Supplementary Table 5: GRADE tables

Grade Assessments for Preterm Birth in RCT's

# studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other	Overall Certainty
Author						considerations	
11	RCT	serious	not serious	not serious	not serious	none	moderate
Bi							
3	RCT	serious	not serious	not serious	serious	potential for	very low
De-Regil/Palacios						publication /	
-						reporting bias	
3	RCT	serious	not serious	not serious	serious	potential for	very low
Perez-Lopez						publication /	
_						reporting bias	
14	RCT	not serious	not serious	not serious	not serious	none	high
Roth							-
6	RCT	not serious	not serious	not serious	serious	potential for	low
Zhou						publication /	
						reporting bias	

Grade Assessments for Preeclampsia in RCT's

# studies Author	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Overall Certainty
2 De-Regil / Palaciosis	RCT	serious	not serious	not serious	serious	potential for publication / reporting bias	very low
3 Khaing	RCT	serious	not serious	not serious	serious	potential for publication / reporting bias	very low
1 Newberry	RCT	serious	serious	not serious	serious	potential for publication / reporting bias	very low
3 Perez-Lopex	RCT	not serious	not serious	not serious	serious	potential for publication / reporting bias	low
3 Roth	RCT	serious	serious	not serious	serious	potential for publication / reporting bias	very low

Grade Assessments for Gestational Diabetes in RCT's

# studies Author	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Overall Certainty
2 De-Regil	RCT	serious	not serious	not serious	serious	potential for publication / reporting bias	very low
3 Perez-Lopez	RCT	serious	not serious	not serious	serious	potential for publication / reporting bias	very low
5 Roth	RCT	serious	not serious	not serious	serious	potential for publication / reporting bias	very low

Grade Assessments for Low Birth Weight in RCT's

# studies Author	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Overall Certainty
4 Bi	RCT	serious	serious	not serious	serious	none	very low
3 De-Regil/ Palaciosis	RCT	serious	not serious	not serious	serious	potential for publication / reporting bias	very low
4 Perez-Lopez	RCT	serious	not serious	not serious	serious	potential for publication / reporting bias	very low
7 Roth	RCT	not serious	not serious	not serious	serious	potential for publication / reporting bias	low

Grade Assessments for Small for Gestational Age in RCT's

# studies Author	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Overall Certainty
6 Bi	RCT	serious	not serious	not serious	serious	none	low
2 Harvey	RCT	serious	serious	not serious	serious	none	very low
3 Perez-Lopez	RCT	serious	not serious	not serious	serious	potential for publication / reporting bias	very low
5 Roth	RCT	serious	not serious	not serious	serious	potential for publication / reporting bias	very low

Grade Assessments for Still Birth in RCT's

# studies Author	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Overall Certainty
3 De-Regil/ Palaciosis	RCT	not serious	not serious	not serious	serious	potential for publication / reporting bias	low
16 Roth	RCT	not serious	not serious	not serious	not serious	none	high

Grade Assessments for C-Section Age in RCT's

# studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other	Overall Certainty
Author						considerations	
2	RCT	not serious	not serious	not serious	serious	potential for	low
De-Regil/						publication /	
Palaciosis						reporting bias	
4	RCT	not serious	not serious	not serious	serious	potential for	low
Perez-Lopez						publication /	
_						reporting bias	
16	RCT	not serious	not serious	not serious	not serious	none	high
Roth							-

Grade Assessments for Preterm Birth in Observational Studies

# studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other	Overall Certainty
Author						considerations	
7	OBS	not serious	serious	serious	serious	potential for	very low
Harvey						publication /	
						reporting bias	
2	OBS	not serious	serious	serious	serious	potential for	very low
Newberry						publication /	
						reporting bias	
10	OBS	not serious	not serious	serious	not serious	none	moderate
Qin							
4	OBS	not serious	not serious	serious	serious	potential for	very low
Wei						publication /	
[blood level						reporting bias	
25(OH)D							
<50nmol/L]							

4 Wei [blood level 25(OH)D <75nmol/L]	OBS	not serious	not serious	serious	serious	potential for publication / reporting bias	very low
16 Zhou [blood level 25(OH)D <50nmol/L]	OBS	not serious	not serious	serious	not serious	none	moderate
17 Zhou [blood level 25(OH)D <75nmol/L]	OBS	not serious	serious	serious	not serious	none	low

Grade Assessments for Preeclampsia in Observational Studies

# studies Author	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Overall Certainty
1 Chung	OBS	not serious	serious	serious	serious	potential for publication / reporting bias	very low
4 Harvey	OBS	not serious	serious	serious	serious	potential for publication / reporting bias	very low
8 Newberry	OBS	not serious	serious	serious	serious	potential for publication / reporting bias	very low
8 Tabesh	OBS	serious	serious	serious	not serious	none	very low
6 Wei [blood level 25(OH)D <50nmol/L]	OBS	not serious	not serious	serious	not serious	potential for publication / reporting bias	low
5 Wei [blood level 25(OH)D <75nmol/L]	OBS	not serious	serious	serious	not serious	potential for publication / reporting bias	very low

# studies Author	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Overall Certainty
8 Harvey	OBS	not serious	serious	serious	serious	potential for publication / reporting bias	very low
20 Lu	OBS	not serious	serious	serious	not serious	none	low
10 Wei [blood level 25(OH)D <50nmol/L]	OBS	not serious	not serious	serious	not serious	none	moderate
8 Wei [blood level 25(OH)D <75nmol/L]	OBS	not serious	not serious	serious	not serious	none	moderate

Grade Assessments for Gestational Diabetes in Observational Studies

Grade Assessments for Low Birth Weight in Observational Studies

# studies Author	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Overall Certainty
3 Harvey	OBS	not serious	serious	serious	serious	potential for publication / reporting bias	very low

Grade Assessments for Small for Gestational Age in Observational Studies

# studies Author	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Overall Certainty
7 Harvey	OBS	not serious	serious	serious	serious	potential for publication / reporting bias	very low
1 Newberry	OBS	not serious	serious	serious	serious	potential for publication / reporting bias	very low
6 Wei	OBS	not serious	not serious	serious	not serious	potential for publication / reporting bias	low

[blood level 25(OH)D <50nmol/L]							
5 Wei [blood level 25(OH)D <75nmol/L]	OBS	not serious	serious	serious	not serious	potential for publication / reporting bias	very low

Grade Assessments for Small for C-Section in Observational Studies

# studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other	Overall Certainty
Author						considerations	
3 Harvey	OBS	not serious	serious	serious	serious	potential for publication / reporting bias	very low