

Appendix 1

Characteristics of the non-significant cumulative meta-analyses included with a required information size based on a RRR 10%

Systematic Review	Title	Comparison	Outcome	Trials	Participants	Diversity
Alfirevic 2010	Fetal and umbilical doppler ultrasound in normal pregnancy	All routine doppler u/s vs no doppler u/s	Spontaneous vaginal birth	2	6373	0
Avenell 2009	Vitamin D and vitamin D analogues for preventing fractures associated with involutional and post-menopausal osteoporosis	Vitamin D or any analogue with/without calcium vs control	Deaths	23	64423	0
Berge 2011	Anticoagulants versus antiplatelet agents for acute ischaemic stroke	Anticoagulants vs anti-platelet agents	Death or dependency at end of follow-up	3	11527	0
Bilio 2010	Serotonin receptor antagonists for highly emetogenic chemotherapy in adults	Granisetron vs ondansetron	Absence of vomiting	8	4256	0
Chen 2010	Calcium channel blockers versus other classes of drugs for hypertension	Calcium channel blockers vs diuretics	Mortality – all cause	5	35057	0
Cortes-Jofre 2012	Drugs for preventing lung cancer in healthy people	Vit A vs placebo	Incidence all cancer	3	44267	0
Dowswell 2010	Alternative versus standard packages of antenatal care for low-risk pregnancy	Decreased antenatal visits vs standard	Alpha feto protein	2	2792	0
Ducharme 2010	Addition of long-acting beta2-agonists to inhaled corticosteroids versus same dose inhaled	Long acting beta-agonists and inhaled steroids vs inhaled steroids alone	Total number adverse events	41	10622	0
Ducharme 2010 (2)	Addition of long-acting beta2-agonists to inhaled steroids versus higher dose inhaled steroids in adults and children with persistent asthma	Long-acting beta agonists and inhaled corticosteroids (ICS) vs higher dose ICS	Adverse events	30	11483	0.38
Duley 2010	Antiplatelet agents for preventing pre-eclampsia and its complications	Antiplatelet agents vs placebo	Caesarean sections	24	31834	0.33
Ellis 2010	Stroke liaison workers for stroke patients and carers: an individual patient data meta-analysis	Stroke liaison workers vs usual care	Barthel dependency	11	2280	0
Gibson 2009	Aromatase inhibitors for treatment of advanced breast cancer in postmenopausal women	Aromatase inhibitors as 2nd line therapy vs any other	Clinical assessable (assessable)	16	5410	0
Hemmingsen 2013	Sulphonylurea monotherapy for patients with type 2 diabetes mellitus	Sulphonylureas vs metformin	Adverse events	5	3118	0

Heran 2012	Angiotensin receptor blockers for heart failure	Angiotensin receptor blockers vs placebo (LVEF>40%)	Total hospitalisations	2	7151	0
Hetrick 2012	Newer generation antidepressants for depressive disorders in children and adolescents	Newer generation antidepressants vs placebo	Completion of trial protocol	16	3290	0.47
Hewitson 2011	Screening for colorectal cancer using faecal occult blood	Screening vs control	All-cause mortality	4	329642	0
Hodnett 2013	Continuous support for women during childbirth	Continuous support vs usual care	Perineal trauma	4	8120	0.45
Holme 2013	Flexible sigmoidoscopy versus faecal occult blood testing for colorectal cancer screening in asymptomatic individuals	Flexible sigmoidoscopy vs control	All-cause mortality	4	359999	0.64
Hooper 2012	Reduced or modified dietary fat for preventing cardiovascular disease	Fat decrease vs normal diet	Mortality	21	71790	0
Horay 2013	Interventions for supporting pregnant women's decision-making about mode of birth after a caesarean	Decision support intervention vs usual care	Planned mode of birth – vaginal birth after caesarean	3	2071	0
Justus Hofmeyr 2010	Calcium supplementation during pregnancy for preventing hypertensive disorders and related problems	Calcium vs control	Caesarian section	8	15234	0
Karner 2012	Tiotropium versus placebo for chronic obstructive pulmonary disease	Tiotropium vs placebo	Patients with >1 serious adverse event (non-fatal)	22	23309	0
Kenyon 2010	Antibiotics for preterm rupture of membranes	Any antibiotics vs placebo	Birth before 37 weeks' gestation	3	4931	0
Lafuente Lafuente 2013	Active chest compression-decompression for cardiopulmonary resuscitation	Active chest compression-decompression CPR vs standard manual CPR	Immediate mortality	10	4162	0.56
Lawrence 2013	Maternal positions and mobility during first stage labour	Upright vs recumbent	Mode of birth – spontaneous vaginal	14	2626	0.71
Lui 2013	Gamma aminobutyric acid (GABA) receptor agonists for acute stroke	GABA agonist vs placebo	Death or dependency	5	3758	0
Mutter 2013	Hydroxyethyl starch (HES) versus other fluid therapies: effects on kidney function	HES vs other fluid	RIFLE (risk or worse)	20	8768	0
Nannini 2012	Combined corticosteroid and long-acting beta2-agonist in one inhaler versus long-acting beta2-agonists for chronic	Fluticasone and salmeterol (FPS) versus salmeterol (SAL)	Adverse events – any event	9	8250	0.5

