**The List of Databases**

* MEDLINE (Ovid)
* Embase (Elsevier)
* The Cochrane Central Register of Controlled Trials (CENTRAL) (Wiley)
* PsychINFO (Ovid)
* Educational Resource Information Centre (ERIC) (Ovid)
* Cumulative Index to Nursing and Allied Health Literature (CINAHL)
* Web of Science Core Collection (Thomson Reuters)

**The List of Grey Literature Sources**

* ProQuest Dissertation and Theses Database
	+ <http://www.proquest.com/products-services/pqdtglobal.html>
* Google Scholar (first 500 references)
	+ <https://scholar.google.com.sg/>
* Global Health (Ovid)
	+ <http://www.ovid.com/site/catalog/databases/30.jsp?cid=ovid-web-OvidHomepage>
* Health Systems Evidence
	+ <https://www.healthsystemsevidence.org/?lang=en>
* PDQ-Evidence
	+ <https://www.pdq-evidence.org/>
* Joint Bank-Fund Library (between the IMF and World Bank)
	+ <http://external.worldbankimflib.org/external.htm>
* World Health Organization
	+ <http://www.who.int/en/>
* USAID
	+ <https://www.usaid.gov/>
* Health Systems 20/20
	+ *USAID’s Health Systems 20/20 Project website was retired in December, 2014.*
	+ *Health Systems 20/20 documents are available via the* [*USAID Development Experience Clearinghouse*](https://dec.usaid.gov/dec/home/Default.aspx) *(USAID DEC). The top 100 most popular documents were also migrated to the HFG website and are available under* [*Publications*](https://www.hfgproject.org/resources/publications/)*.*
* Management Sciences for Health
	+ <https://www.msh.org/>

**MEDLINE (Ovid) Search Strategy**

1. exp education, professional/ not education, veterinary/

2. Education, Predental/

3. Education, Premedical/

4. exp Students, Health Occupations/

5. ((medic\* or premedic\* or dent\* or laborator\* or predent\* or midwi?e\* or nurs\* or nutrition\* or orthop\* or podiat\* or pharmac\* or psycholog\* or psychiatr\* or health or healthcare or occupational therap\* or physiotherap\* or physical therap\* or clinical or surg\* or radiolog\* or obstetric\* or gyn?ecolog\* or orthodont\* or An?esthesi\* or Dermatolog\* or Oncolog\* or Rheumatolog\* or Neurolog\* or Patholog\* or P?ediatric\* or Cardiolog\* or Urolog\*) adj3 (student\* or graduate\* or undergraduate\* or staff or personnel or practitioner\* or clerk\* or fellow\* or internship\* or residen\* or educat\* or train\* or novice\* or tutor\*)).tw,kf.

6. or/1-5

7. Computer-Assisted Instruction/

8. exp Internet/

9. Computer Simulation/

10. Patient Simulation/

11. software/

12. Mobile Applications/

13. User-Computer Interface/

14. Video Games/

15. Web Browser/

16. Education, Distance/

17. Computers/

18. exp Microcomputers/

19. exp Cell Phones/

20. Games, Experimental/

21. exp Models, Anatomic/

22. Audiovisual Aids/

23. Educational Technology/

24. Electronic Mail/

25. exp Telemedicine/

26. Telenursing/

27. Telecommunications/

28. Webcasts/

29. exp Videoconferencing/

30. ((computer\* or digital\* or hybrid or blended or mixed mode or distance or remote\* or electronic or mobile or online\* or interactiv\* or multimedia or internet or web\* or virtual\* or game\* or gaming or Videogame\* or Videogaming) adj3 (classroom\* or course\* or educat\* or instruct\* or learn\* or lecture\* or simulat\* or train\* or teach\* or tutor\* or platform\*)).tw,kf.

31. (Simulat\* adj3 (course\* or educat\* or instruct\* or learn\* or train\* or teach\* or platform\* or high-fidelity)).tw,kf.

32. e-learn\*.tw,kf.

33. elearn\*.tw,kf.

34. m-learn\*.tw,kf.

35. mlearn\*.tw,kf.

36. smartphone\*.tw,kf.

37. smart-phone\*.tw,kf.

38. ((mobile or cell) adj2 phone\*).tw,kf.

39. iphone\*.tw,kf.

40. android\*.tw,kf.

41. ipad\*.tw,kf.

