

Additional file 2
MEDLINE Search strategy

Steps	Research Equation	Results
1	exp intensive care units, pediatric/ or Neonatal Nursing/ or Intensive Care, Neonatal/ or intensive care units/ or hospital units/ or nurseries, hospital/ or exp pediatrics/	127 964
2	((neonat* OR pediatric\$1 OR birth\$1 OR newborn* OR bab\$3 OR infant\$1) adj5 ("intensive care?" OR "care unit?" OR "care center?" OR hospital*)) OR "NICU" OR "perinatal center?" OR "growing care unit?" OR "intensive care unit?").ti,ab	120 198
3	neurodevelopmental disorders/ or Neurologic Examination/ or psychomotor performance/ or neurobehavioral manifestations/ or psychomotor disorders/ or cognition disorders/ or auditory perceptual disorders/ or cognitive dysfunction/ or Child Development/ or motor skills/ or motor skills disorders/ or Motor Activity/ or Movement Disorders/	302 922
4	(neurodevelopment* OR ((neurologic* OR neurobehavi* OR neuromotor* OR cogniti* OR cerebral OR brain? OR "nervous system") adj3 (problem\$1 OR impair* OR abilit\$3 OR disorder\$1 OR disab* OR development*)) OR (motor adj3 (skill\$1 OR activit\$3 OR control OR impair*)) OR "infant development").ti,ab	231 230
5	exp infant, premature/ or exp infant, low birth weight/ or premature birth/ or *Infant, Newborn/	90 858
6	((infant\$1 OR bab\$3 OR newborn\$1 OR birth\$1 OR neonat*) adj4 (prematu* OR pre?term OR (low adj2 weight))).ti,ab	82 130
7	(1 OR 2) AND (3 OR 4) AND (5 OR 6)	1 916
8	7 AND (English OR French).lg	1 775
9	limit 8 to yr="2002 - 2017"	1 304