

## Appendix 1. Search strategy used in Ovid Medline

1. smokeless tobacco\*mp. or exp/ Tobacco, Smokeless
2. (oral adj3 tobacco\*).mp.
3. (chew\* adj3 tobacco).mp
4. (spit\* adj3 tobacco).mp
5. (dip\* adj3 tobacco).mp
6. (non-burnt adj3 tobacco).mp
7. gutk?a.mp
8. kiwam.mp
9. qiwam.mp
10. zarda.mp
11. mawa.mp
12. tuibur.mp
13. hidakphu.mp
14. tobacco water.mp
15. hogesoppu.mp
16. tambaku.mp
17. shamma.mp
18. gul.mp
19. nas.mp
20. nass.mp
21. snuf\*.mp
22. snus.mp
23. chimo.mp
24. iq?mik.mp
25. toombak.mp
26. tumbaku.mp
27. hnatsay.mp
28. dohra.mp
29. gundi.mp
30. lal dantmanjan.mp
31. Gadakhu.mp
32. mishri.mp
33. m?sheri.mp
34. n?swar.mp
35. raw tobacco.mp
36. Mainpuri tobacco.mp
37. (p?an adj3 (masala or quid)).mp
38. gudak?u.mp
39. k?aini.mp
40. (maras adj3 (powder or tobacco\*)).mp
41. (quid adj3 (betel or tobacco\*)).mp
42. ((twist\* or plug\*) adj3 tobacco).mp
43. ((loose leaf or toothpaste\*) adj3 tobacco\*).mp
44. ((pouch\* or mix\* or powder\*) adj3 tobacco\*).mp
45. water pipe\*.mp
46. shisha.mp

47. narg?ile.mp
48. arghile.mp
49. argileh.mp
50. ghelyoon.mp
51. boory.mp
52. hookah.mp
53. hubble bubble.mp
54. narkeela.mp
55. Goza.mp
56. exp Electronic Cigarettes/
57. e-cig\*.mp
58. electr\* cigar\*.mp
59. electronic nicotine.mp
60. vape\*.mp
61. vaping.mp OR exp Vaping/
62. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 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 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30  
OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 OR 37 OR 38 OR 39 or 40 OR 41 OR 42 OR 43 OR 44  
OR 45 OR 46 OR 47 OR 48 OR 49 OR 50 OR 51 OR 52 OR 53 OR 54 OR 55 OR 56 OR 57 OR 58  
OR 59 OR 60 OR 61 OR 61
63. exp Lung Neoplams/
64. lung cancer.mp
65. lung tumo?r.mp
66. lung neoplasm.mp
67. SCLC.ti.ab
68. NSCLC.ti.ab
69. (lung\* or pulmon\*) adj5 (tumor\* or tumour\* or cancer or neoplas\* or carcinoma\* or  
adenocarcinoma or squamous or oat cell or small cell).ti.ab
70. 63 OR 64 OR 65 OR 66 OR 67 OR 68 OR 69