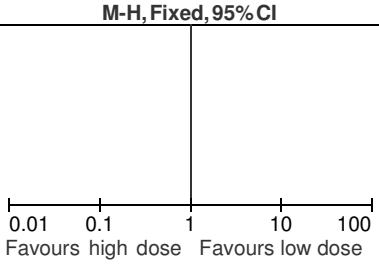
1 High versus low dose of oxytocin (all women)

1.1 Neonatal mortality

Study or Subgroup	High dose Events	Total	Low dose Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
Jamal 2004	0	100	0	100		Not estimable
Kenyon 2013	0	47	0	47		Not estimable
Xenakis 1995	0	154	0	156		Not estimable
Total (95% CI)		**301**		**303**		**Not estimable**
Total events	0		0			

Heterogeneity: Not applicable
Test for overall effect: Not applicable

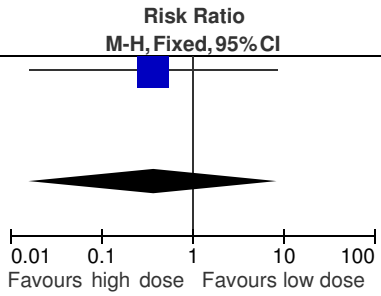


Risk of bias legend

1.2 Apgar score less than 7 at 5 minutes

Study or Subgroup	High dose Events	Total	Low dose Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
Bidgood 1987	0	19	1	21	100.0%	0.37 [0.02, 8.50]
Kenyon 2013	0	47	0	47		Not estimable
Xenakis 1995	0	154	0	156		Not estimable
Total (95% CI)		**220**		**224**	**100.0%**	**0.37 [0.02, 8.50]**
Total events	0		1			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.63 (P = 0.53)

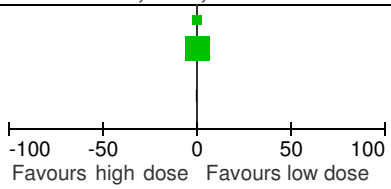


Risk of bias legend

1.3 Umbilical cord (artery) pH

Study or Subgroup	High dose Mean	SD	Total	Low dose Mean	SD	Total	Weight	Mean Difference IV, Fixed, 95% CI
Bidgood 1987	7.27	0.08	19	7.27	0.11	21	23.0%	0.00 [-0.06, 0.06]
Kenyon 2013	7.24	0.08	47	7.24	0.08	47	77.0%	0.00 [-0.03, 0.03]
Total (95% CI)			**66**			**68**	**100.0%**	**0.00 [-0.03, 0.03]**

Heterogeneity: Chi² = 0.00, df = 1 (P = 1.00); I² = 0%
Test for overall effect: Z = 0.00 (P = 1.00)

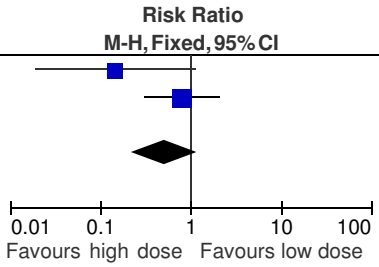


Risk of bias legend

1.4 Neonatal admission to special care baby units

Study or Subgroup	High dose Events	Total	Low dose Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
Kenyon 2013	1	47	7	47	43.9%	0.14 [0.02, 1.12]
Xenakis 1995	7	154	9	156	56.1%	0.79 [0.30, 2.06]
Total (95% CI)		**201**		**203**	**100.0%**	**0.50 [0.22, 1.15]**
Total events	8		16			

Heterogeneity: Chi² = 2.27, df = 1 (P = 0.13); I² = 56%
Test for overall effect: Z = 1.62 (P = 0.11)

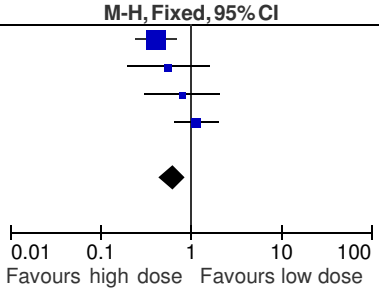


Risk of bias legend

1.9 Caesarean section

Study or Subgroup	High dose Events	Total	Low dose Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI	Risk of Bias
Xenakis 1995	16	154	40	156	56.5%	0.41 [0.24, 0.69]	
Jamal 2004	5	100	9	100	12.8%	0.56 [0.19, 1.60]	
Bidgood 1987	5	19	7	21	9.4%	0.79 [0.30, 2.07]	
Kenyon 2013	17	47	15	47	21.3%	1.13 [0.64, 1.99]	
Total (95% CI)		**320**		**324**	**100.0%**	**0.62 [0.44, 0.86]**	
Total events	43		71				

