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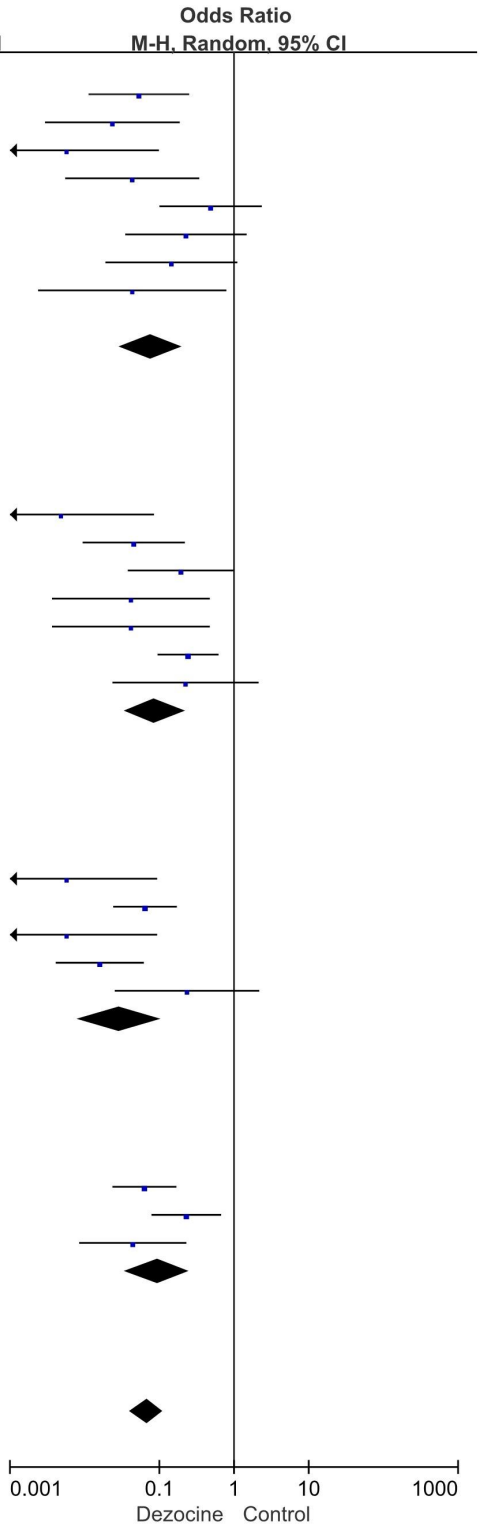
Study or Subgroup	Dezocine Events	Dezocine Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
3.1.1 Sufentanil 0.3 μg/kg						
Li 2017 (1)	2	80	13	40	5.1%	0.05 [0.01, 0.25]
Li 2017 (2)	1	80	14	40	3.8%	0.02 [0.00, 0.19]
Sheng 2017	0	48	31	48	2.5%	0.01 [0.00, 0.10]
Wang 2017	1	50	16	50	3.8%	0.04 [0.01, 0.34]
Wang H 2015	7	25	4	9	5.1%	0.49 [0.10, 2.36]
Wang L 2015 (1)	3	25	3	8	4.3%	0.23 [0.03, 1.48]
Wang L 2015 (2)	2	25	3	8	3.9%	0.14 [0.02, 1.11]
Wang L 2015 (3)	0	30	8	30	2.4%	0.04 [0.00, 0.79]
Zhou 2014	0	0	0	0		Not estimable
Subtotal (95% CI)		**363**		**233**	**30.9%**	**0.08 [0.03, 0.20]**
Total events	16		92			
Heterogeneity: Tau² = 0.89; Chi² = 13.03, df = 7 (P = 0.07); I² = 46%						
Test for overall effect: Z = 5.17 (P < 0.00001)						
3.1.2 Sufentanil 0.4 μg/kg						
Meng 2013	0	40	29	40	2.5%	0.00 [0.00, 0.08]
Ruan 2017	2	35	20	35	5.1%	0.05 [0.01, 0.22]
Zheng 2018 (1)	7	25	6	9	4.9%	0.19 [0.04, 1.00]
Zheng 2018 (2)	1	25	4	8	3.1%	0.04 [0.00, 0.47]
Zheng 2018 (3)	1	25	4	8	3.1%	0.04 [0.00, 0.47]
Zheng 2019	8	50	22	50	7.2%	0.24 [0.09, 0.62]
Zhu 2018	1	30	4	30	3.4%	0.22 [0.02, 2.14]
Subtotal (95% CI)		**230**		**180**	**29.2%**	**0.09 [0.03, 0.22]**
Total events	20		89			
Heterogeneity: Tau² = 0.71; Chi² = 11.16, df = 6 (P = 0.08); I² = 46%						
Test for overall effect: Z = 5.04 (P < 0.00001)						
3.1.3 Sufentanil 0.5 μg/kg						
Liu 2015	0	185	59	185	2.6%	0.01 [0.00, 0.09]
Qiu 2016	5	100	45	100	7.0%	0.06 [0.02, 0.17]
Wang 2016	0	185	59	185	2.6%	0.01 [0.00, 0.09]
Xu 2014 (1)	3	50	40	50	5.7%	0.02 [0.00, 0.06]
Xu 2014 (2)	1	50	4	50	3.5%	0.23 [0.03, 2.18]
Subtotal (95% CI)		**570**		**570**	**21.4%**	**0.03 [0.01, 0.11]**
Total events	9		207			
Heterogeneity: Tau² = 1.21; Chi² = 10.16, df = 4 (P = 0.04); I² = 61%						
Test for overall effect: Z = 5.35 (P < 0.00001)						
3.1.4 Sufentanil 3-5 μg/kg						
Fang 2016	6	62	39	62	7.0%	0.06 [0.02, 0.17]
Shen 2014	5	60	17	60	6.7%	0.23 [0.08, 0.67]
Zhao 2017	2	26	17	26	4.8%	0.04 [0.01, 0.23]
Subtotal (95% CI)		**148**		**148**	**18.6%**	**0.09 [0.03, 0.25]**
Total events	13		73			
Heterogeneity: Tau² = 0.39; Chi² = 4.08, df = 2 (P = 0.13); I² = 51%						
Test for overall effect: Z = 4.69 (P < 0.00001)						
Total (95% CI)		**1311**		**1131**	**100.0%**	**0.07 [0.04, 0.11]**
Total events	58		461			
Heterogeneity: Tau² = 0.77; Chi² = 46.43, df = 22 (P = 0.002); I² = 53%						
Test for overall effect: Z = 10.08 (P < 0.00001)						
Test for subgroup differences: Chi² = 2.28, df = 3 (P = 0.52), I² = 0%