2 Infants born below 29 0/7 weeks

2.1 BPD in all patients

	LIST	-	Contr	ol		Risk Ratio	Risk Ratio	
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% Cl	M-H, Random, 95% Cl	
2.1.1 vs InSurE								
Kanmaz 2013 Subtotal (95% CI)	6	59 59	16	55 55	22.3% 22.3%	0.35 [0.15, 0.83] 0.35 [0.15, 0.83]	•	
Total events	6		16					
Heterogeneity: Not app	licable							
Test for overall effect: 2	Z = 2.39 (P = 0.0	2)					
2.1.2 vs CPAP								
Göpel 2011	8	108	14	112	23.8%	0.59 [0.26, 1.36]		
Subtotal (95% CI)		108		112	23.8%	0.59 [0.26, 1.36]		
Total events	8		14					
Heterogeneity: Not app	licable							
Test for overall effect: 2	Z = 1.24 (P = 0.2	2)					
2.1.3 vs MV and surf								
Kribs 2015	25	107	31	104	53.9%	0.78 [0.50, 1.23]		
Subtotal (95% CI)		107		104	53.9%	0.78 [0.50, 1.23]	◆	
Total events	25		31					
Heterogeneity: Not app	licable							
Test for overall effect: 2	Z = 1.05 (P = 0.2	9)					
Total (95% CI)		274		271	100.0%	0.61 [0.39, 0.96]	\bullet	
Total events	39		61					
Heterogeneity: Tau ² = 0.05; Chi ² = 2.72, df = 2 (P = 0.26); l ² = 26% $0.01 0.1 1 10$								
Test for overall effect: 2	0.01 0.1 1 10 100 Favours LIST Favours Control							
Test for subgroup diffe	rences: C	hi² = 2.	69, df = 2	2 (P = 0	.26), l ² = 2	25.6%		

2.2 Early MV (by 72 H)

LIST Control		ol		Risk Ratio	Risk Ratio			
Events	Total	Events	Total	Weight	M-H, Random, 95% Cl	M-H, Random, 95% Cl		
32	59 59	29	55 55	50.7% 50.7%	1.03 [0.73, 1.45] 1.03 [0.73, 1.45]	₩ ◆		
32		29						
licable								
Z = 0.16 (P = 0.8	7)						
30	108	51	112	49.3%	0.61 [0.42, 0.88]			
	108		112	49.3%	0.61 [0.42, 0.88]	\bullet		
30		51						
licable								
Z = 2.65 (P = 0.0	08)						
	167		167	100.0%	0.80 [0.47, 1.34]	•		
62		80						
Heterogeneity: Tau ² = 0.11; Chi ² = 4.32, df = 1 (P = 0.04); l ² = 77%								
Test for overall effect: $Z = 0.86$ (P = 0.39)								
rences: C	hi² = 4.	18, df = 1	(P = 0	.04), l ² = 7	6.1%	Favours LIST Favours Controls		
	Events 32 32 licable Z = 0.16 (l 30 30 licable Z = 2.65 (l 62 0.11; Chi ² Z = 0.86 (l	Events Total 32 59 32 59 32 59 32 108 30 108 30 108 30 108 108 108 30 108 101 108 30 108 108 108 30 108 108 108 30 108 108 20 11; Chi ² = 4.32 2 2 0.86 (P = 0.3)	Events Total Events 32 59 29 32 29 32 29 licable 2 $Z = 0.16$ (P = 0.87) 30 30 108 51 108 30 51 licable 2 2.65 (P = 0.008) 107 62 80 0.11; Chi ² = 4.32, df = 1 (F 2 2 = 0.86 (P = 0.39) 10	Events Total Events Total 32 59 29 55 32 29 55 32 29 55 32 29 55 32 29 55 32 29 55 32 29 55 32 29 55 32 29 55 32 29 55 32 29 55 32 29 55 30 51 112 30 51 112 30 51 112 30 51 112 30 51 112 30 51 112 30 51 167 62 80 51 0.11; Chi ² = 4.32, df = 1 (P = 0.04 2 2 = 0.86 (P = 0.39) 51	Events Total Events Total Weight 32 59 29 55 50.7% 32 29 55 50.7% 32 29 55 50.7% 32 29 55 50.7% 32 29 55 50.7% 32 29 55 50.7% 32 29 55 50.7% 32 29 55 50.7% 32 29 55 50.7% 30 108 51 112 49.3% 30 51 112 49.3% 30 30 51 112 49.3% 30 30 51 112 49.3% 30 30 51 112 49.3% 30 62 80 51 100.0% 62 62 80 51 12 77% 2 0.86 (P = 0.39) 12 77% <td>Events Total Events Total Weight M-H, Random, 95% CI 32 59 29 55 50.7% 1.03 [0.73, 1.45] 32 29 55 50.7% 1.03 [0.73, 1.45] 32 29 103 [0.73, 1.45] 1.03 [0.73, 1.45] 32 29 103 [0.73, 1.45] 1.03 [0.73, 1.45] 32 29 103 [0.73, 1.45] 1.03 [0.73, 1.45] 32 29 112 49.3% 0.61 [0.42, 0.88] 30 108 112 49.3% 0.61 [0.42, 0.88] 30 51 112 49.3% 0.61 [0.42, 0.88] 30 51 112 49.3% 0.61 [0.42, 0.88] 30 51 112 49.3% 0.61 [0.42, 0.88] 30 51 112 49.3% 0.61 [0.42, 0.88] 30 51 112 49.3% 0.61 [0.42, 0.88] 30 51 167 100.0% 0.80 [0.47, 1.34] 62 80 0.11; Chi² = 4.32, df</td>	Events Total Events Total Weight M-H, Random, 95% CI 32 59 29 55 50.7% 1.03 [0.73, 1.45] 32 29 55 50.7% 1.03 [0.73, 1.45] 32 29 103 [0.73, 1.45] 1.03 [0.73, 1.45] 32 29 103 [0.73, 1.45] 1.03 [0.73, 1.45] 32 29 103 [0.73, 1.45] 1.03 [0.73, 1.45] 32 29 112 49.3% 0.61 [0.42, 0.88] 30 108 112 49.3% 0.61 [0.42, 0.88] 30 51 112 49.3% 0.61 [0.42, 0.88] 30 51 112 49.3% 0.61 [0.42, 0.88] 30 51 112 49.3% 0.61 [0.42, 0.88] 30 51 112 49.3% 0.61 [0.42, 0.88] 30 51 112 49.3% 0.61 [0.42, 0.88] 30 51 167 100.0% 0.80 [0.47, 1.34] 62 80 0.11; Chi ² = 4.32, df		