42. Personal digital assistant\*.tw,kf.

43. handheld computer\*.tw,kf.

44. Mobile App?.tw,kf.

45. Mobile Application?.tw,kf.

46. webcast\*.tw,kf.

47. webinar\*.tw,kf.

48. flipped classroom\*.tw,kf.

49. Serious game\*.tw,kf.

50. Serious gaming.tw,kf.

51. Patient Simulat\*.tw,kf.

52. Virtual patient\*.tw,kf.

53. ((educat\* or instruct\* or learn\* or simulat\* or train\* or teach\* or interactiv\*) adj2 technolog\*).tw,kf.

54. Massive Open Online Course?.tw,kf.

55. Mooc?.tw,kf.

56. (Canvas network or Coursera or Coursesites or edx or Futurelearn or iversity or miriada x or moodle or novoed or openlearning or open2study or plato or spoc or udacity or pingpong).tw,kf.

57. or/7-56

58. 6 and 57

59. Education.fs.

60. Education/

61. Teaching/

62. Learning/

63. exp Inservice Training/

64. Curriculum/

65. educat\*.tw,kf.

66. learn\*.tw,kf.

67. train\*.tw,kf.

68. instruct\*.tw,kf.

69. teach\*.tw,kf.

70. or/59-69

71. Health Personnel/

72. exp Allied Health Personnel/

73. Anatomists/

74. "Coroners and Medical Examiners"/

75. exp Dental Staff/

76. exp Dentists/

77. Health Educators/

78. Infection Control Practitioners/

79. Medical Laboratory Personnel/

80. exp Medical Staff/

81. exp Nurses/

82. exp Nursing Staff/

83. Personnel, Hospital/

84. Pharmacists/

85. exp Physicians/

86. Physician\*.tw,kf.

87. Doctor\*.tw,kf.

88. Nurs\*.tw,kf.

89. Surg\*.tw,kf.

90. Health Personnel.tw,kf.

91. healthcare professional\*.tw,kf.

92. radiolog\*.tw,kf.

93. dentist\*.tw,kf.

94. Pharmacist\*.tw,kf.

95. Hospital Administrator\*.tw,kf.

96. Podiatr\*.tw,kf.

97. Psycholog\*.tw,kf.

98. Psychiatr\*.tw,kf.

99. An?esthesi\*.tw,kf.

100. Clinician\*.tw,kf.

101. Dermatolog\*.tw,kf.

102. General practioner\*.tw,kf.

103. Cardiolog\*.tw,kf.

104. Oncolog\*.tw,kf.

105. Rheumatolog\*.tw,kf.

106. Neurolog\*.tw,kf.

107. Patholog\*.tw,kf.

108. P?ediatric\*.tw,kf.

109. Physiotherap\*.tw,kf.

110. Physical therap\*.tw,kf.

111. Occupational therap\*.tw,kf.

112. dieti?ian\*.tw,kf.

113. Dietetic\*.tw,kf.

114. midwi?e\*.tw,kf.

115. nutrition\*.tw,kf.

116. orthopti\*.tw,kf.

117. obstetric\*.tw,kf.

118. gyn?ecolog\*.tw,kf.

119. orthodont\*.tw,kf.

120. Urolog\*.tw,kf.

121. or/71-120

122. Health Occupations/

123. exp Allied Health Occupations/

124. Biomedical Engineering/

125. Chiropractic/

126. exp Dentistry/

127. exp Evidence-Based Practice/

128. exp Medicine/

129. exp Nursing/

130. Dietetics/

131. Optometry/

132. Orthoptics/

133. exp Pharmacology/

134. exp Pharmacy/

135. Podiatry/

136. Psychology, Medical/

137. Serology/

138. Specialization/

139. exp Surgical Procedures, Operative/

140. exp Radiography/

141. or/122-140

142. 121 or 141

143. 57 and 70 and 142

144. Psychomotor Performance/

145. motor skills/

146. ((psychomotor or procedural or technical) adj3 skill\*).tw,kf.

147. (psychomotor adj3 performance).tw,kf.

148. or/144-147

149. 6 and 148

150. 58 or 143 or 149

151. limit 150 to yr="1990 -Current"

152. randomized controlled trial.pt.

153. controlled clinical trial.pt.

154. randomized.ti,ab.

155. placebo.ti,ab.

156. drug therapy.fs.

157. randomly.ti,ab.

158. trial.ti,ab.

159. groups.ti,ab.