

Table 12: Clinical evidence profile: Educational interventions + CPAP versus usual care + CPAP - severe OSAHS

Quality assessment							No of patients		Effect		Quality	Importance
No of studies	Design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Educational interventions + CPAP versus usual care + CPAP	Control	Relative (95% CI)	Absolute		
CPAP Device Usage (hours/night) (Better indicated by higher values)												
10	randomised trials	serious ¹	serious ²	serious indirectness ⁴	serious ³	None	610	518	-	MD 0.88 higher (0.4 to 1.36 higher)	⊕○○○ VERY LOW	CRITICAL
N deemed adherent (≥ four hours/night)												
7	randomised trials	serious ¹	no serious inconsistency	serious indirectness ⁴	serious ³	None	384/528 (72.7%)	54.7%	RR 1.31 (1.15 to 1.48)	170 more per 1000 (from 82 more to 263 more)	⊕○○○ VERY LOW	CRITICAL
Withdrawal												
9	randomised trials	serious ¹	no serious inconsistency	serious indirectness ⁴	no serious imprecision	None	114/878 (13%)	15%	RR 0.73 (0.52 to 1.02)	41 fewer per 1000 (from 72 fewer to 3 more)	⊕⊕○○ LOW	IMPORTANT
Epworth Sleepiness Scale - Comparison of Values at Endpoint- (Better indicated by lower values)												
3	randomised trials	serious ¹	no serious inconsistency	serious indirectness ⁴	no serious imprecision	None	190	165	-	MD 0.08 lower (0.92 lower to 0.76 higher)	⊕○○○ VERY LOW	IMPORTANT
Mortality												

