**Search Strategy NLS 5500**

**PubMed**

(((((compression:ventilation[Title/Abstract]) OR ((((((Heart Massage[MeSH Terms]) OR heart massage\*[Title/Abstract]) OR

cardiac massage\*[Title/Abstract]) OR compression\*[Title/Abstract])) AND (("Respiration, Artificial"[Mesh:NoExp]) OR ventilation\*[Title/Abstract])))) AND ((ratio

[Title/Abstract]) OR ratios[Title/Abstract]))) NOT (("letter"[pt] OR "comment"[pt] OR "editorial"[pt] or Case Reports[ptyp])) AND ("Respiratory Distress Syndrome,

Newborn"[Mesh] OR "Bronchopulmonary Dysplasia"[Mesh] OR "Infant, Newborn"[Mesh] OR "Delivery Rooms"[Mesh] OR "Gestational Age"[Mesh] OR

"Premature Birth"[Mesh] OR "Infant, Premature, Diseases"[Mesh:NoExp] OR "Term Birth"[Mesh] OR "Live Birth"[Mesh] OR "Neonatal Nursing"[Mesh] OR

"Neonatal Screening"[Mesh] OR "Intensive Care, Neonatal"[Mesh] OR "Intensive Care Units, Neonatal"[Mesh] OR "Animals, Newborn"[Mesh] OR "Transient

Tachypnea of the Newborn"[Mesh] OR "Persistent Fetal Circulation Syndrome"[Mesh] or newborn[TIAB] or neonatal[TIAB] or neonate[TIAB] or neonates[TIAB]

OR "Low Birth Weight "[TIAB] or "Small for Gestational Age"[TIAB] or prematur\*[TIAB] or preterm[TIAB] OR "Birth Injuries"[Mesh] OR "Birthing Centers"[Mesh]

OR Postmature[TIAB] OR infants[TIAB] OR infant[TIAB] OR birth[TIAB])

Embase: ( Search Completed: ) ((‘Heart Massage’/de OR (heart NEAR/1 massage\*):ab,ti OR (cardiac NEAR/1 massage\*):ab,ti OR compression\*:ab,ti) AND

(‘Respiration, Artificial’/de OR ventilation\*:ab,ti) OR ‘compression:ventilation’:ab,ti) AND (ratio:ab,ti OR ratios:ab,ti) NOT ([editorial]/lim OR [letter]/lim OR 'case

report'/de) AND [embase]/lim AND ('neonatal respiratory distress syndrome'/exp OR 'newborn hypoxia'/exp OR 'prematurity'/exp OR 'newborn apnea

attack'/exp OR 'newborn disease'/de OR 'neonatal stress'/exp OR 'lung dysplasia'/exp OR 'newborn'/exp OR 'low birth weight'/exp OR 'newborn screening'/exp

OR 'newborn monitoring'/exp OR 'newborn care'/exp OR 'newborn period'/exp OR 'birth weight'/exp OR 'newborn morbidity'/exp OR 'live birth'/exp OR 'newborn

death'/exp OR 'newborn mortality'/exp OR 'delivery room'/exp OR newborn OR 'low birth weight':ab,ti OR 'small for gestational age':ab,ti OR prematur\*:ab,ti OR

preterm:ab,ti OR postmature:ab,ti OR 'macrosomia'/exp)

Cochrane: ( Search Completed: ) (([mh “Heart Massage”] OR “heart massage\*”:ab,ti OR “cardiac massage\*”:ab,ti OR “compression\*”:ab,ti) AND ([mh

^“Respiration, Artificial”] OR ventilation\*:ab,ti) OR “compression:ventilation”:ab,ti) AND (ratio:ab,ti OR ratios:ab,ti) AND ([mh "Respiratory Distress Syndrome,

Newborn"] or [mh "Bronchopulmonary Dysplasia"] or [mh "Infant, Newborn"] or [mh "Delivery Rooms"] or [mh "Gestational Age"] or [mh "Premature Birth"] or

[mh ^"Infant, Premature, Diseases"] or [mh "Term Birth"] or [mh "Live Birth"] or [mh "Neonatal Nursing"] or [mh "Neonatal Screening"] or [mh "Intensive Care,

Neonatal"] or [mh "Intensive Care Units, Neonatal"] or [mh "Animals, Newborn"] or [mh "Transient Tachypnea of the Newborn"] or [mh "Persistent Fetal

Circulation Syndrome"] or newborn:ti,ab or neonatal:ti,ab or neonate:ti,ab or neonates:ti,ab or "Low Birth Weight ":ti,ab or "Small for Gestational Age":ti,ab or

prematur\*:ti,ab or preterm:ti,ab OR [mh "Birth Injuries"] OR [mh "Birthing Centers"] OR Postmature:ti,ab OR infant:ti,ab OR infants:ti,ab OR birth:ti,ab)

**Ovid MEDLINE**

1 resuscitation/ or cardiopulmonary resuscitation/ or advanced cardiac life support/ or heart massage

2 (resuscitation or CPR or cardiopulmonary resuscitation).tw,kf.

3 (ACLS or cardiac life support).tw,kf.

4 (heart massage or cardiac massage or closed chest massage).tw,kf.

5 1 or 2 or 3 or 4

6 compress\*.tw,kf.

7 5 and 6

8 Infant/

9 infant, newborn/ or infant, low birth weight/ or infant, small for gestational age/ or infant, very low birth weight/ or infant, extremely low birth weight/ or infant, postmature/ or infant, premature/ or infant, extremely premature/

10 8 or 9

11 7 and 10

12 (infant or infants or neonate or neonatal or newborn).tw,kf.

13 7 and 12

14 11 or 13

**EMBASE**

1 resuscitation/

2 heart massage/

3 (resuscitation or CPR or cardiopulmonary resuscitation).tw,kw.

4 (ACLS or cardiac life support).tw,kw.

5 (heart massage or cardiac massage or closed chest massage).tw,kw.

6 1 or 2 or 3 or 4 or 5

7 compress\*.tw,kw.

8 6 and 7

9 infant/ or baby/ or high risk infant/ or hospitalized infant/ or newborn/

10 8 and 9

11 (infant or infants or neonate or neonatal or newborn).tw,kw.

12 8 and 11

13 10 or 12