Kribs 2015 not included: early mechanical ventilation mandatory for control group

2.3 Any MV

	LIST	-	Contr	ol		Risk Ratio	Risk Ratio	
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% Cl	M-H, Random, 95% Cl	
2.3.1 New Subgroup								
Kanmaz 2013 Subtotal (95% CI)	27	59 59	32	55 55	29.3% 29.3%	0.79 [0.55, 1.12] 0.79 [0.55, 1.12]	•	
Total events	27		32					
Heterogeneity: Not app	licable							
Test for overall effect: $Z = 1.32$ (P = 0.19)								
2.3.2 vs CPAP								
Göpel 2011	36	108	82	112	32.2%	0.46 [0.34, 0.61]	+	
Subtotal (95% CI)		108		112	32.2%	0.46 [0.34, 0.61]	◆	
Total events	36		82					
Heterogeneity: Not app	licable							
Test for overall effect: 2	Z = 5.33 (P < 0.0	0001)					
2.3.3 vs MV and Surf								
Kribs 2015	80	107	103	104	38.5%	0.75 [0.68, 0.84]		
Subtotal (95% CI)		107		104	38.5%	0.75 [0.68, 0.84]	•	
Total events	80		103					
Heterogeneity: Not app	licable							
Test for overall effect: 2	Z = 4.93 (P < 0.0	0001)					
Total (95% CI)		274		271	100.0%	0.65 [0.45, 0.95]	\bullet	
Total events	143		217					
Heterogeneity: Tau ² = 0.09; Chi ² = 13.91, df = 2 (P = 0.0010); l ² = 86% $0.01 0.1 1 10 1$								
Test for overall effect: Z = 2.25 (P = 0.02) Favours LIST Favours Con								
Test for subgroup differ	rences: C	hi² = 10	0.53, df =	2 (P =	0.005), l ² :	= 81.0%		

Kribs 2015: MV mandatory for control patients. RR 0.59 [0.35, 1.01] if not included