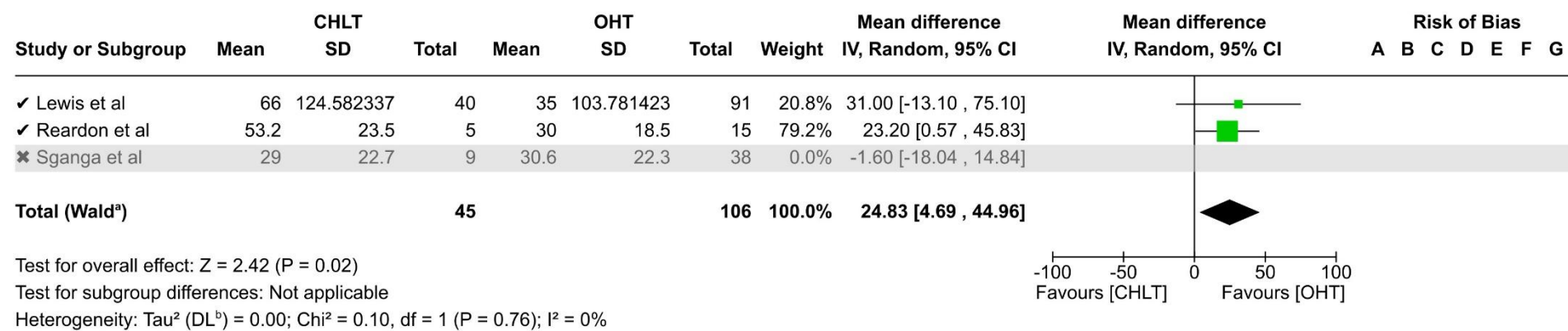


Supplementary Figure 1



Footnotes
^aCI calculated by Wald-type method.
^bTau² calculated by DerSimonian and Laird method.

- Risk of bias legend**
(A) Random sequence generation (selection bias)
(B) Allocation concealment (selection bias)
(C) Blinding of participants and personnel (performance bias)
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Supplemental File 1

GRADE Assessment :

Certainty assessment							Nº of patients		Effect		Certainty	Importance
Nº of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	New Analysis group	[placebo]	Relative (95% CI)	Absolute (95% CI)		

Certainty assessment							№ of patients		Effect		Certainty	Importance
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	New Analysis group	[placebo]	Relative (95% CI)	Absolute (95% CI)		

Length of Hospital Stay

3	non-randomized studies	not serious	serious	not serious	not serious	none	54	144	-	MD 12.87 higher (7.64 lower to 33.38 higher)	⊕⊕○○ Low	
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Length of ICU Stay

2	non-randomized studies	not serious	not serious	serious	not serious	none	49	129	-	MD 0.6 higher (8.89 lower to 10.08 higher)	⊕⊕⊕○ Moderate	
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Ischemic time

Certainty assessment							№ of patients		Effect		Certainty	Importance
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	New Analysis group	[placebo]	Relative (95% CI)	Absolute (95% CI)		
3	non-randomized studies	not serious	not serious	not serious	not serious	none	54	144	-	MD 65.93 lower (107.51 lower to 24.35 lower)	⊕⊕⊕○ Moderate	

Cardiopulmonary Bypass (CPB) Time

3	non-randomized studies	not serious	not serious	not serious	serious	none	54	144	-	MD 24.18 higher (25.89 lower to 74.25 higher)	⊕⊕○ ○ Low	
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Overall Mortality

Certainty assessment							№ of patients		Effect		Certainty	Importance
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	New Analysis group	[placebo]	Relative (95% CI)	Absolute (95% CI)		
3	non-randomized studies	not serious	not serious	not serious	not serious	none	6/54 (11.1%)	42/144 (29.2%)	OR 0.30 (0.12 to 0.74)	182 fewer per 1,000 (from 245 fewer to 58 fewer)	⊕⊕⊕○ Moderate	

Acute Kidney Injury

2	non-randomized studies	not serious	serious	not serious	serious	none	8/14 (57.1%)	29/53 (54.7%)	OR 1.61 (0.17 to 15.70)	113 more per 1,000 (from 377 fewer to 403 more)	⊕⊕○ ○ Low	
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Cardiac Rejection

Certainty assessment							№ of patients		Effect		Certainty	Importance
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	New Analysis group	[placebo]	Relative (95% CI)	Absolute (95% CI)		
2	non-randomized studies	not serious	not serious	not serious	not serious	none	2/14 (14.3%)	21/53 (39.6%)	OR 0.28 (0.05 to 1.52)	241 fewer per 1,000 (from 364 fewer to 103 more)	⊕⊕⊕○ Moderate	

