

Appendix 1. Search strategies

PubMed		
	(((((Mhealth) OR mobile health) OR ehealth) OR App) OR smartphone) OR iOS) OR android)) AND (((maternal health) OR maternal care) OR newborn) OR infant) OR child)) AND ("last 5 years"[PDat])	2207
EMBASE		
1	(mhealth or mobile health or App or smartphone or cellphone or ios or android).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword](38858)	38858
2	exp mobile Application/ or exp mobile phone/(12333)	12333
3	1 or 2 (48391)	48391
4	(maternal health or maternal care or pregnan* or antenatal or postpartum or delivery).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword] (1369513)	1369513
5	exp maternal care/ (34324)	34324
6	4 or 5 (1375749)	1375749
7	((newborn* or infant* or child* or baby*) adj3 (health or care or development)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword] (231260)	231260
8	exp child care/ (53041)	53041
9	7 or 8 (247093)	247093
10	exp family planning/ (34236)	34236
11	6 or 9 or 10 (1593372)	1593372
12	3 and 11 (3204)	3204
13	limit 12 to (human and english language and yr="2011 - 2016") (1939)	1939
Global Health		
1	(mhealth or mobile health or App or smartphone or cellphone or ios or android).mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabcodes]	1624
2	exp mobile telephones/	972
3	1 or 2	2305
4	(maternal health or maternal care or pregnan* or perinatal or antenatal or postpartum or delivery).mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabcodes]	136794
5	exp maternity/ or exp maternity services/	3671
6	exp pregnancy/ or exp sexual reproduction/ or exp birth/ or exp conception/ or exp gestation period/ or maternal nutrition/ or exp pregnancy complications/ or exp pregnancy diagnosis/ or exp prenatal care/ or exp reproductive health/	103310
7	family planning/ or exp contraception/ or exp reproductive health/	11202
8	((newborn* neonat* or infant* or child* or baby*) adj3 (health or care or growth or development)).mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabcodes]	41228
9	exp childbirth/ or exp childhood diseases/ or children/ or exp preschool children/ or exp child care/ or exp child development/ or exp child feeding/ or exp child health/ or child nutrition/ or exp infants/ or exp paediatrics/	348586
10	4 or 5 or 6 or 7 or 8 or 9	467875
11	3 and 10	569
12	limit 11 to (english language and yr="2011 - 2016")	457
China National Knowledge Infrastructure		
	(SU='mobile' + 'App' + 'cellphone') * (SU='maternal and child' + 'mother and baby' + 'pregnant and lying-in women' + 'pregnant women' + 'postpartum womem' + 'newborn' + 'infant') * (FT='health' + 'medical' + 'hospital' + 'health care' + 'grow up')	377
VIP Database for Chinese Technical Periodicals		
	(K=mobile +K=App +R=cellphone)*(K=maternal and child +K=mother and baby +K=pregnant and lying-in women +K=newborn +K=infant) *(FT= 'health' + 'medical' + 'hospital' + 'health care')	49
Wanfang Data Knowledge Service Medium		
	Title or keywords: ('mobile or App or cellphone') * Title or keywords:('maternal and	111

child or mother and baby or pregnant and lying-in women or newborn' or 'infant') *
Title or keywords: ('health' or 'medical' or 'hospital' or 'health care' or 'grow up') *
Date:2011-2016
