

Supplementary Material. Search strategy for PubMed, Medline (Ovid), Global health, and Embase.

PubMed

1. Telemedicine:

"Telemedicine"[MH] OR "Remote consultation"[MH] OR "telemedic*" [TIAB] OR

"teleconsultation*" [TIAB] OR "tele-consultation*" [TIAB] OR

"telecommunication" [TIAB] OR "mobile health" [TIAB] OR "m-health" [TIAB] OR

"telecare" [TIAB] or "tele-care" [TIAB] OR "telehealth" [TIAB] OR "tele-health" [TIAB]

OR "e-health" [TIAB] OR "teleneonatology" [TIAB] OR "virtual healthcare" [TIAB] OR

"virtual care" [TIAB] OR "remote healthcare" [TIAB] OR "remote care" [TIAB] OR

"digital healthcare" [TIAB] OR "digital medicine" [TIAB] OR "e-medicine" [TIAB] OR

"telemedic*" [OT] OR "teleconsultation*" [OT] OR "tele-consultation*" [OT] OR

"telecommunication" [OT] OR "mobile health" [OT] OR "m-health" [OT] OR "telecare" [OT] or "tele-care" [OT] OR "telehealth" [OT] OR "tele-health" [OT] OR "e-

health" [OT] OR "teleneonatology" [OT] OR "virtual healthcare" [OT] OR "virtual care" [OT] OR "remote healthcare" [OT] OR "remote care" [OT] OR "digital healthcare" [OT] OR "digital medicine" [OT] OR "e-medicine" [OT]

2. Telecritical care/emergency:

"telecritical care" [TIAB] OR "tele critical care" [TIAB] OR "tele-critical care" [TIAB]

OR "tele intensive care" [TIAB] OR "tele-intensive care" [TIAB] OR "tele-ICU" [TIAB]

OR "remote critical care" [TIAB] OR "tele-emergenc*" [TIAB] OR

"teleemergenc*" [TIAB]

3. Critical care:

"Critical care" [MH] OR "intensive care, neonatal" [MH] OR "intensive care units,neonatal" [MH] OR "intensive care units, pediatric" [MH] OR "Emergency Service,Hospital" [MH] OR "Emergency medicine" [MH] OR "NICU" [TIAB] OR "neonatal ICU" [TIAB] OR "neonatal intensive care" [TIAB] OR "PICU" [TIAB] OR "pediatric ICU" [TIAB] OR "pediatric intensive care" [TIAB] OR "critical care unit" [TIAB] OR "crit care" [TIAB] OR "acute care" [TIAB] OR "neonatal ICU" [OT] OR "neonatal intensive care" [OT] OR "PICU" [OT] OR "pediatric ICU" [OT] OR "pediatric intensive care" [OT] OR "critical care unit" [OT] OR "crit care" [OT] OR "acute care" [OT]

4. Pediatric:

"Pediatrics" [MH] OR "child" [MH] OR "Perinatology" [MH] OR "Child,

Hospitalized" [MH] OR "Adolescent, Hospitalized" [MH] OR "pediatric*" [TIAB] OR

"peds" [TIAB] OR "paediatric*" [TIAB] OR "neonat*" [TIAB] OR "prematu*" [TIAB]

OR "newborn*" [TIAB] OR "infant*" [TIAB] OR "toddler*" [TIAB] OR "teen*" [TIAB]

OR "adolescen*"[TIAB] OR "child*"[TIAB] OR "preschool*"[TIAB] OR "juvenil*"[TIAB] OR "schoolchild*"[TIAB] OR "school age*"[TIAB] OR "school-age*"[TIAB] OR "pediatric*"[OT] OR "peds"[OT] OR "paediatric*"[OT] OR "neonat*"[OT] OR "prematur*"[OT] OR "newborn*"[OT] OR "infant*"[OT] OR "toddler*"[OT] OR "teen*"[OT] OR "adolescen*"[OT] OR "child*"[OT] OR "preschool*"[OT] OR "juvenil*"[OT] OR "schoolchild*"[OT] OR "school age*"[OT] OR "school-age*"[OT] OR "pediatric*"[Affiliation] OR "paediatric*"[Affiliation] OR "children"[Affiliation]

5. 1 AND 3 AND 4

6. 2 AND 4

7. 5 OR 6

Medline (Ovid)

1. Telemedicine:

Telemedicine OR (telemedicine OR teleconsultation OR teleconsultation* OR

telecommunication OR mobile health OR M-Health OR telecare OR tele-care OR

telehealth OR tele-health OR e-health OR teleneonatology OR virtual healthcare OR

virtual care OR remote healthcare OR remote care).ti,ab,kw

2. Tele-Critical care:

(Telecritical care OR tele-critical care OR tele critical care OR tele intensive care OR tele-intensive care OR tele-ICU OR remote critical care OR tele-emergenc* OR teleemergenc*).ti,ab,kw

