

## Risk factors for asthma exacerbation during pregnancy: a systematic review and meta-analysis

### Appendix S1 – Search Strategy

#### EMBASE and MEDLINE

1. asthma.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, ui, sy]
2. wheeze.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, ui, sy]
3. 1 or 2
4. pregnan\*.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, ui, sy]
5. perinat\*.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, ui, sy]
6. obstet\*.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, ui, sy]
7. 4 or 5 or 6
8. exacerb\*.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, ui, sy]
9. flare up.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, ui, sy]
10. morbidit\*.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, ui, sy]
11. attack\*.mp. [mp=ti, ab, hw, tn, ot, dm, mf, dv, kw, fx, dq, nm, kf, ox, px, rx, ui, sy]
12. 8 or 9 or 10 or 11
13. 3 and 7 and 12
14. limit 13 to english language
15. limit 14 to yr="2000 -Current"

<b>CINAHL</b>	
S1	(MM "Asthma+") OR TX asthma* OR wheez*
S2	(MM "Pregnancy+") OR ( (MM "Obstetrics") OR "obstetrics" ) OR ( (pregnan* or perinat* or obstet* or neonat* ) OR (MH "Infant, Newborn") OR ( (MH "Perinatal Death") OR (MH "Perinatal Care") OR (MH "Infant Mortality") ) )
S3	S1 AND S2 [Limiters - Published Date: 20000101 - 20210401; English Language; Human]
<b>Cochrane</b>	
1	MeSH descriptor: [Asthma] explode all trees
2	asthma*
3	wheez*
4	#1 or #2 or #3
5	MeSH descriptor: [Pregnancy] explode all trees
6	MeSH descriptor: [Perinatal Care] explode all trees
7	MeSH descriptor: [Obstetrics] explode all trees
8	#5 or #6 or #7
9	MeSH descriptor: [Morbidity] explode all trees
10	MeSH descriptor: [Symptom Flare Up] explode all trees
11	#9 or #10
12	#4 and #8 and #11