

Appendix 8: Data Extraction

Appendix 8 Table 1: Data Extraction Table (example based on Vaccine Preventive Disease)

<u>Included Studies</u>				<u>Summary of Findings Table</u>				
Author	Year	Comparison question	sample size (n)	Relative effect (95%CI)	Assumed Risk (control grp)	Corresponding risk (intervention grp)	(n/N) intervention	(n/N) control
Zhang (2014) Acellular vaccines for preventing whooping cough in children								
		Acellular vs Whole-cell pertussis: Harms						
		1. Noncompletion due to adverse events: acellular versus whole cell pertussis	108909 (11 Studies)	RR: 0.23 (95%CI: 0.12-0.43)	n/a	n/a	n:248/ 80 060	n: 338/28 849
		2. Death (all causes)	122451 (16 Studies)	RR: 0.87 (95%CI: 0.62-1.22)	n/a	n/a	n: 81/86 863	n: 61/35 588
		3. Death (infection)	108909 (11 Studies)	RR: 0.97 (95%CI :0.23-4.16)	n/a	n/a	n: 5/22 154	n:3/12 344

Appendix 8, Table 2: Quality Assessment of Included Reviews using the AMSTAR Tool (example)

Author	Title	SIGN 50/ AMSTAR Score
Zhang 2014	Acellular vaccines for preventing whooping cough in children.	9 out of 11

Appendix 8, Table 3: Quality of Evidence for Outcomes

<u>Included Studies</u>	<u>Quality of Evidence for Outcomes</u>					
Author	Risk of Bias	Inconsistency	Indirectness	Imprecision	Publication Bias	Notes
Zhang (2014) Acellular vaccines for preventing whooping cough in children						
Outcomes						
1. Noncompletion due to adverse events: acellular versus whole cell pertussis	Serious (1)	Not serious	Not Serious	Not Serious	Undetected	(1) Random sequence generation, allocation concealment is unclear Overall quality: Moderate (downgraded by 1)

Appendix 8, Table 4. Selected outcomes

	Importance
Tuberculosis	
Hepatotoxicity	Critical
Active TB follow-up	Critical
Drug-resistant TB	Critical
Treatment limiting adverse events	Important
Haematological adverse events	Important
Hepatitis B	
Hepatocellular carcinoma	Critical
HCC mortality	Critical
HBeAg loss	Important
HBV DNA loss	Important
HBsAg loss	Important
Histologic improvement	Important
HBsAg carriage	Important
Liver cancers (except non-hepatocellular carcinoma)	Important
Hepatitis C	
Mortality due to HCV	Critical
Hepatocellular Carcinoma	Critical
Hospitalizations due to HCV	Important
Quality of life	Important
Sustained virological response rates (SVR), histological improvements due to treatment	Important
Reduced HCV transmission	Important
Harms of screening due to over diagnosis/overtreatment	Important
Measles, mumps, rubella, polio and tetanus, diphtheria, pertussis, haemophilus influenzae type B	
Morbidity	Critical
Mortality	Critical
Vaccine efficacy	Important
Non-completion due to adverse events	Important

Intestinal parasites

Overall cure	Critical
Mortality due to schistosomiasis	Critical
Risk of severe strongyloidiasis in immunosuppressed patients	Important
% egg reduction	Important
Micro haematuria	Important
Haemoglobin	Important