Appendix 3: Search strategy planned for PubMed

From January 1, 2006 to January 26, 2017

"registered nurse" [TIAB] OR nurse's role [MeSH] OR nursing practice [TIAB] OR nurs* [TIAB] OR nursing [MeSH] OR "nursing diagnostics" [MeSH] or nursing care [MeSH] or Evidence-based nursing [MeSH] or "advanced practice nursing" [MeSH] or "nursing assessment" [MeSH] OR "practice patterns, nurses" [MeSH] OR "education, nursing, continuing" [MeSH] OR "health care profession*"[TIAB] OR "health profession" [TIAB] OR "health-care professional" [TIAB] OR "healthcare education" [TIAB]

AND

"mLearning" [TIAB] OR "m-learning" [TIAB] OR "mobile learning" [TIAB] or "web-based learning" [TIAB] or "web based learning" [TIAB] OR "internet based learning" [TIAB] OR "internet-based learning" [TIAB] or "eLearning" [TIAB] or "e-learning" [TIAB] or "electronic learning"[TIAB] OR "health, education" [MeSH] OR "eLearning in health" [TIAB] or "multi-media learning tool*" [TIAB] or "multimedia learning tool*" [TIAB] OR "multimedia instruction" [TIAB] OR "interactive learning" [TIAB] OR "online learning" [TIAB] or "online discussion board*" [TIAB] OR "exchange portal" [TIAB] or electronic mail [MeSH] OR smartphone [MeSH] OR cellular phone [MeSH] OR "computers, handheld" [MeSH] "internet-mediated videoconferencing" [TIAB] or "virtual learning environment" [TIAB] OR "learning management system" [TIAB] OR "education, distance" [MeSH] OR "distance learning" [TIAB] OR "distance education" [TIAB] OR Self Directed Learning [MeSH] OR "blended learning"[TIAB]

OR

"Life-long learning" [TIAB] OR "lifelong learning" [TIAB] OR "continuing, education" [MeSH] OR "continuing professional development" [TIAB] OR "education, professional" [MeSH] OR "Professional Development" [MeSH]

AND

(systematic[sb] OR meta-analysis[pt] OR meta-analysis as topic[mh] OR meta-analysis[mh] OR meta analy*[tw] OR metaanaly*[tw] OR metaanaly*[tw] OR met analy*[tw] OR integrative research[tiab] OR integrative review*[tiab] OR integrative overview*[tiab] OR research integration*[tiab] OR research overview*[tiab] OR collaborative review*[tiab] OR collaborative overview*[tiab] OR systematic review*[tiab] OR technology assessment*[tiab] OR technology overview*[tiab] OR "Technology Assessment, Biomedical"[mh] OR HTA[tiab] OR HTAs[tiab] OR comparative efficacy[tiab] OR comparative effectiveness[tiab] OR outcomes research[tiab] OR indirect comparison*[tiab] OR ((indirect treatment[tiab] OR mixed-

treatment[tiab]) AND comparison*[tiab]) OR Embase*[tiab] OR Cinahl*[tiab] OR systematic overview*[tiab] OR methodological overview*[tiab] OR methodologic overview*[tiab] OR methodological review*[tiab] OR methodologic review*[tiab] OR quantitative review*[tiab] OR quantitative overview*[tiab] OR quantitative synthes*[tiab] OR pooled analy*[tiab] OR Cochrane[tiab] OR Medline[tiab] OR Pubmed[tiab] OR Medlars[tiab] OR handsearch*[tiab] OR hand search*[tiab] OR meta-regression*[tiab] OR metaregression*[tiab] OR data synthes*[tiab] OR data extraction[tiab] OR data abstraction*[tiab] OR mantel haenszel[tiab] OR peto[tiab] OR der-simonian[tiab] OR dersimonian[tiab] OR fixed effect*[tiab] OR "Cochrane Database Syst Rev"[Journal:__jrid21711] OR "health technology assessment winchester, england"[Journal] OR "Evid Rep Technol Assess (Full Rep)"[Journal] OR "Evid Rep Technol Assess (Summ)"[Journal] OR "Int J Technol Assess Health Care"[Journal] OR "GMS Health Technol Assess"[Journal] OR "Health Technol Assess (Rockv)"[Journal] OR "Health Technol Assess Rep"[Journal])