Appendix 1. Detailed search strategy

**MEDLINE**
1. chd risk assessment$.mp.
2. cvd risk assessment$.mp.
3. heart disease risk assessment$.mp.
4. coronary disease risk assessment$.mp.
5. cardiovascular disease risk assessment$.mp.
7. cv risk assessment$.mp.
8. cardiovascular disease$ risk assessment$.mp.
9. coronary risk assessment$.mp.
10. coronary risk scor$.mp.
11. heart disease risk scor$.mp.
12. chd risk scor$.mp.
13. cardiovascular risk scor$.mp.
15. cvd risk scor$.mp.
16. cv risk scor$.mp.
17. or/1-16
18. cardiovascular diseases/
19. coronary disease/
20. cardiovascular disease$.mp.
21. heart disease$.mp.
22. coronary disease$.mp.
23. cardiovascular risk?.mp.
24. coronary risk?.mp.
25. exp hypertension/
26. exp hyperlipidemia/
27. or/18-26

**EMBASE**
1. chd risk assessment$.mp.
2. cvd risk assessment$.mp.
3. heart disease risk assessment$.mp.
4. coronary disease risk assessment$.mp.
5. cardiovascular disease risk assessment$.mp.
7. cv risk assessment$.mp.
8. cardiovascular disease$ risk assessment$.mp.
9. coronary risk assessment$.mp.
10. coronary risk scor$.mp.
11. heart disease risk scor$.mp.
12. chd risk scor$.mp.
13. cardiovascular risk scor$.mp.
15. cvd risk scor$.mp.
16. cv risk scor$.mp.
17. or/1-16
18. *cardiovascular disease/
19. *coronary artery disease/
20. cardiovascular disease$.mp.
21. heart disease$.mp.
22. coronary disease$.mp.
23. cardiovascular risk?.mp.
24. coronary risk?.mp.
25. exp *hypertension/
26. exp *hyperlipidemia/
27. or/18-26
28 risk function.mp.
29 Risk Assessment/mt
30 risk functions.mp.
31 risk equation$.mp.
32 risk chart?.mp.
33 (risk adj3 tool$).mp.
34 risk assessment function?.mp.
35 risk assessor.mp.
36 risk appraisal$.mp.
37 risk calculation$.mp.
38 risk calculator$.mp.
39 risk factor$ calculator$.mp.
40 risk factor$ calculation$.mp.
41 risk engine$.mp.
42 risk equation$.mp.
43 risk table$.mp.
44 risk threshold$.mp.
45 risk disc?.mp.
46 risk disk?.mp.
47 risk scoring method?.mp.
48 scoring scheme?.mp.
49 risk scoring system?.mp.
50 risk prediction?.mp.
51 predictive instrument?.mp.
52 project$ risk?.mp.
53 cdss.mp.
54 or/28-53
55 27 and 54
56 17 or 55
56 or 86
exp decision support techniques/
Diagnosis, Computer-Assisted/
Decision Support Systems, Clinical/
algorithms/
algorithm?.mp.
algorhythm?.mp.
decision support?.mp.
predictive model?.mp.
treatment decision?.mp.
scoring method$.mp.
(prediction$ adj3 method$).mp.
or/88-98
Risk Factors/
exp Risk Assessment/
(risk? adj1 assess$).mp.
risk factor?.mp.
or/100-103
27 and 99 and 104
87 or 105
stroke.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept, rare disease supplementary concept, unique identifier]
56 or 86
exp *decision support system/
*computer assisted diagnosis/
*computer assisted diagnosis/
*algorithm/
algorithm?.mp.
algorythm?.mp.
decision support?.mp.
predictive model?.mp.
treatment decision?.mp.
scoring method$.mp.
(prediction$ adj3 method$).mp.
or/88-98
*risk factor/
exp *risk assessment/
(risk? adj1 assess$).mp.
risk factor?.mp.
or/100-103
27 and 99 and 104
87 or 105
exp Stroke/
cerebrovascular.mp. or exp Cerebrovascular Circulation/
limit 106 to ed=20040101-20130601
107
87 or 105
111 and 99 and 104
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