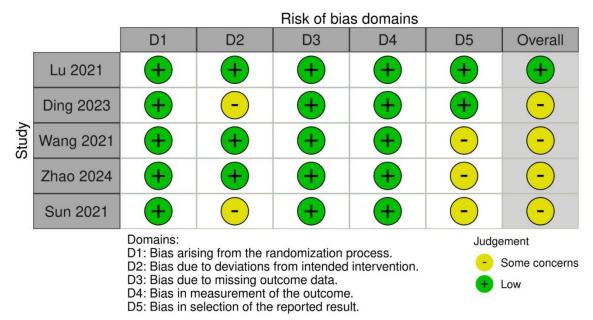
Contents

Supplementary Figure 1. Risk of bias 2 diagram	.1
Supplementary Figure 2. Forest plot of the requirement of rescue analgesics	.1
Supplementary Figure 3. Forest plot of dizziness	.2
Supplementary Figure 4. Forest plot of headache	.2
Supplementary Figure 5. Forest plot of dry mouth	.2



Supplementary Figure 1. Risk of bias 2 diagram

Supplementary Figure 2. Forest plot of the requirement of rescue analgesics

	Penehyc	lidine	Place	bo		Risk Ratio	Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI	M-H, Fixed, 95% Cl
Lu 2021	4	50	4	50	7.9%	1.00 [0.26, 3.78]	
Sun 2021	1	114	3	104	6.2%	0.30 [0.03, 2.88]	
Wang 2021	42	117	44	118	86.0%	0.96 [0.69, 1.35]	
Total (95% CI)		281		272	100.0%	0.93 [0.67, 1.28]	•
Total events	47		51				
Heterogeneity: Chi ² =	= 1.01, df = 3	2 (P = 0.	60); I ^z = 0	9%		-	
Test for overall effect	: Z = 0.47 (F	P = 0.64	0.05 0.2 1 5 20 Favours Penehyclidien Favours Placebo				

Supplementary Figure 3. Forest plot of dizziness

	Penehyc	lidine	Place	bo		Risk Ratio		Risk	Ratio		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% Cl		M-H, Fixe	ed, 95% Cl		
Lu 2021	10	50	9	50	31.1%	1.11 [0.49, 2.50]		10 -	-		
Wang 2021	18	117	10	118	34.4%	1.82 [0.88, 3.77]		5			
Zhao 2020	12	46	10	46	34.5%	1.20 [0.58, 2.50]		3 7 - 6			
Total (95% CI)		213		214	100.0%	1.38 [0.90, 2.14]		2	•		
Total events	40		29								
Heterogeneity: Chi ² =	= 0.96, df = 0	2 (P = 0.	62); I ² = 0	9%			L	+	<u> </u>	10	400
Test for overall effect	: Z = 1.46 (F	P = 0.14))					0.1 Penehyclidine	Favours Pla	10 acebo	100

Supplementary Figure 4. Forest plot of headache

	Penehyc	lidine Placebo				Risk Ratio		Risk	Ratio		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% Cl		M-H, Fixe	ed, 95% Cl		
Lu 2021	9	50	8	50	50.0%	1.13 [0.47, 2.68]		20	-		
Zhao 2020	7	46	8	46	50.0%	0.88 [0.35, 2.21]					
Total (95% CI)		96		96	100.0%	1.00 [0.53, 1.88]					
Total events	16		16								
Heterogeneity: Chi ² =	= 0.15, df = 1	1 (P = 0.	70); l ² = 0	9%			L			100	
Test for overall effect	^o = 1.00))		0.01 Favo	0.1 urs Penehyclidine	1 10 Favours Placebo	100				

Supplementary Figure 5. Forest plot of dry mouth

	Penehyc	lidine	Place	bo		Risk Ratio	Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% Cl	M-H, Fixed, 95% Cl
Lu 2021	14	50	8	50	17.8%	1.75 [0.81, 3.80]	
Wang 2021	73	117	27	118	59.9%	2.73 [1.90, 3.91]	
Zhao 2020	31	46	10	46	22.3%	3.10 [1.73, 5.56]	
Total (95% CI)		213		214	100.0%	2.64 [1.98, 3.50]	•
Total events	118		45				
Heterogeneity: Chi ² =	1.40, df = 3	2 (P = 0.	50); I ² = 0	9%		-	
Test for overall effect	: Z = 6.69 (F	° < 0.00	001)				0.2 0.5 1 2 5 Favours Penehyclidine Favours Placebo