	obstructive pulmonary disease					
Ni Chroinin 2009	Addition of long-acting beta2-agonists to inhaled steroids as first line therapy for persistent asthma in steroid-naive adults and children	Inhaled corticosteroids and long-acting beta agonist vs inhaled corticosteroids alone	Patient with any adverse event	14	3286	0
Ni Chroinin 2009 (2)	Addition of long-acting beta-agonists to inhaled corticosteroids for chronic asthma in children	Long active beta 2 agonists vs placebo	Total number of adverse events	15	3284	0
Palmer 2013 (2)	HMG CoA reductase inhibitors (statins) for dialysis patients	Statins vs control	All-cause mortality	13	4705	0
Perez 2009	Effect of early treatment with anti-hypertensive drugs on short and long-term mortality in patients with an acute cardiovascular event	Beta blockers vs control	All cause mortality at 10 days	20	72600	0
Pucci 2011	Natalizumab for relapsing remitting multiple sclerosis	Natalizumab vs control	No of patients with at least one adverse event	3	2220	0
Sandall 2013	Midwife-led continuity models versus other models of care for childbearing women	Midwife-led care vs other models of care	Perineal laceration requiring suturing	9	13412	0.59
Schmidt 2011	Maximal androgen blockade for advanced prostate cancer	Maximal androgen blockade vs monotherapy	Overall survival one year	13	4970	0.41
Shah 2009	Antistaphylococcal immunoglobulins to prevent staphylococcal infection in very low birth weight infants	Anti-staphylococcal immunoglobulin vs placebo	Chronic lung disease at 28 days	2	2488	0
Siegfried 2009	Male circumcision for prevention of heterosexual acquisition of HIV in men	Circumcision vs no circumcision	Inconsistent/no condom use	2	6567	0.39
Soares-Weiser 2012	Vaccines for preventing rotavirus diarrhoea: vaccines in use	RV1 vs placebo	Reactogenicity, fever, end of follow-up	16	8799	0
Spencer 2011	Inhaled corticosteroids versus long-active beta2-agonists for chronic obstructive pulmonary	Inhaled steroids vs long acting beta agonists	Adverse events	5	5089	0
Stewart 2011	Chemotherapy for advanced ovarian cancer	Single vs combination platinum	Survival	16	3146	0
Sze 2011	Palliation of metastatic bone pain: single fraction versus multifraction radiotherapy	Single fraction vs multi-fraction radiotherapy	Overall response	13	3548	0.06
Tacklind 2012	Finasteride for benign prostatic hyperplasia	Finasteride vs placebo	Any adverse event	4	5556	0.71
Taylor 2013	Statins for the primary	Statins vs	Number of	12	40716	0.88

	prevention of cardiovascular disease	placebo	study participants who had adverse events			
Tonia 2012	Erythropoietin or darbepoetin for patients with cancer	EPO or darbepoetin vs placebo	Complete tumour response	19	5012	0
Tse 2011	Guidewire-assisted cannulation of the common bile duct for the prevention of post-endoscopic retrograde cholangiopancreatography (ERCP) pancreatitis	Guidewire assisted cannulation vs contrast assisted cannulation	Overall cannulation success	12	3450	0.53
Van Vliet 2011	Triphasic vs Monophasic oral contraceptives for contraception	Triphasic vs monophasic	Total discontinuation within 12 cycles	4	3310	0.05
Wei 2013	Early amniotomy and early oxytocin for prevention of, or therapy for, delay in first stage spontaneous labour compared with routine care	Early amniotomy and oxytocin vs routine care	Spontaneous vaginal delivery	12	6020	0
Whitworth 2010	Ultrasound for fetal assessment in early pregnancy	Routine (revealed) vs selective (concealed) U/S in early pregnancy	C-section	5	22193	0
Zhang 2012	Calcium antagonists for acute ischemic stroke	Calcium antagonists vs control	Primary outcomes	22	6684	0.74
Zhang 2012 (2)	Acellular vaccines for preventing whooping cough in children	Acellular vaccine vs placebo (Primary series - dose 1)	Irritability/fretfulness	2	11526	0