haemochromatosis.ti,ab.
 4 1 or 2 or 3
 5 family/ or nuclear family/ or parents/ or fathers/ or
 mothers/ or siblings/
 (family or families).ti,ab.
 6 (relative or relatives).ti,ab.
 7 sibling\$.ti,ab.

Appendix Table 1—Continued

9 (mother\$ or father\$).ti,ab.
 10 parent\$.ti,ab.
 11 5 or 6 or 7 or 8 or 9 or 10
 12 screen\$.ti,ab,hw.
 13 diagnos\$.ti,ab,hw.
 14 di.fs.
 15 12 or 13 or 14
 16 4 and 11 and 15
 17 target\$.ti,ab.
 18 4 and 15 and 17
 19 Risk Factors/
 20 risk factor\$.ti,ab.
 21 increased risk\$.ti,ab.
 22 high risk.ti,ab.
 23 prognostic factor\$.ti,ab.
 24 19 or 20 or 21 or 22 or 23
 25 4 and 24
 26 cascad\$.ti,ab.
 27 4 and 26
 28 Liver Function Tests/
 29 liver function.ti,ab.
 30 (abnormal\$ adj3 liver).ti,ab.
 31 (increased adj3 liver).ti,ab.
 32 (elevate\$ adj3 liver).ti,ab.
 33 28 or 29 or 30 or 31 or 32
 34 4 and 33
 35 16 or 18 or 25 or 27 or 34
 36 limit 35 to english language
 37 limit 36 to humans
 38 limit 37 to "all child (0 to 18 years)"
 39 limit 38 to "all adult (19 plus years)"
 40 38 not 39
 41 37 not 40
 42 (editorial or letter or news).pt.
 43 41 not 42

Background

1 hemochromatosis
 2 hemochromatosis.ti,ab.
 3 haemochromatosis.ti,ab.
 4 1 or 2 or 3
 5 PREVALENCE/
 6 prevalen\$.ti,ab.
 7 5 or 6
 8 4 and 7
 9 HEMOCHROMATOSIS/ep [Epidemiology]
 10 mo.fs.
 11 "Cause of Death"/
 12 Survival Rate/
 13 Life Expectancy/
 14 mortality.ti,ab.
 15 10 or 11 or 12 or 13 or 14
 16 4 and 15
 17 8 or 9 or 16
 18 limit 17 to english language
 19 limit 18 to humans
 20 limit 19 to "all child (0 to 18 years)"
 21 limit 20 to "all adult (19 plus years)"
 22 20 not 21
 23 19 not 22
 24 (letter or news or editorial).pt.
 25 23 not 24

* Databases: MEDLINE, DARE (Database of Abstracts of Reviews of Effects), Cochrane Database of Systematic Reviews, Cochrane Central Register of Controlled Trials. Dates searched: 1966 to February 2005.

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