Table 13: Clinical evidence profile: Comparison 1. BAL monitoring versus standard monitoring

Quality assessment							No of patients		Effect			
No of studies	Design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	BAL monitoring	Standard monitoring	Relative (95% CI)	Absolute	Quality	Importance
FEV$_1$ (follow-up 5 years; measured with: z score; Better indicated by higher values)												
1 (Wainwright 2011)	randomised trials	no serious risk of bias	no serious inconsistency	serious[1]	No serious imprecision	none	80	77	-	MD 0.15 lower (0.58 lower to 0.28 higher)	MODERATE	CRITICAL
Clearance of *P aeruginosa* following 1 or 2 courses of eradication therapy (Follow up: 5 years; Better indicated by higher values)												
1 (Wainwright 2011)	randomised trials	no serious risk of bias	no serious inconsistency	serious[1]	no serious imprecision	none	38/39 (97.4%)	39/43 (90.7%)	RR 1.07 (0.96 to 1.2)	63 more per 1000 (from 36 fewer to 181 more)	MODERATE	CRITICAL
Weight (follow-up 5 years; measured with: z scores; Better indicated by higher values)												
1 (Wainwright 2011)	randomised trials	no serious risk of bias	no serious inconsistency	serious[1]	serious[2]	none	80	77	-	MD 0.06 higher (0.21 lower to 0.32 higher)	LOW	IMPORTANT
Height (follow-up 5 years; measured with: z scores; Better indicated by higher values)												

Quality assessment							No of patients		Effect			
No of studies	Design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	BAL monitoring	Standard monitoring	Relative (95% CI)	Absolute	Quality	Importance
1 (Wainwright 2011)	randomised trials	no serious risk of bias	no serious inconsistency	serious[1]	no serious imprecision	none	80	77	-	MD 0.06 higher (0.23 to 0.35 lower)	MODERATE	IMPORTANT
BMI (follow-up 5 years; measured with: z scores, BMI calculated as weight in kg divided by height in meters squared.; Better indicated by higher values)												
1 (Wainwright 2011)	randomised trials	no serious risk of bias	no serious inconsistency	serious[1]	no serious imprecision	none	80	77	-	MD 0.02 higher (0.25 lower to 0.3 higher)	MODERATE	IMPORTANT

Abbreviations: BAL: bronchoalveolar lavage; BMI: body mass index; FEV$_1$: forced expiratory volume in 1 second; MD: mean difference; RR: risk ratio

[1] The quality of the evidence was downgraded by 1 due to serious indirectness as intervention in BAL monitoring group does not reflect that of current clinical practice.

[2] The quality of the evidence was downgraded by 1 due to serious imprecision as 95% CI crossed 1 default MID.