

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	Risperidone	methyphenidate	Relative (95% CI)	Absolute (95% CI)		
ADHD symptoms (follow up: mean 4 weeks; assessed with: SNAP-IV total score)												
1	randomised trials	very serious ¹	not serious	not serious	serious ²	none	22	-	-	SMD 0.54 lower (1.14 lower to 0.06 higher)	⊕○○○ VERY LOW	CRITICAL
Hyperactivity (NCBRF) (follow up: mean 4 weeks)												
1	randomised trials	very serious ¹	not serious	not serious	serious ³	none	No significant between-group differences in change scores.			⊕○○○ VERY LOW	CRITICAL	
Quality of life – not reported												
-	-	-	-	-	-	-				-	CRITICAL	
Community participation and meaningful occupation – not reported												
-	-	-	-	-	-	-				-	CRITICAL	
Side effects (Barkley's Side Effects Rating Scale) (follow up: mean 4 weeks)												
1	randomised trials	very serious ¹	not serious	not serious	very serious ²	none	22	-	-	SMD 0.08 higher (0.54 lower to 0.69 higher)	⊕○○○ VERY LOW	IMPORTANT
Weight (follow up: 4 weeks; assessed with: kg)												

Quality assessment							Number of patients		Effect		Quality	Importance
Number of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Risperidone	methyphenidate	Relative (95% CI)	Absolute (95% CI)		
1	randomised trials	very serious ¹	not serious	not serious	serious ³	none	Mean reduction of 0.53 kg in the methyphenidate group compared with a weight increase of 1.01 kg in the risperidone group (reported to be significant).				⊕○○○ VERY LOW	

1. Risk of selection and selective outcome reporting bias
2. Confidence intervals cross one minimally important difference. Sample size less than optimal information size (<400 for continuous outcomes or <300 for dichotomous outcomes).
3. Sample size less than optimal information size (<400 for continuous outcomes or <300 for dichotomous outcomes).

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