Heterogeneity: Chi² = 7.13, df = 3 (P = 0.07); I² = 58%
Test for overall effect: Z = 2.82 (P = 0.005)



Risk of bias legend

1.10 Subgroup analysis: Caesarean section by parity

Study or Subgroup	High dose Events	Total	Low dose Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI	Risk of Bias
1.10.1 Nulliparous women							
Bidgood 1987	5	19	7	21	11.1%	0.79 [0.30, 2.07]	
Kenyon 2013	17	47	15	47	24.9%	1.13 [0.64, 1.99]	
Xenakis 1995	8	72	26	94	37.5%	0.40 [0.19, 0.83]	
Subtotal (95% CI)		**138**		**162**	**73.5%**	**0.71 [0.47, 1.06]**	
Total events	30		48				

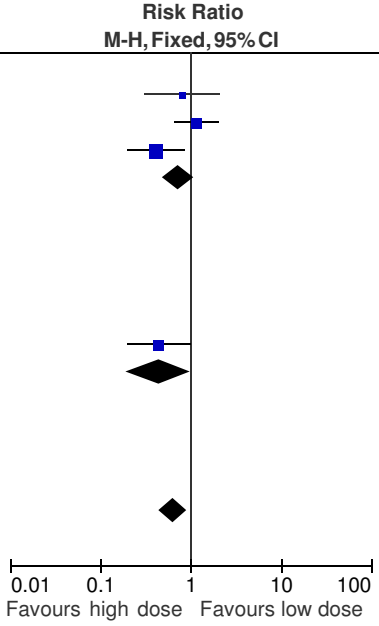
Heterogeneity: Chi² = 5.03, df = 2 (P = 0.08); I² = 60%
Test for overall effect: Z = 1.68 (P = 0.09)

1.10.2 Multiparous women							
Xenakis 1995	8	82	14	62	26.5%	0.43 [0.19, 0.97]	
Subtotal (95% CI)		**82**		**62**	**26.5%**	**0.43 [0.19, 0.97]**	
Total events	8		14				

Heterogeneity: Not applicable
Test for overall effect: Z = 2.05 (P = 0.04)

Total (95% CI)		**220**		**224**	**100.0%**	**0.64 [0.44, 0.91]**	
Total events	38		62				

Heterogeneity: Chi² = 6.63, df = 3 (P = 0.08); I² = 55%
Test for overall effect: Z = 2.49 (P = 0.01)
Test for subgroup differences: Chi² = 1.16, df = 1 (P = 0.28), I² = 14.1%

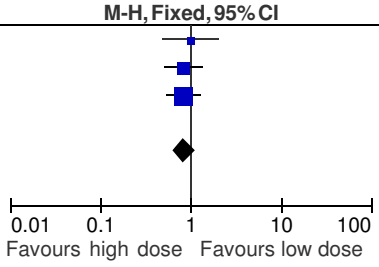


Risk of bias legend

1.11 Instrumental vaginal birth

Study or Subgroup	High dose Events	Total	Low dose Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI	Risk of Bias
Bidgood 1987	8	19	9	21	13.3%	0.98 [0.48, 2.02]	
Kenyon 2013	17	47	21	47	32.6%	0.81 [0.49, 1.33]	
Xenakis 1995	28	154	35	156	54.1%	0.81 [0.52, 1.26]	
Total (95% CI)		**220**		**224**	**100.0%**	**0.83 [0.61, 1.13]**	
Total events	53		65				

Heterogeneity: Chi² = 0.23, df = 2 (P = 0.89); I² = 0%
Test for overall effect: Z = 1.18 (P = 0.24)

