

### Appendix 3. EMBASE Search Strategy

1. exp eye disease/
2. exp cataract extraction/
3. lens implantation/
4. lens implant/
5. cataract\$.tw.
6. ((intraocular or intra ocular) adj3 lens\$).tw.
7. (IOL or IOLs).tw.
8. vision test/
9. visual acuity/
10. refractive error/
11. visual field/
12. perimetry/
13. contrast sensitivity/
14. depth perception/
15. (visual adj2 (acuit\$ or field\$)).tw.
16. contrast sensitivity.tw.
17. (depth perception or stereopsis).tw.
18. ((impair\$ or decreas\$ or declin\$) adj3 (vision or visual\$ or sight\$)).tw.
19. (improv\$ adj3 (vision or visual\$ or sight\$)).tw.
20. ((visual or vision) adj2 function\$).tw.
21. vision/
22. or/1-21
23. mass screening/
24. ((eye\$ or sight or vision or visual\$) adj2 (test\$ or screen\$ or exam\$ or diagnos\$ or assess\$)).tw.
25. 23 and 24
26. 22 or 25
27. exp car driving/
28. exp motor vehicle/
29. traffic accident/
30. (driver\$ or driving).tw.
31. (automobile\$ or car or cars or vehicle\$).tw.
32. (motoring or motorcar or "motor car" or "motor cars").tw.
33. crash\$.tw.
34. ((road or traffic) adj2 injur\$).tw.
35. ((road or traffic or motor) adj2 (accident\$ or incident\$)).tw.
36. ((road or traffic or motor) adj2 collision\$).tw.
37. or/27-36
38. study design/
39. controlled clinical trial/
40. case control study/
41. cohort analysis/
42. observational study/
43. follow up/
44. longitudinal study/
45. prospective study/
46. retrospective study/
47. epidemiology/
48. cross-sectional study/
49. control group/

50. crossover procedure/
51. "meta analysis (topic)"/
52. network meta-analysis/
53. randomization/
54. single blind procedure/
55. double blind procedure/
56. "clinical trial (topic)"/
57. "controlled clinical trial (topic)"/
58. "randomized controlled trial (topic)"/
59. "multicenter study (topic)"/
60. feasibility study/
61. pilot study/
62. comparative study/
63. evaluation study/
64. multicenter study/
65. randomized controlled trial/
66. meta analysis/
67. "systematic review"/
68. validation study/
69. interview/
70. questionnaire/
71. outcome assessment/
72. "systematic review (topic)"/
73. health survey/
74. risk factor/
75. self report/
76. evidence based practice/
77. (population or cohort or observation\$ or intervention\$ or prospective or retrospective or comparative).tw.
78. (questionnaire\$ or survey\$).tw.
79. (randomized or randomised or randomly or RCT).tw.
80. (systematic review or meta-analysis).tw.
81. (before adj2 after).tw.
82. (case\$ adj2 control\$).tw.
83. (cross adj1 section\$).tw.
84. or/38-83
85. 26 and 37
86. 84 and 85
87. vehicle-controlled.tw.
88. (vehicle adj3 inject\$).tw.
89. or/87-88
90. 86 not 89
91. (animal\$ or mouse or mice\$ or dog or canine or rat or rats or primate\$).ti.
92. (dry eye or cell\$ or mutation\$ or genes or genome or sequencing).ti.
93. or/91-92
94. 90 not 93
95. limit 94 to conference abstract status
96. 94 not 95
97. limit 96 to english language
98. exp case report/
99. (case adj2 report\$).tw.

100. or/98-99

101. 97 not 100

102. limit 101 to (conference paper or "conference review" or editorial or letter or note)

103. 101 not 102