3. Critical care:

Critical care/ OR Intensive care, neonatal/ OR intensive care units, neonatal/ OR intensive care units, pediatric/ OR Emergency Service, Hospital/ OR Emergency Medicine/ OR

(NICU OR neonatal ICU OR PICU OR pediatric ICU OR pediatric intensive care OR critical care OR intensive care OR critical care unit OR crit care OR acute care).ti,ab,kw

OR emergenc*.ti

4. Pediatric:

(pediatric OR pediatrics OR peds OR paediatric OR paediatrics OR neonat* OR prematur* OR newborn* OR infant* OR toddler* OR teen* OR adolescen* OR child* OR preschool* OR juvenil* OR schoolchild* OR school age* OR school-age*).ti,ab,kw OR Exp Infant/ OR Exp child/ OR (adolescent/ NOT Exp adult/) OR Hospitals, Pediatric/ OR pediatrics/ OR Neonatology/ OR Perinatology/ OR Adolescent, Hospitalized/ OR Child, Hospitalized/ OR (pediatric* OR paediatric* OR child*).in

5. 1 AND 3 AND 4

6. 2 AND 4

7. 5 OR 6

Global Health

1. Telemedicine:

Telemedicine OR (telemedicine OR teleconsultation OR teleconsultation* OR

telecommunication OR mobile health OR M-Health OR telecare OR tele-care OR

telehealth OR tele-health OR e-health OR teleneonatology OR virtual healthcare OR

virtual care OR remote healthcare OR remote care).ti,ab,kw

2. Tele-Critical care:

(Telecritical care OR tele-critical care OR tele critical care OR tele intensive care OR tele-intensive care OR tele-ICU OR remote critical care OR tele-emergenc* OR teleemergenc*).ti,ab,kw

3. Critical care:

Critical care/ OR Intensive care, neonatal/ OR intensive care units, neonatal/ OR intensive care units, pediatric/ OR Emergency Service, Hospital/ OR Emergency Medicine/ OR

(NICU OR neonatal ICU OR PICU OR pediatric ICU OR pediatric intensive care OR

critical care OR intensive care OR critical care unit OR crit care OR acute care OR

emergency care).ti,ab,kw

4. Pediatric:

(pediatric OR pediatrics OR peds OR paediatric OR paediatrics OR neonat* OR prematur* OR newborn* OR infant* OR toddler* OR teen* OR adolescen* OR child* OR preschool* OR juvenil* OR schoolchild* OR school age* OR school-age*).ti,ab,kw OR Exp Infant/ OR Exp child/ OR (adolescent/ NOT Exp adult/) OR Hospitals, Pediatric/ OR pediatrics/ OR Neonatology/ OR Perinatology/ OR Adolescent, Hospitalized/ OR Child, Hospitalized/ OR (pediatric* OR paediatric* OR child*).in

5. 1 AND 3 AND 4

6. 2 AND 4

7. 5 OR 6

Embase et EBM Reviews

1. Telemedicine:

Exp *Telemedicine/ OR *teleconsultation/ OR (telemedicine OR teleconsultation* OR

tele-consultation* OR telecommunication OR mobile health OR M-Health OR telecare OR

tele-care OR telehealth OR tele-health OR e-health OR teleneonatology OR virtual

healthcare OR virtual care OR remote healthcare OR remote care).ti,ab,kw.

2. Telecritical care:

(Telecritical care OR tele-critical care OR tele critical care OR tele intensive care OR tele-intensive care OR tele-ICU OR remote critical care OR tele-emergenc* OR teleemergenc*).ti,ab,kw

3. Critical care:

Exp *Intensive care/ OR *intensive care unit/ OR (NICU OR neonatal ICU OR PICU OR pediatric ICU OR pediatric intensive care OR critical care OR intensive care OR critical care unit OR crit care OR acute care OR emergency care).ti,ab,kw.

4. Pediatric:

Exp *pediatrics/ OR *child/ OR *infant/ OR *neonatology OR *hospitalized, child/ OR *hospitalized, adolescent NOT adult OR (pediatric OR pediatrics OR peds OR paediatric

OR paediatrics OR neonat* OR prematur* OR newborn* OR infant* OR toddler* OR

teen* OR adolescen* OR child* OR preschool* OR OR schoolchild* OR school

age* OR school-age*).ti,ab,kw

5. 1 AND 3 AND 4

6. 2 AND 4

7. 5 OR 6