

Mental health problems in people with learning disabilities  
Appendix N: GRADE evidence profiles for all studies

Quality assessment							Number of patients		Effect		Quality	Importance
Number of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	CBT	ABA/IBI	Relative (95% CI)	Absolute (95% CI)		
Somatic symptoms (follow up: not reported; assessed with: Achenbach: somatic subscale)												
1	before-after studies	very serious <sup>1</sup>	not serious	not serious	serious <sup>2</sup>	none	42	45	-	MD <b>3.74 more</b> (0.69 more to 6.79 more)	⊕○○○ VERY LOW	CRITICAL
Withdrawn symptoms (follow up: not reported; assessed with: Achenbach: withdrawn subscale)												
1	before-after studies	very serious <sup>1</sup>	not serious	not serious	serious <sup>2</sup>	none	42	45	-	MD <b>4.58 more</b> (1.12 more to 8.04 more)	⊕○○○ VERY LOW	CRITICAL
Anxious/depressed symptoms (follow up: not reported; assessed with: Achenbach: anxious/depressed subscale)												
1	before-after studies	very serious <sup>1</sup>	not serious	not serious	serious <sup>2</sup>	none	42	45	-	MD <b>6.89 more</b> (3.68 more to 10.1 more)	⊕○○○ VERY LOW	CRITICAL
Thought problems (follow up: not reported; assessed with: Achenbach: thought problems subscale)												
1	before-after studies	very serious <sup>1</sup>	not serious	not serious	very serious <sup>3</sup>	none	42	45	-	MD <b>7.53 more</b> (4.83 more to 10.23 more)	⊕○○○ VERY LOW	CRITICAL
Attention subscale (follow up: not reported; assessed with: Achenbach: attention subscale)												
1	before-after studies	very serious <sup>1</sup>	not serious	not serious	serious <sup>2</sup>	none	42	45	-	MD <b>4.58 more</b> (1.56 more to 7.6 more)	⊕○○○ VERY LOW	CRITICAL
Quality of life – not reported												

Quality assessment							Number of patients		Effect		Quality	Importance
Number of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	CBT	ABA/IBI	Relative (95% CI)	Absolute (95% CI)		
-	-	-	-	-	-	-					-	CRITICAL
Community participation and meaningful occupation – not reported												
-	-	-	-	-	-	-					-	CRITICAL
Social problems (follow up: not reported; assessed with: Achenbach: social problems subscale)												
1	before-after studies	very serious <sup>1</sup>	not serious	not serious	serious <sup>2</sup>	none	42	45	-	MD <b>2.97 more</b> (0.38 fewer to 6.32 more)	⊕○○○ VERY LOW	IMPORTANT
Aggressive behaviour (follow up: not reported; assessed with: Achenbach: Aggressive behaviour subscale)												
1	before-after studies	very serious <sup>1</sup>	not serious	not serious	very serious <sup>3</sup>	none	42	45	-	MD <b>7.22 more</b> (4.66 more to 9.78 more)	⊕○○○ VERY LOW	IMPORTANT
Rule breaking symptoms (follow up: not reported; assessed with: Achenbach: Rule breaking subscale)												
1	before-after studies	very serious <sup>1</sup>	not serious	not serious	very serious <sup>3</sup>	none	42	45	-	MD <b>9.18 more</b> (6.95 more to 11.41 more)	⊕○○○ VERY LOW	IMPORTANT

1. Risk of selection bias, performance bias (no blinding) and unclear risk of attrition bias
2. Confidence intervals cross minimally important difference in one direction. Sample size less than optimal information size (<400 for continuous outcomes or <300 for dichotomous outcomes)
3. Confidence intervals cross minimally important difference in both directions. Sample size less than optimal information size (<400 for continuous outcomes or <300 for dichotomous outcomes)