Post-Transplant Infections

2	non-randomized studies	not serious	not serious	not serious	serious	none	8/14 (57.1%)	17/53 (32.1%)	OR 2.76 (0.82 to 9.24)	245 more per 1,000 (from 42 fewer to 493 more)	⊕⊕○ ○ Low	
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Post-Transplant Unplanned Surgical Procedures

Certainty assessment							№ of patients		Effect		Certainty	Importance
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	New Analysis group	[placebo]	Relative (95% CI)	Absolute (95% CI)		
2	non-randomized studies	not serious	not serious	not serious	not serious	none	5/14 (35.7%)	18/53 (34.0%)	OR 1.03 (0.30 to 3.56)	7 more per 1,000 (from 206 fewer to 307 more)	⊕⊕⊕○ Moderate	

Post-Transplant Neurological Events

2	non-randomized studies	not serious	not serious	not serious	not serious	none	4/14 (28.6%)	7/53 (13.2%)	OR 3.78 (0.25 to 57.66)	233 more per 1,000 (from 95 fewer to 766 more)	⊕⊕⊕○ Moderate	
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CI: confidence interval; **MD:** mean difference; **OR:** odds ratio

Search Strategy:

For PubMed =

1.	("heart" OR "cardia*" OR "cardio*" OR "myocardial" OR "coronary")
2.	("liver" OR "hepa*" OR "hepatic" OR "live*")
3.	("transplant*" OR "transplantation" OR "graft*" OR "grafting" OR "transplanted")
4.	("Fontan" OR "Fontan procedure" OR "Fontan circulation" OR "Fontan operation" OR "Fontan-associated")
5.	#1 AND #2 AND #3 AND #4

For Embase:

1.	("heart" OR "cardia*" OR "cardio*" OR "myocardial" OR "coronary")
3.	("liver" OR "hepa*" OR "hepatic" OR "live*")
4.	("transplant*" OR "transplantation" OR "graft*" OR "grafting" OR "transplanted")
6.	("Fontan" OR "Fontan procedure" OR "Fontan circulation" OR "Fontan operation" OR "Fontan-associated")
7.	#1 AND #2 AND #3 AND #4

For Cochrane:

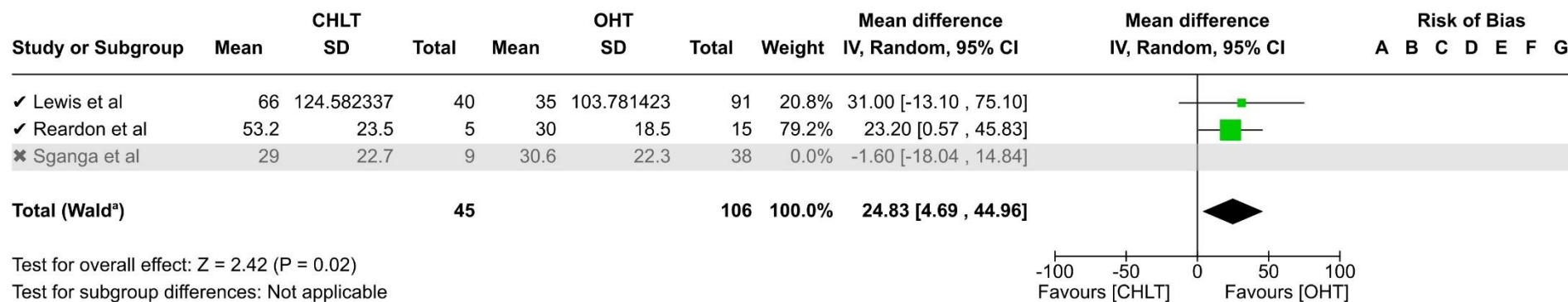
1.	("heart" OR "cardia*" OR "cardio*" OR "myocardial" OR "coronary")
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4.	("liver" OR "hepa*" OR "hepatic" OR "live*")
5.	("transplant*" OR "transplantation" OR "graft*" OR "grafting" OR "transplanted")
8.	("Fontan" OR "Fontan procedure" OR "Fontan circulation" OR "Fontan operation" OR "Fontan-associated")
9.	#1 AND #2 AND #3 AND #4

For Web of Science:

1.	("heart" OR "cardia*" OR "cardio*" OR "myocardial" OR "coronary")
5.	("liver" OR "hepa*" OR "hepatic" OR "live*")
6.	("transplant*" OR "transplantation" OR "graft*" OR "grafting" OR "transplanted")
10.	("Fontan" OR "Fontan procedure" OR "Fontan circulation" OR "Fontan operation" OR "Fontan-associated")
11.	#1 AND #2 AND #3 AND #4

Supplementary Figure 1



Footnotes

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