

## Supplementary Table 5: GRADE tables

## Grade Assessments for Preterm Birth in RCT's

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

## Grade Assessments for Preeclampsia in RCT's

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

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

**Grade Assessments for Gestational Diabetes in Observational Studies**

# 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 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 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