

## Multimedia Appendix 1: Literature Search Strategy [MEDLINE version]

1. [HEDGE - Cellular or Mobile or Handheld or Wireless Technologies]
2. Cellular Phone/
3. exp microcomputers/ or computers, handheld/
4. blackberry.mp.
5. blackberrys.mp.
6. bluetooth.mp.
7. (car adj (phone or phones)).mp.
8. (cell\* adj phone?).mp.
9. (cell\* adj telephon\*).mp.
10. electr\* medical assistant\*.mp.
11. (handheld adj1 comput\*).mp.
12. (hand-held adj1 comput\*).mp.
13. (handheld adj1 devic\*).mp.
14. (hand-held adj1 devic\*).mp.
15. iphone?.mp.
16. ipod?.mp.
17. (mobile adj1 devic\*).mp.
18. (mobile adj1 phon\*).mp.
19. (mobile adj1 techn\*).mp.
20. (mobile adj telephon\*).mp.
21. multimedia messag\*.mp.
22. multi-media messag\*.mp.
23. "palm os".mp.
24. palmpilot?.mp.
25. palm pilot?.mp.
26. "palm pre".mp.
27. (palmtop adj1 comput\*).mp.
28. (palm-top adj1 comput\*).mp.
29. (pda adj1 comput\*).mp.
30. personal digital assist\*.mp.
31. short messag\*.mp.
32. smartphon\*.mp.
33. smart phon\*.mp.
34. (sms adj2 alert\*).mp.
35. (sms adj2 remind\*).mp.
36. (sms adj2 text\*).mp.
37. (text adj2 alert\*).mp.
38. (text adj1 messag\*).mp.
39. (text adj2 remind\*).mp.
40. txt msg\*.mp.
41. voice mail\*.mp.
42. voicemail\*.mp.
43. (voice adj1 messag\*).mp.
44. walkie-talkie?.mp.
45. wifi?.mp.

46. wi-fi?.mp.
47. wireless\*.mp.
48. skype.mp.
49. voip?.mp.
50. (voice adj1 internet\*).mp.
51. ipad.mp.
52. ipads.mp.
53. android.mp.
54. windows mobil\*.mp.
55. imedical app\*.mp.
56. (medical adj2 app).mp.
57. (medical adj2 apps).mp.
58. (health\* adj2 app).mp.
59. (health\* adj2 apps).mp.
60. (mobile adj3 app).mp.
61. (mobile adj3 apps).mp.
62. (mhealth adj4 app).mp.
63. (mhealth adj4 apps).mp.
64. or/1-63
65. Neoplasms/
66. 64 and 65
67. limit 66 to english language