

Author(s):

Question: DPMAS+PE compared to PE for ACLF

Setting:

Bibliography:

Certainty assessment							№ of patients		Effect		Certainty	Importance
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	DPMAS+PE	PE	Relative (95% CI)	Absolute (95% CI)		
18	randomised trials	not serious	serious ^a	not serious	not serious	publication bias strongly suspected ^b	730	744	-	MD 49.66 μ mol/L lower (65.88 lower to 33.44 lower)	 Low ^{a,b}	IMPORTANT

17	randomised trials	not serious	serious ^a	not serious	not serious	publication bias strongly suspected ^d	704	725	-	MD 36.58 mmol/L lower (60.24 lower to 12.93 lower)	 Low ^{c,d}	IMPORTANT
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11	randomised trials	not serious	serious ^a	not serious	not serious	publication bias strongly suspected ^f	480	499	-	MD 81.22 mmol/L lower (134.95 lower to 27.48 lower)	 Low ^{e,f}	IMPORTANT
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8	randomised trials	not serious	serious ^a	not serious	not serious	none	330	321	-	SMD 1.12 SD lower (1.57 lower to 0.67 lower)	 Moderate ^g	IMPORTANT
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4	randomised trials	not serious	not serious	not serious	not serious	none	166	164	-	SMD 1.17 SD higher (0.94 higher to 1.41 higher)	 High	IMPORTANT
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TNF- α

Certainty assessment							Nº of patients		Effect		Certainty	Importance
Nº of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	DPMAS+PE	PE	Relative (95% CI)	Absolute (95% CI)		
4	randomised trials	not serious	serious ^a	not serious	not serious	none	154	152	-	SMD 1.39 SD lower (2.05 lower to 0.37 lower)	⊕⊕⊕○ Moderate ^h	IMPORTANT

CRP

7	randomised trials	not serious	serious ⁱ	not serious	not serious	none	307	303	-	SMD 0.98 SD lower (1.24 lower to 0.72 lower)	⊕⊕⊕○ Moderate ⁱ	IMPORTANT
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CI: confidence interval; MD: mean difference; SMD: standardised mean difference

Explanations

- a. Serious inconsistency since I² = 90%
- b. Egger's test shows that P<0.05
- c. Serious inconsistency since I² = 95%
- d. Egger's test shows that P<0.05
- e. Serious inconsistency since I² = 96%
- f. Egger's test shows that P<0.05
- g. Serious inconsistency since I² = 86%
- h. Serious inconsistency since I² = 85%
- i. Serious inconsistency since I² = 55%