A1.12 Should psychosocial treatments be used in addition to pharmacological maintenance treatments?

GRADE evidence profile

Author(s):	Amato, Minozzi
Date:	23/03/2006
Question:	Should psychosocial plus pharmacological maintenance treatments versus pharmacological maintenance treatments alone be used for opioid dependence?
Patient or population:	Opiate dependent patients
Settings:	Outpatient
Systematic review:	Amato et al.; *Psychosocial combined with agonist maintenance treatments versus agonist maintenance treatments alone for treatment of opioid dependence* (CLIB 4, 2004)[257].

Quality assessment						Summary of findings					
						No of patients		Effect		Quality	Importance
No. studies	Design	Limitations	Consistency	Directness	Other considerations	Psychosocial plus pharmacological maintenance treatments	Pharmacological maintenance treatments alone	Relative risk (RR) (95% CI)	Absolute risk (AR) (95% CI)		
Retention in treatment[247, 248, 249, 212, 250, 251, 252, 253] (Objective follow-up: 6-24 weeks[d])											
8[a]	Randomized trials	No limitations[b]	No important inconsistency	No uncertainty	None	228/296 (77%)	170/214 (79,4%)	RR 0.94[c,e] (0.85 to 1.02)	50 less / 1 000 (120 less to 20 more)	⊕⊕⊕⊕ High	7
Use of opiates[254, 156, 251, 252, 253] (Objective[g] follow-up: 6-32 weeks[d])											
5[f]	Randomized trials	No limitations[h]	No important inconsistency	No uncertainty	None	70/187 (37,4%)	105/201 (52,2%)	RR 0.69[i] (0.53 to 0.91)	190 less / 1 000 (320 less to 50 less)	⊕⊕⊕⊕ High	7
Retention in treatment at the end of follow-up[255, 248, 256] (Objective follow-up: 4-48 weeks)											
3[j]	Randomized trials	No limitations[k]	No important inconsistency	No uncertainty	None	105/163 (64,4%)	62/87 (71,3%)	RR 0.90[c] (0.76 to 1.07)	70 less / 1 000 (190 less to 50 more)	⊕⊕⊕⊕ High	7
Abstinent at the end of follow-up[248, 256] (follow-up: 1-12 months)											
2[l]	Randomized trials	No limitations[m]	Important inconsistency (-1)[n]	No uncertainty	Imprecise or sparse data (-1)[n]	44/70 (62,9%)	27/38 (71,1%)	RR 0.88[c] (0.67 to 1.15)	90 less / 1 000 (260 less to 90 more)	⊕⊕OO Low	6

[a] All outpatient and all conducted in USA
[b] All but 1 unclear allocation concealment, 1 inadequate; 2 double blind
[c] Fixed effect model
[d] Length of treatment
[e] Excluding the study with inadequate allocation concealment the result do not change
[f] All outpatient and all conducted in USA
[g] Based on urinalysis
[h] All with unclear allocation concealment, 1 double blind
[i] Random effect model
[j] All outpatient and all conducted in USA
[k] All with unclear allocation concealment, 1 double blind
[l] Both outpatient and both conducted in USA
[m] 1 double blind, 2 unclear allocation concealment
[n] Two studies with conflicting results