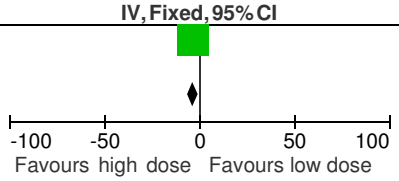


Risk of bias legend

1.12 Length of labour (hour; oxytocin to delivery)

Study or Subgroup	High dose Mean	SD	Total	Low dose Mean	SD	Total	Weight	Mean Difference IV, Fixed, 95% CI
Bidgood 1987	7.8	2.7	19	11.3	6.1	21	100.0%	-3.50 [-6.38, -0.62]
Total (95% CI)			**19**			**21**	**100.0%**	**-3.50 [-6.38, -0.62]**

Heterogeneity: Not applicable
Test for overall effect: Z = 2.38 (P = 0.02)

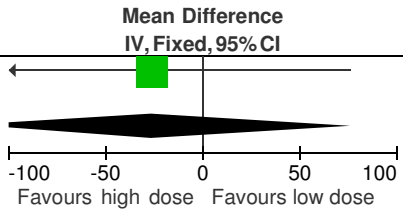


Risk of bias legend

1.15 Length of labour (minute; onset of first stage to delivery)

Study or Subgroup	High dose Mean	SD	Total	Low dose Mean	SD	Total	Weight	Mean Difference IV, Fixed, 95% CI
Kenyon 2013	917	239	46	943	260	46	100.0%	-26.00 [-128.06, 76.06]
Total (95% CI)			**46**			**46**	**100.0%**	**-26.00 [-128.06, 76.06]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.50 (P = 0.62)

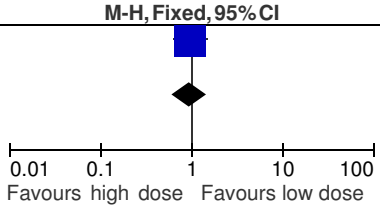


Risk of bias legend

1.16 Incidence of postpartum haemorrhage

Study or Subgroup	High dose Events	Total	Low dose Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
Kenyon 2013	21	47	22	47	100.0%	0.95 [0.61, 1.48]
Total (95% CI)		**47**		**47**	**100.0%**	**0.95 [0.61, 1.48]**
Total events	21		22			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.21 (P = 0.84)

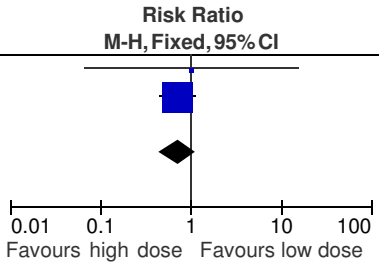


Risk of bias legend

1.17 Diagnosis of chorioamnionitis

Study or Subgroup	High dose Events	Total	Low dose Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
Kenyon 2013	1	47	1	47	2.8%	1.00 [0.06, 15.52]
Xenakis 1995	24	154	35	156	97.2%	0.69 [0.43, 1.11]
Total (95% CI)		**201**		**203**	**100.0%**	**0.70 [0.44, 1.12]**
Total events	25		36			

Heterogeneity: Chi² = 0.07, df = 1 (P = 0.80); I² = 0%
Test for overall effect: Z = 1.49 (P = 0.14)

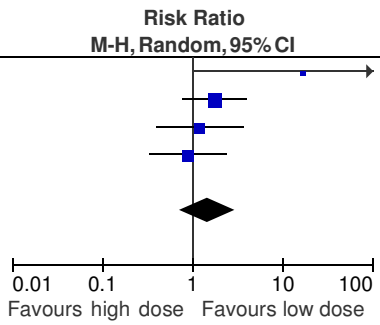


Risk of bias legend

1.18 Incidence of hyperstimulation

Study or Subgroup	High dose Events	Total	Low dose Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
Bidgood 1987	7	19	0	21	5.7%	16.50 [1.01, 270.78]
Jamal 2004	14	100	8	100	37.6%	1.75 [0.77, 3.99]
Kenyon 2013	6	47	5	47	26.1%	1.20 [0.39, 3.66]
Xenakis 1995	7	154	8	156	30.5%	0.89 [0.33, 2.38]
Total (95% CI)		**320**		**324**	**100.0%**	**1.47 [0.73, 2.94]**
Total events	34		21			

Heterogeneity: Tau² = 0.16; Chi² = 4.40, df = 3 (P = 0.22); I² = 32%
Test for overall effect: Z = 1.08 (P = 0.28)



Risk of bias legend