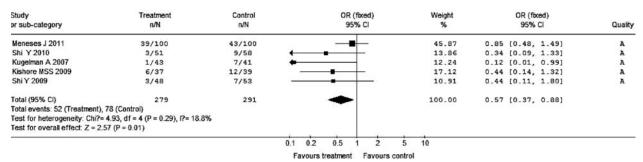
Review: NIPPV vs NCPAP in preterm and term infants
Comparison: 01 NIPPV group versus NCPAP group

Outcome: 04 Good outcome



WEB FIG. 2 The comparison of NIPPV and nCPAP on the final outcome as a primary respiratory mode.

Review: NIPPV vs NCPAP in preterm and term infants
Comparison: 01 NIPPV group versus NCPAP group
Outcome: 05 Apnea of prematurity

Study	Treatment		Control		WMD (fixed)			t)	Weight	WMD (fixed)	
or sub-category	N	Mean (SD)	N	Mean (SD)			95% CI		%	95% CI	Quality
Ryan CA 1989	20	0.50(0.70)	20	0.60(0.70)			+		5.78	-0.10 [-0.53, 0.33]	A
Lin CH 1998	18	0.80(2.50)	16	1.50(3.30)					0.28	-0.70 [-2.69, 1.29]	A
Bisceglia M 2007	42	0.40(0.30)	46	0.90(0.20)					93.95	-0.50 [-0.61, -0.39]	A
Total (95% CI)	80		82						100.00	-0.48 [-0.58, -0.37]	
Test for heterogeneity: Chil	?= 3.12, df = 2 (P	= 0.21), 1?= 36.0%					- 1				
Test for overall effect: Z =	8.97 (P < 0.00001	)									
					-10	-5	0	5	10		
					Favo	ours treatr	ment Fa	vours conf	rol		

Web Fig. 3 The comparison of NIPPV versus nCPAP in the management of apnea of prematurity.

Review: NPPV vs NCPAP in preterm and term infants
Comparison: 01 NPPV group versus NCPAP group
Outcome: 09 Duration of hospitalization

Study	Treatment		Control			WMD (random)			Weight	WMD (random)	
or sub-category	N	Mean (SD)	N	Mean (SD)	95% CI			%	95% CI	Quality	
Meneses J 2011	100	55.90(20.50)	100	53.90(19.20)		-	- 10		27.88	2.00 [-3.50, 7.50]	A
Barrington KJ 2001	27	86.00(23.00)	27	92.00(26.00)	←	-	_		11.13	-6.00 [-19.09, 7.09]	A
Kugelman A 2007	43	39.00(21.00)	41	53.00(39.00)	←		_		10.66	-14.00 [-27.49, -0.51]	A
Moretti C 2007	32	62.00(6.00)	31	58.00(6.00)			-	-	36.18	4.00 [1.04, 6.96]	A
Kishore MSS 2009	37	21.00(23.50)	39	23.50(25.50)	<b>←</b>	-	-	See Se	- 14.15	-2.50 [-13.52, 8.52]	A
Total (95% CI)	239		238					-	100.00	-0.51 [-5.62, 4.61]	
Test for heterogeneity: Chi?	= 9.16, df = 4 (P	= 0.06), !?= 56.3%									
Test for overall effect: Z = 0	0.20 (P = 0.85)										
					-10	-5	0	5	10		
					Fav	ours treatm	ent Fav	yours cont	lor		

**WEB FIG.4** The comparison of duration of hospitalization between NIPPV and nCPAP group.